

Technology Landscape, Trends and Opportunities in the Global Automotive Air Intake Manifold Market

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Abstracts

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The material technologies in automotive air intake manifold have undergone significant change in recent years, with cast iron, aluminum, and composite plastics. The rising wave of new material technologies, such as nylon 6,6 composite material, and impact resistance plastic are creating significant potential for automotive air intake manifold in various vehicle applications. These technologies evenly distribute the combustion mixture to each intake port in the cylinder head, which optimizes the efficiency and performance of the engine.

In this market, various material technologies, such as iron, aluminum, and composite plastic are used to manufacture polyamide, polypropylene, and composite based air intake manifolds. Increasing vehicle production, growing demand for lightweight air intake manifold to reduce overall vehicle weight and stringent government regulations are creating opportunities for various automotive air intake manifold technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the automotive air intake manifold market. Some insights are depicted below by a sample figure. For more details on figures, the companies researched, and other objectives/benefits on this research report, please download the report brochure.

The study includes technology readiness, competitive intensity, regulatory compliance, disruption potential, trends, forecasts and strategic implications for the global automotive air intake manifold technology by material technology, application, and region as follows:

Technology Readiness by Technology Type

Competitive Intensity and Regulatory Compliance

Disruption Potential by Technology Type

Trends and Forecasts by Material Technology [\$M shipment analysis from 2018 t%li%2030]:

Iron

Aluminum

Composite Plastic

Trends and Forecasts by Application [\$M shipment analysis from 2018 t%li%2030]:

Passenger Cars

Iron

Aluminum

Composite Plastic

Light Commercial Vehicle

Iron

Aluminum

Composite Plastic

Trends and Forecasts by Region [\$M shipment analysis for 2018 t%li%2030]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

Japan

China

South Korea

India

The Rest of the World

Latest Developments and Innovations in the Automotive Air Intake Manifold Technologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

Some of the automotive air intake manifold companies profiled in this report include Mahle, Mann+Hummel Group, Sogefi SpA, Aisin Seiki, Toyota Boshoku Corporation, and Keihin Corporation.

This report answers following 9 key questions:

Q.1 What are some of the most promising and high-growth technology opportunities for the automotive air intake manifold market?

Q.2 Which technology will grow at a faster pace and why?

Q.3 What are the key factors affecting dynamics of different technologies? What are the drivers and challenges of these technologies in automotive air intake manifold market?

Q.4 What are the levels of technology readiness, competitive intensity and regulatory compliance in this technology space?

Q.5 What are the new technology developments in automotive air intake manifold market? Which companies are leading these developments?

Q.6 What are the latest developments in automotive air intake manifold technologies? Which companies are leading these developments?

Q.7 Which technologies have potential of disruption in this market?

Q.8 Who are the major players in this automotive air intake manifold market? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this automotive air intake manifold technology space?

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