Automotive Engine Mounting Brackets Market Assessment, By Engine Type [Inline Engines, V-Type Engines], By Vehicle Type [Passenger Car, Commercial Vehicles], By Sales Channel [Original Equipment Manufacturer, Aftermarket], By Region, Opportunities and Forecast, 2018-2032F

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Report description:

Global automotive engine mounting brackets market is projected to witness a CAGR of 4.90% during the forecast period 2025-2032, growing from USD 6.63 billion in 2024 to USD 9.72 billion in 2032F, owing to increased vehicle production, innovations in automotive engineering, and a rise in focus on vehicle comfort and noise reduction. Manufacturers are exploring lighter, stronger materials to meet the evolving needs of electric and hybrid vehicles. Furthermore, growing consumer demand for smoother rides and better performance is prompting advancements in mounting bracket designs. Market growth is being supported by the expansion of the automotive sector across emerging economies and the continual push for fuel-efficient, environmentally conscious vehicles.

Rising Automotive Production and Shift Towards Lightweight Components to Fuel the Market

As automakers ramp up output to meet growing demand, the need for durable and efficient mounting components also increases. These brackets are essential for securing the engine and minimizing vibrations, making them crucial to overall vehicle integrity and performance. Expansion in both commercial and passenger vehicle segments, especially in emerging markets, further supports the growing demand for quality engine mounting solutions.

As reported by the European Automobile Manufacturers' Association (ACEA), Japanese car sales rose by 15.8% in 2023, attributed to a lower baseline resulting from shortages in semiconductors and components. In the same year, Indian passenger car sales achieved a historic peak of over 4.2 million units, marking an increase of 8.5% and exceeding Japan's sales figures. This growth can be linked to a rising demand for personal mobility and the introduction of new vehicle models.

The push for improved fuel efficiency and reduced emissions has led manufacturers to prioritize lightweight materials in vehicle production. Engine mounting brackets, once made mostly from heavy metals, are now often constructed with aluminum or

composite materials to reduce vehicle weight. Lighter brackets contribute to a better fuel economy without compromising strength or safety. This trend reflects the industry's broader move toward sustainable practices and increased performance through material innovation and smarter engineering.

Advancements in Bracket Design and Manufacturing to Propel Market Growth

New vehicle designs require advanced components such as automotive engine mounting brackets, making them durable and capable for extreme environments. Constant development like this has led to experimentation in design and manufacturing. The advanced mount brackets help the vehicle achieve an extended lifespan, reduced engine vibrations, and improved structural strength. Manufacturers are now using advanced materials and manufacturing technologies to achieve such standards, aligning with vehicle system complexity and consumer demands on comfort and durability. The presence of robotics for constructing these elements is enhancing the accuracy in production.

For instance, in March 2024, Stainless Marine Inc. announced the launch of a new product: the engine bracket hatch covers. The company has made them available. The Hatch Cover Black is designed to fit openings ranging from 6 1/2 inches to 7 1/2 inches. These hatch covers feature a self-sealing mechanism that eliminates the need for additional sealants for access. They do not require screws and serve as a replacement for the company's previous hatch covers, utilizing O-ring seals positioned around the exterior of the former screw holes.

The EV boom has fueled the demand for new, additional components like engine mount brackets that are easily integrated into EV powertrains. These require different layouts and vibration characteristics, and hence, companies deliver customized solutions. Brackets for EVs need to accommodate quieter, more streamlined systems while being durable and safe. The transformation has led manufacturers to innovate and create solutions to fit electric mobility's structural and performance requirements, keeping pace with the worldwide shift toward cleaner transport.

Inline Engine Segment Leads with Compact Design and Mechanical Simplicity

Based on engine type, the inline engine segment leads the automotive engine mounting brackets market, attributed to their compact design, mechanical simplicity, and cost-effectiveness. These engines are easier to manufacture and maintain than complex layouts, making them popular in passenger cars and small commercial vehicles. Their linear configuration allows for better engine bay utilization and simpler bracket design, which reduces installation time and costs. Inline engines are widely used across global markets because they balance performance and affordability.

This consistent demand ensures that engine mounting brackets designed for inline engines remain highly relevant. Their straightforward structure allows manufacturers to standardize bracket solutions, streamline production, and maintain compatibility with evolving vehicle platforms. As automotive technology develops, inline engines remain a reliable and practical choice, ensuring their continued dominance in engine mounting component applications.

Asia-Pacific leads in the Market with the Leading Automotive Manufacturing Industry

Asia-Pacific leads the automotive engine mounting brackets market, driven by its robust automotive manufacturing sector and surging vehicle demand. Countries like China, India, Japan, and South Korea are home to some of the world's largest and fastest-growing automotive markets, supported by rapid urbanization and rising disposable incomes. This growth fuels strong demand for engine mounting brackets as automakers scale up production to meet consumer needs.

Cost-effective manufacturing, abundant raw materials, and advanced production facilities further enhance the region's competitive advantage. Government initiatives promoting electric vehicle adoption and ongoing investments in infrastructure and technology also play a crucial role. Additionally, Asia-Pacific's strong export capabilities and efficient logistics networks reinforce their dominance in the global market.

Impact of the U.S. Tariffs on the Automotive Engine Mounting Brackets Market

Tariffs imposed by the United States on imported auto parts, including engine mounting brackets, have increased costs for manufacturers and disturbed the supply chains. Higher production expenses often lead to more expensive vehicles, which can reduce consumer demand. These tariffs create uncertainty for automotive companies, forcing some to reconsider sourcing strategies or scale back operations. Additionally, strained international trade relations have made it more challenging for companies to operate efficiently, potentially affecting employment levels and long-term investment in domestic automotive manufacturing.

Key Players Landscape and Outlook

The global automotive engine mounting brackets market is experiencing steady growth, propelled by rising vehicle production and the increasing demand for advanced automotive components. As vehicles become more sophisticated, there is a heightened need for engine mounting brackets that enhance performance, safety, and comfort. The shift toward electric and hybrid vehicles is also influencing the market, as these powertrains require specialized mounting solutions. Manufacturers are investing in lightweight, high-strength materials and adopting innovative manufacturing techniques to meet evolving industry standards. Despite challenges such as raw material price volatility, ongoing advancements, and the push for fuel efficiency, they are expected to sustain market expansion in the forecast period. Companies are expected to focus on limiting the engine sound inside the vehicle, building sound-resistant brackets.

For instance, in April 2023, Vibracoustic SE developed an innovative air supply unit bracket with enhanced NVH features. The bracket improves NVH performance with radial and axial damping, provides reduced weight and complexity, and reduces the resonance caused by the compressor excitations.

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*Companies mentioned above DO NOT hold any order as per market share and can be changed as per information available during research work.

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