+357 96 030922
info@marketpublishers.com

Automotive Exhaust Manifold Market Forecast to 2030 – Global Analysis By Material Type (Cast Iron, Stainless Steel and Titanium), Vehicle Type (Passenger Cars and Commercial Vehicles), Fuel Type, Sales Channel and By Geography

https://marketpublishers.com/r/AFD7582BA7F2EN.html
Date: February 2025
Pages: 150
Price: US$ 4,150.00 (Single User License)
ID: AFD7582BA7F2EN

Abstracts

According to Stratistics MRC, the Global Automotive Exhaust Manifold Market is accounted for $9.03 billion in 2024 and is expected to reach $12.18 billion by 2030 growing at a CAGR of 5.1% during the forecast period. An automotive exhaust manifold is a crucial component in a vehicle's exhaust system that collects exhaust gases from multiple cylinders in the engine and directs them to the exhaust pipe. It helps reduce engine noise, manage heat, and improve engine efficiency by directing the gases to the turbocharger or catalytic converter for further treatment before release.

According to the Environmental Protection Agency (EPA), transportation accounted for 28% of total U.S. greenhouse gas emissions in 2021.

Market Dynamics:

Driver:

Rising global vehicle production

The increasing global production of vehicles, driven by growing urbanization and rising disposable incomes, is a key driver for the automotive exhaust manifold market. Internal combustion engine (ICE)-powered vehicles continue to dominate the market, necessitating efficient exhaust systems to meet emission norms and optimize engine performance. The demand for passenger cars and commercial vehicles in emerging

+357 96 030922
info@marketpublishers.com

economies further fuels this growth. As vehicle production expands, the need for durable and efficient exhaust manifolds is expected to rise significantly.

Restraint:

Volatility in raw material prices

Fluctuations in raw material prices, particularly for cast iron and stainless steel, act as a major restraint for the market. These materials are critical for manufacturing exhaust manifolds due to their heat resistance and durability. However, price volatility increases production costs, impacting profit margins for manufacturers. Additionally, supply chain disruptions and geopolitical factors exacerbate these challenges, making it difficult for manufacturers to maintain consistent pricing and profitability.

Opportunity:

Rising popularity of hybrid vehicles

The growing adoption of hybrid vehicles presents significant opportunities for the automotive exhaust manifold market. Hybrid powertrains still rely on internal combustion engines, requiring advanced exhaust manifolds to manage emissions effectively. Innovations such as lightweight materials and integrated catalytic converters align with the efficiency needs of hybrid vehicles. As governments promote hybrid technology as a transitional solution toward sustainable mobility, the demand for optimized exhaust systems in this segment is expected to grow steadily.

Threat:

Growing shift towards fully electric vehicles

The increasing shift toward fully electric vehicles (EVs), which do not require exhaust systems, poses a long-term threat to the market. Governments worldwide are incentivizing EV adoption through subsidies and stricter emission regulations, reducing the demand for ICE-powered vehicles. This transition could significantly impact the automotive exhaust manifold market unless manufacturers diversify their offerings or focus on hybrid vehicle applications.

Covid-19 Impact:

+357 96 030922
info@marketpublishers.com

The COVID-19 pandemic disrupted global supply chains and slowed vehicle production, leading to a temporary decline in demand for automotive exhaust manifolds. However, post-pandemic recovery has been marked by increased vehicle sales and stricter emission regulations, revitalizing the market. The pandemic also accelerated innovation in lightweight materials and emission-reduction technologies, creating growth opportunities in the sector.

The cast iron segment is expected to be the largest during the forecast period

The cast iron segment is expected to account for the largest market share during the forecast period due to its excellent thermal conductivity, durability, and cost-effectiveness. Cast iron's ability to withstand high temperatures makes it ideal for use in internal combustion engines across passenger cars and commercial vehicles. Its widespread adoption by automotive manufacturers ensures its dominance in the market despite competition from alternative materials like stainless steel.

The commercial vehicles segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the commercial vehicles segment is expected to witness the highest CAGR due to increasing demand for transportation and logistics solutions globally. Commercial vehicles require robust exhaust manifolds capable of handling larger engine capacities and more demanding operating conditions. The rising focus on fuel efficiency and emission reduction in this sector further drives innovation and adoption of advanced exhaust manifold solutions.

Region with largest share:

The Asia Pacific region is anticipated to account for the largest market share during the forecast period due to its strong automotive manufacturing base in countries like China, India, Japan, and South Korea. The region's growing middle-class population and urbanization drive demand for passenger cars and commercial vehicles. Additionally, government initiatives promoting local manufacturing bolster Asia Pacific's dominance in the automotive exhaust manifold market.

Region with highest CAGR:

The Asia Pacific region is anticipated to register the highest growth rate over the forecast period owing to rapid industrialization and increasing investments in advanced

+357 96 030922
info@marketpublishers.com

automotive technologies. Stricter emission regulations in countries like China and India are pushing manufacturers toward innovative exhaust solutions. The region's expanding export markets further contribute to its high growth potential.

Key players in the market

Some of the key players in Automotive Exhaust Manifold Market include Tenneco Inc., Faurecia, Continental AG, Eberspacher, Bosch, Johnson Matthey, Dana, Magneti Marelli, Futaba Industrial Co., Benteler, Boysen, Katcon, Yutaka Giken, BorgWarner, Hitachi Automotive Systems and MANN+HUMMEL.

Key Developments:

In November 2024, Ohlins Racing the global leader in advanced suspension technology has debuted its first front fork for Harley-Davidson motorcycles – the American V-Twin 48 Blackline front fork. Included in this landmark release is the new Ohlins STX Pro Blackline shock absorber. Both products are equipped with Ohlins' cutting-edge technologies from Bagger Racing and aim to enhance the comfort and overall riding experience for Harley-Davidson enthusiasts.

In November 2024, Continental has developed an electronic brake control system for the Bugatti Bolide, a hypercar featuring an anti-lock braking system (ABS), electronic stability control (ESC) and traction control system (TCS), based on the 'Motorsports ABS Kit by Continental Engineering Services.' This motorsports brake control system makes the 1,600 hp racing car controllable for professional racing drivers and enthusiasts alike.

In April 2024, FORVIA, the world's seventh-largest automotive technology supplier, completed the successful acquisition of the remaining 50% shares from Aptoide in the joint venture Faurecia Aptoide Automotive (FAA). With this strategic move, FORVIA assumes full ownership of the 2019-established Joint Venture, reinforcing its position as the leading player in automotive applications distribution being a trusted partner for both automakers and Apps developers.

Material Types Covered:

Cast Iron

Stainless Steel

+357 96 030922
info@marketpublishers.com

- Titanium

Vehicle Types Covered:

- Passenger Cars
- Commercial Vehicles

Fuel Types Covered:

- Gasoline Engines
- Diesel Engines
- Alternative Fuels

Sales Channels Covered:

- Original Equipment Manufacturers (OEMs)
- Aftermarket

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe

+357 96 030922
info@marketpublishers.com

- 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

Middle East & Africa

+357 96 030922
info@marketpublishers.com

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:
- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2022, 2023, 2024, 2026, and 2030
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

+357 96 030922
info@marketpublishers.com

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

10 KEY DEVELOPMENTS

11 COMPANY PROFILING

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Automotive Exhaust Manifold Market Forecast to 2030 – Global Analysis By Material Type (Cast Iron, Stainless Steel and Titanium), Vehicle Type (Passenger Cars and Commercial Vehicles), Fuel Type, Sales Channel and By Geography

Product link: https://marketpublishers.com/r/AFD7582BA7F2EN.html

Price: US$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/AFD7582BA7F2EN.html