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Engine Mounting Brackets Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Inline Engines, V-Type Engines), By Application (Passenger Cars, Commercial Vehicles), By Region & Competition, 2021-2031F

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Abstracts

The Global Engine Mounting Brackets Market is projected to expand from USD 6.75 Billion in 2025 to USD 9.11 Billion by 2031, registering a compound annual growth rate of 5.12%. Engine mounting brackets are essential structural components used to anchor the powertrain to the vehicle chassis, serving to dampen vibrations, reduce noise transmission, and ensure alignment during dynamic driving conditions. The primary factor driving market growth is the steady increase in global automobile production, which generates a direct and non-discretionary need for reliable fixation systems across both passenger and commercial segments. Furthermore, strict regulatory mandates concerning fuel economy are pushing manufacturers to utilize high-strength, lightweight materials like aluminum and composites for these parts, thereby broadening the market's value beyond conventional steel applications.

Nevertheless, a major challenge hindering widespread market expansion is the rapid shift toward electric vehicles, which generally employ simpler configurations and fewer mounting points than complex internal combustion engines. This structural evolution threatens to lower the total volume of brackets needed per vehicle unit. Despite this potential reduction, the baseline demand for component integration remains substantial; according to the International Organization of Motor Vehicle Manufacturers (OICA), the global automotive industry produced approximately 92.5 million motor vehicles in 2024, highlighting the immense and enduring requirement for these solutions even as powertrain technologies continue to evolve.

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Market Driver

The principal driver propelling the Global Engine Mounting Brackets Market is the expansion of global automotive production and sales, which creates an immediate demand for structural fixation components. As manufacturing volumes rise in major industrial centers, the necessity for precision-engineered brackets to secure powertrains increases linearly. This trend is illustrated by China, a crucial manufacturing hub; according to the China Association of Automobile Manufacturers (CAAM), December 2025, automotive production for the period of January through November 2025 reached 31.23 million units, marking an 11.9% increase year-on-year. This regional activity underpins broader global statistics, where, according to the European Automobile Manufacturers? Association (ACEA), in September 2025, global passenger car production grew by 3.5% in the first half of the year to total 37.7 million units.

Concurrently, the market is driven by the accelerated transition to electric and hybrid vehicle architectures, which demands specialized mounting solutions. While battery-electric platforms may utilize fewer mounting points, the spread of complex hybrid systems?requiring brackets for both engines and motors?and the necessity for lightweight materials to counterbalance battery mass maintain high-value component demand. The speed of this shift is significant; according to the International Energy Agency (IEA), May 2025, in the 'Global EV Outlook 2025', worldwide electric car sales were forecast to surpass 20 million units for the year. This substantial volume forces manufacturers to develop advanced alloy brackets capable of meeting the strict NVH standards of modern electrified transport.

Market Challenge

The rapid transition toward electric vehicles poses a structural impediment to market revenue growth by fundamentally changing the volume and complexity of necessary fixation components. In contrast to internal combustion engines, which produce significant vibration and demand multiple heavy-duty mounting points for stability, electric powertrains are inherently smoother and more compact. This architectural shift permits automotive engineers to use fewer, lighter, and less complex mounting brackets per unit. Consequently, as assembly lines convert to electrified platforms, the average content value per vehicle for mounting systems decreases, leading to a contraction in component demand that offsets the benefits of overall vehicle production increases.

This decline in component volume is intensifying as electric mobility secures a larger portion of the global automotive landscape. The swift displacement of traditional

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powertrains creates a situation where bracket manufacturers encounter shrinking demand relative to total vehicle output. Highlighting the magnitude of this migration, according to the International Energy Agency, global electric car sales exceeded 17 million units in 2024. This significant market penetration by vehicles utilizing simplified mounting configurations directly undermines the baseline demand for traditional, high-volume bracketry, compelling suppliers to adapt to lower per-unit volumes even as the broader automotive sector continues to expand.

Market Trends

The application of additive manufacturing for complex geometries is fundamentally reshaping bracket production by facilitating the creation of topology-optimized structures that traditional casting cannot achieve. This manufacturing evolution permits engineers to merge multi-part assemblies into single, high-strength units that significantly lower weight while upholding critical structural integrity. The rate of industrial adoption is accelerating as major automakers incorporate 3D printing into their core development processes to address ergonomic and lightweighting challenges. Exemplifying this operational shift, according to General Motors, January 2025, in the 'GM uses Additive Manufacturing to bring 3D printed innovation to products and plants' article, the company launched over 5,400 new additive manufacturing projects in 2024 alone, highlighting the massive implementation of this technology for creating specialized production aids and components.

At the same time, the shift toward sustainable and recyclable material sourcing is transforming the supply chain as OEMs aggressively target Scope 3 emission reductions through the procurement of green metals. This trend compels bracket suppliers to transition from virgin ore extraction to high-quality recycled feedstocks without compromising the mechanical performance required for powertrain fixation. Validating this move toward circular economy principles within critical structural components, according to Constellium, October 2024, in the 'Constellium showcases its leading aluminium solutions at ALUMINIUM 2024' press release, the manufacturer exhibited advanced systems produced from over 90% post-consumer scrap. This development proves the commercial viability of high-recycled-content alloys for demanding automotive applications previously reserved for primary aluminum.

Key Market Players

Vibracoustic SE

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ZF Friedrichshafen AG

Continental AG

CRRC New Material Technologies GmbH

Hutchinson S.A.

Sumitomo Riko Company Limited

EMP Tech Co.,Ltd.

Sigma Global INC.

CTR Co.,Ltd.

Toyo Tire Corporation

Report Scope

In this report, the Global Engine Mounting Brackets Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Engine Mounting Brackets Market, By Type

Inline Engines

V-Type Engines

Engine Mounting Brackets Market, By Application

Passenger Cars

Commercial Vehicles

Engine Mounting Brackets Market, By Region

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North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

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Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Engine Mounting Brackets Market.

Available Customizations:

Global Engine Mounting Brackets Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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