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Automotive Active Engine Mount Market Forecasts to 2032 – Global Analysis By Type (Hydraulic Active Engine Mounts and Electromagnetic Active Engine Mounts), Vehicle Type (Passenger Vehicles, Commercial Vehicles and Electric Vehicles), Material, Mounting Position, Sales Channel and By Geography

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Abstracts

According to Stratistics MRC, the Global Automotive Active Engine Mount Market is accounted for $3.48 billion in 2025 and is expected to reach $6.24 billion by 2032 growing at a CAGR of 8.7% during the forecast period. An Automotive Active Engine Mount (AEM) is an advanced vibration isolation system used in modern vehicles to reduce noise, vibration, and harshness (NVH) levels inside the cabin. Active engine mounts use sensors, actuators, and electronic control units to actively counteract engine vibrations by creating opposing forces, in contrast to traditional passive engine mounts that only use rubber or hydraulic damping. In cars with electric drive trains, hybrids, and downsized turbocharged engines, where erratic torque variations and start-stop operations add to vibrations, this technology is especially helpful. Moreover, AEMs are essential for meeting strict emission regulations, supporting lightweight engine designs, and satisfying the growing demand from consumers for high-end driving experiences by improving ride comfort, increasing cabin quietness, and safeguarding vehicle components.

According to Z. Si et al. (2022), an active engine mount design leveraging a magnetostrictive Terfenol-D actuator, coupled with hydraulic amplification and controlled via an x-LMS state feedback algorithm, demonstrated simulation-based performance where transmitted force and relative displacement were reduced by approximately 98.24% and 1.06%, respectively, compared to a passive mount at 3000 rpm.

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Market Dynamics:

Driver:

Growing need for cabin comfort and NVH reduction

The growing desire for better noise, vibration, and harshness (NVH) control to guarantee quieter and more comfortable rides is one of the main factors propelling the automotive active engine mount market. Automakers are incorporating active mounts that can dynamically counter engine vibrations for improved cabin comfort as consumer expectations rise, particularly in premium and luxury vehicle segments. Moreover, active systems, as opposed to passive mounts, greatly enhance the driving experience by instantly eliminating vibrations using sensors and actuators. Manufacturers are investing heavily in advanced NVH technologies because urban buyer’s value comfort over raw performance, which is driving the steady increase in the use of active engine mounts.

Restraint:

High costs of integration and manufacturing

The high cost of integration and manufacturing for automotive active engine mounts is one of the main factors preventing their widespread use. Complex components like sensors, actuators, and electronic control units (ECUs) are used in active systems as opposed to traditional passive mounts, which raises production costs considerably. Engineering complexity is also increased by the extra software and calibration needed to synchronize mounts with the vehicle's engine management system. Manufacturers frequently steer clear of incorporating such costly technologies in budget and mid-segment vehicles, where cost sensitivity is high. Because of this, active mounts are still comparatively uncommon in mass-market segments, even though they are popular in premium and luxury automobiles.

Opportunity:

Growing interest in high-end and luxurious automobiles

The growing consumer preference for luxury and premium vehicles presents another major growth opportunity for active engine mounts. This segment's customers value minimal NVH levels, excellent ride quality, and cabin comfort highly. In response,

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automakers are using cutting-edge technologies like active mounts to set themselves apart from the competition. It is anticipated that luxury car sales will rise sharply in emerging economies, particularly in Asia-Pacific, as disposable incomes rise. Due to their widespread use in luxury cars, active mounts present a significant opportunity for adoption. Presumably, the luxury market will continue to be a major source of income.

Threat:

Price pressure and fierce competition

The fierce rivalry between suppliers of automotive components poses a serious threat to the active engine mount market. Many regional and international companies are joining the market as demand rises, which is causing price wars and declining profit margins. Automakers are extremely cost-conscious and frequently engage in aggressive negotiations, which forces suppliers to lower their prices, especially in mass-market segments. Because of the low returns, manufacturers may be reluctant to make significant investments in R&D, which could stifle innovation. Additionally, long-term price pressure may limit the advancement of cutting-edge mount technologies and lessen supplier differentiation, which would affect the market's overall expansion.

Covid-19 Impact:

Due to global supply chain disruptions, halted manufacturing operations, and sharp drops in vehicle sales during lockdowns, the COVID-19 pandemic had a major negative impact on the automotive active engine mount market. Due to a sharp decline in consumer demand for new vehicles, especially luxury and premium models where active engine mounts are most prevalent, automakers delayed production schedules and investments in these cutting-edge components. Adoption was further delayed by shortages of semiconductors and raw materials. However, as economies recovered after the pandemic, the market started to recover. The demand for active engine mounts gradually increased as a result of the renewed focus on comfort, electrification, and advanced NVH solutions.

The hydraulic active engine mounts segment is expected to be the largest during the forecast period

The hydraulic active engine mounts segment is expected to account for the largest market share during the forecast period because they successfully reduce noise, vibration, and harshness (NVH) by combining active control systems with the tried-and-

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true damping power of hydraulic mounts, these mounts are widely used. Both premium and mid-segment vehicles favor them due to their affordability, robustness, and capacity to manage a wide range of vibration frequencies. Because hydraulic active mounts strike a balance between performance and cost, they are preferred by automakers for smoother rides and more comfortable interiors. Moreover, their dominant market share has been established by their strong integration across multiple vehicle categories.

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

Over the forecast period, the aluminum segment is predicted to witness the highest growth rate. The automotive industry's significant move toward lightweight materials to increase vehicle performance, lower emissions, and improve fuel economy is what's driving this growth. Compared to their more conventional steel or rubber counterparts, aluminum-based active mounts provide a better balance of strength, durability, and weight reduction, which makes them ideal for contemporary automobiles, including electric and hybrid models. Aluminum mounts also increase corrosion resistance and heat resistance, which lengthen their lifespan. Additionally, aluminum mount demand is still rising quickly as automakers prioritize lightweighting techniques and high-end comfort.

Region with largest share:

During the forecast period, the Europe region is expected to hold the largest market share, reinforced by the widespread use of cutting-edge NVH reduction technologies to improve ride comfort by top premium and luxury automakers like BMW, Mercedes-Benz, Audi, and Volkswagen. The adoption of active mounts is fueled by the region's developed automotive industry, strong consumer demand for luxury cars, and stringent noise and emissions regulations. Furthermore, propelling market expansion is Europe's early adoption of hybrid vehicles and electrification. Europe is still the market leader for active engine mounts worldwide owing to its strong supply chains, well-established R&D facilities, and emphasis on innovation.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, driven by the quick expansion of the automobile industry, growing disposable incomes, and the growing desire for passenger car comfort features. Leading nations include China, India, Japan, and South Korea; China is the biggest center for

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automobile manufacturing, while Japan and South Korea are at the forefront of technological advancements. Active mount deployment is further accelerated by the growing use of electric and hybrid vehicles as well as by pro-cleaner and more efficient mobility policies from the government. Moreover, Asia-Pacific is the regional market with the fastest rate of growth due to emerging economies' growing preference for premium and mid-segment automobiles.

Key players in the market

Some of the key players in Automotive Active Engine Mount Market include Continental AG, Hutchinson SA, Freudenberg Group, BOGE Rubber & Plastics Inc, Cummins Inc., Mahle GmbH, Hyundai Motor Company, BWI Group, ZF Friedrichshafen AG, Vibracoustic GmbH, Bridgestone Corporation, Yamashita Rubber Co., Ltd., Bhagyashree Accessories Pvt. Ltd., Sumitomo Riko Company Limited, Cooper-Standard Holdings Inc. and Mitsubishi Heavy Industries Ltd.

Key Developments:

In June 2025, Cummins Inc. entered into two significant credit agreements with JPMorgan Chase Bank, N.A., allowing for up to $2 billion in revolving and swingline loans under each agreement. These agreements, a 5-Year Credit Agreement maturing in 2030 and a 3-Year Credit Agreement maturing in 2028, replace previous agreements and include options for incremental term loans.

In February 2025, Hyundai Motor Group has signed a scholarship agreement to nurture talent from Africa at SOAS University of London, a university that is home to leading international experts engaged in research and teaching to create meaningful change and empower students to find solutions to global challenges.

In September 2024, Continental and Vitesco Technologies have reached an agreement based on their corporate separation agreement regarding the appropriate allocation of costs and liabilities from the investigations in connection with the supply of engine control units and engine control software. Accordingly, Vitesco Technologies will pay Continental €125 million.

Types Covered:

Hydraulic Active Engine Mounts

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Electromagnetic Active Engine Mounts

Vehicle Types Covered:

Passenger Vehicles

Commercial Vehicles

Electric Vehicles

Materials Covered:

Rubber

Steel

Aluminum

Mounting Positions Covered:

Front Engine Mount

Side Engine Mount

Rear Engine Mount

Sales Channels Covered:

OEM (Original Equipment Manufacturer)

Aftermarket

Regions Covered:

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North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

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- Argentina
- Brazil
- Chile
- Rest of South America

Middle East & Africa

- 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 2024, 2025, 2026, 2028, and 2032
- 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

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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)

Competitive Benchmarking

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

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