

# **Global Automotive Air Intake Manifold Market by Vehicle Type (Passenger Car, Light Commercial Vehicle, and Medium & Heavy Duty Commercial Vehicle), by Manifold Type (Standard and Variable), by Material Type (Composites [Lost Core, Shell, and Others], Aluminum, and Others), by Manufacturing Process (Injection Molding and Casting), by Region (NA, Europe, APAC, ROW), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2017 – 2022**

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## **Abstracts**

This report, from Stratview Research, studies the global automotive air intake manifold market 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 Automotive Air Intake Manifold Market: Highlights**

The global automotive air intake manifold market offers healthy growth opportunity and is likely to grow at 3.7% CAGR over the next five years to reach US\$ 3,250 million in 2022. Organic growth in the automobile production owing to increasing disposable income and growing urbanization and increasing demand for lightweight air intake manifold to reduce the overall vehicle weight for achieving stringent government regulations, such as CAF? Standards are major growth drivers of the global automotive air intake manifold market.

Global automotive air intake manifold market is segmented based on vehicle type as passenger cars, light commercial vehicles, and medium & heavy duty commercial vehicles. Passenger car is expected to remain the growth engine of the global automotive air intake manifold market during the forecast period. The high number of car production and higher demand for lightweight products would continue to drive the segment over the next five years.

Air intake manifolds were conventionally made from metals, such as cast iron and aluminum but this trend has been changing with the change in the market dynamics. Government stringent regulations are putting pressure on the automakers to either curb the overall vehicle weight or downsize the engines to increase fuel efficiency or reduce emissions. Air intake manifold could not escape itself from such regulations and experienced a significant change in the selection of materials over the period. Industry is rapidly moving towards lightweight materials, such as composites and magnesium to make final component light in weight without sacrificing overall manifold performance.

Short fiber thermoplastics (SFT) based composites are most widely preferred in the global automotive air intake manifold market as it offers many benefits over competing materials, such as low part cycle time, ability to manufacture complex products, recyclability, good surface finish, excellent strength to weight ratio, lightweight, and excellent temperature resistance. Composite based air intake manifold is projected to further capture market share of traditional metals based air intake manifold during the forecast period.

Variable intake manifold is expected to experience faster growth over the next five years as it offers several benefits over standard manifolds, such as high engine output by switching intake ports according to driving conditions and improve fuel economy.

Injection molding is likely to remain the most dominant process in the global automotive air intake manifold market during the forecast period. Auto industry looks for those manufacturing process that can fabricate a final part in merely one to two minutes. Injection molding process is perfectly suited to the automotive industry and is ideal for the mass production small to medium-sized complex parts. Composites, the largest material type for air intake manifold heavily rely on the injection molding process.

Asia-Pacific is expected to remain the largest air intake manifold market during the forecast period. The region is also expected to experience the fastest growth in the same period. Increasing automobile production mainly in China and India is likely to

drive the demand for air intake manifold in the region. Europe is expected to remain the second largest automotive air intake manifold market over the next five years but the region is expected to experience a moderate growth due to low growth in the light vehicle production.

The supply chain of this market comprises raw materials suppliers, compounders, air intake manufacturers, distributors, automotive OEMs, and dealers. The key automotive air intake manifold manufacturers are Mann+Hummel Group, MAHLE GmbH, Magneti Marelli S.p.A., Aisin Seiki Co., Ltd, Röchling Automotive, and Honda Foundry Co., Ltd. Lightweight air intake manifold and strategic alliances are the key strategies adopted by the key 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 1,000 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. About 15 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 global automotive air intake manifold market is segmented into the following categories:

Global Automotive Air Intake Manifold Market, By Vehicle Type

Passenger Car (Regional Analysis: NA, Europe, APAC, and RoW)

Light Commercial Vehicle (Regional Analysis: NA, Europe, APAC, and RoW)

Medium & Heavy Duty Commercial Vehicle (Regional Analysis: NA, Europe, APAC, and RoW)

Global Automotive Air Intake Manifold Market, By Manifold Type

Standard Air Intake Manifold (Regional Analysis: NA, Europe, APAC, and RoW)

Variable Air Intake Manifold (Regional Analysis: NA, Europe, APAC, and RoW)

Global Automotive Air Intake Manifold Market, By Material Type

Composites (Regional Analysis: NA, Europe, APAC, and RoW) and (Technology Analysis: Lost Core, Shell, and Others)

Aluminum (Regional Analysis: NA, Europe, APAC, and RoW)

Other Materials (Regional Analysis: NA, Europe, APAC, and RoW)

#### Global Automotive Air Intake Manifold Market, By Manufacturing Process Type

Injection Molding (Regional Analysis: NA, Europe, APAC, and RoW)

Casting (Regional Analysis: NA, Europe, APAC, and RoW)

#### Global Automotive Air Intake Manifold Market, By Region

North America (Country Analysis: The USA, Canada, and Mexico)

Europe (Country Analysis: Germany, France, The UK, Italy, Russia, and Rest of the Europe)

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

Rest of the World (Country Analysis: Brazil, Argentina, 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)

#### Regional Segmentation

Current market size (2016) of air intake manifold in any of the North American country by material 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 enquiry at [sales@stratviewresearch.com](mailto:sales@stratviewresearch.com).

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10.8. Mecaplast Group

10.9. MIKUNI Corporation

10.10. Röchling Automotive

10.11. Sogefi Group

10.12. Toyota Boshoku Corporation

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