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Engine Mount Market Forecasts to 2030 – Global Analysis By Type (Rigid Mount, Resilient Mount, Hydraulic Mount, Semi-active Mount and Active Mount), Material, Vehicle Type, Sales Channel and By Geography

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Abstracts

According to Stratistics MRC, the Global Engine Mount Market is accounted for $5007.57 million in 2024 and is expected to reach $7204.45 million by 2030 growing at a CAGR of 6.3% during the forecast period. An engine mount is an essential part of machinery and automobiles that holds the engine to the frame or chassis while absorbing shocks and vibrations. Usually composed of rubber and metal, it stops excessive movement, which lowers wear and noise. Engine mounts ensure smooth operation by supporting engine alignment and stability. Some sophisticated mounts adjust to driving conditions using electrical or hydraulic devices. Worn mounts may eventually cause damage, misalignment, or excessive vibrations. Maintaining performance and reducing structural stress on the equipment or vehicle requires prompt replacement and routine inspection.

Market Dynamics:

Driver:

Rising demand for electric vehicles (EVs)

The load dynamics and frequency ranges that EV mounts must manage differ from those of conventional internal combustion engine mounts. To improve ride comfort and longevity, automakers are spending money on sophisticated hydraulic and elastomeric mounts. The design and uptake of novel engine mounts are also influenced by the

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move towards lightweight materials in EVs. Furthermore, the need for high-performance mounting solutions is increased by the expanding global production of EVs. Manufacturers are concentrating on creating smart and adaptable engine mounts to satisfy changing industry demands as EV adoption picks up speed.

Restraint:

High cost of advanced engine mounts

Costly components like composites and speciality rubber raise manufacturing costs, which restricts the availability of these mounts. Costly mounts may be resisted by automakers, particularly in price-sensitive areas, which would impede market growth. High prices can cause customers to choose less expensive, traditional alternatives, which lowers aftermarket demand. The cost of research and development for novel mounts raises prices even more, preventing broad use. As a result, even with technical breakthroughs, the industry is expected to develop more slowly.

Opportunity:

Adoption of smart & active mounts

Enhancing engine stability results in lower emissions and increased fuel economy. In order to comply with strict regulations and improve the driving experience, automakers are using these mounts. Active mounts with adjustable damping are becoming more and more in demand as electric and hybrid cars become more popular. Market expansion is fuelled by consumers' growing desire for luxuries and smoother rides. Opportunities in this industry are constantly growing thanks to developments in material science and IoT integration.

Threat:

Competition from alternative technologies

Conventional engine mounts are becoming less necessary as EVs become more popular since they require fewer and various kinds of mounts. By providing improved vibration control, developments in active and adaptive mounting systems potentially pose a threat to conventional mounts. Additionally, contemporary cars' modular chassis designs and lightweight composite materials lessen their need on conventional mounts. In order to remain competitive, manufacturers must innovate or diversify which raises

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costs and creates uncertainty in the market. As a result, the engine mount market grows more slowly and may see decreases in several important areas.

Covid-19 Impact

The COVID-19 pandemic significantly impacted the engine mount market due to disruptions in the automotive and aerospace industries. Lockdowns, supply chain bottlenecks, and decreased vehicle production led to reduced demand for engine mounts. Manufacturers faced raw material shortages, labor constraints, and financial instability, further slowing market growth. However, as economies reopened, the market saw a gradual recovery, driven by rising vehicle sales and increased investments in electric and hybrid vehicles. The shift towards sustainable mobility and advancements in lightweight materials are expected to shape the market's post-pandemic growth trajectory.

The hydraulic mount segment is expected to be the largest during the forecast period

The hydraulic mount segment is expected to account for the largest market share during the forecast period by offering superior vibration dampening and noise reduction, enhancing vehicle comfort. It is widely adopted in passenger and luxury vehicles due to its ability to absorb engine vibrations effectively. Advancements in materials and fluid dynamics have improved its durability and performance, increasing demand. Automakers prefer hydraulic mounts for better engine stability and reduced wear on surrounding components. The growing focus on fuel efficiency and smoother ride quality further boosts its adoption.

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

Over the forecast period, the commercial vehicles segment is predicted to witness the highest growth rate, due to high vehicle production and fleet expansion. Increasing demand for trucks and buses in logistics, construction, and public transport boosts engine mount sales. Heavy-duty vehicles require durable and high-performance engine mounts to withstand vibrations and enhance stability. Rising e-commerce and last-mile delivery services further escalate commercial vehicle adoption, fuelling market growth. Stringent emission norms push manufacturers to develop advanced engine mounts for fuel-efficient and electric commercial vehicles.

Region with largest share:

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During the forecast period, the Europe region is expected to hold the largest market share due to the rising demand for electric and hybrid vehicles. Innovation in mount designs is being fuelled by strict emission standards and a need for lightweight materials. The need for high-performance mounts is fuelled by the automobile manufacturing dominance of Germany, France, and the UK. In order to improve vehicle comfort and efficiency, major players concentrate on long-lasting, noise-reducing technologies. The market is changing as a result of the move towards electric mobility, encouraging the use of hydraulic engine mounts and improved elastomers for increased stability.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, owing to the increased vehicle production, rising demand for electric and hybrid vehicles, and advancements in vibration control technology. Countries like China, Japan, India, and South Korea lead the market due to strong automotive manufacturing bases and technological innovations. Growth is further fuelled by urbanization, higher disposable incomes, and stringent regulations on vehicle performance and safety. Major players are investing in durable, lightweight materials and smart engine mounts to enhance efficiency and reduce noise, vibration, and harshness (NVH) levels in modern vehicles.

Key players in the market

Some of the key players profiled in the Engine Mount Market include Continental AG, Hutchinson SA, Sumitomo Riko Company Limited, Bridgestone Corporation, ZF Friedrichshafen AG, Vibracoustic SE, BOGE Rubber & Plastics, Cooper Standard, Trelleborg AB, Toyo Tire & Rubber Co. Ltd, BWI Group, Mitsubishi Heavy Industries Ltd, Cummins Inc, Yamashita Rubber Co Ltd, Freudenberg Group, Moog Inc, Corteco and TrelleborgVibracoustic.

Key Developments:

In February 2023, Cummins and Komatsu partnered to create an integrated approach to equipment and engine monitoring. This collaboration aimed to optimize maintenance for mining operations, potentially impacting engine mount designs and applications in the mining sector.

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In August 2023, MHI and Nippon Shokubai entered into a joint development agreement to create an ammonia cracking system. This system aims to facilitate the safe transport and storage of hydrogen by utilizing ammonia as a carrier. The collaboration leverages MHI's expertise in ammonia and hydrogen handling and Nippon Shokubai's catalyst technologies.

In August 2023, Sumitomo Riko, along with Sumitomo Rubber Industries and Sumitomo Electric, entered into a joint development agreement with LanzaTech, a U.S.-based carbon recycling firm. The collaboration aims to develop recycling technologies that transform waste materials, including rubber, into valuable resources, contributing to a circular economy.

Types Covered:

- Rigid Mount
- Resilient Mount
- Hydraulic Mount
- Semi-active Mount
- Active Mount

Materials Covered:

- Elastomeric Materials
- Metallic Materials
- Composite Materials

Vehicle Types Covered:

- Passenger Cars
- Commercial Vehicles

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- Electric Vehicles
- Two-Wheelers
- Other Vehicle Types

Sales Channel Covered:

- OEM (Original Equipment Manufacturer)
- Aftermarket

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany
  - UK
  - Italy
  - France
  - Spain
  - Rest of Europe

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- 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
  - Saudi Arabia
  - UAE
  - Qatar
  - South Africa
  - Rest of Middle East & Africa

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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)

Competitive Benchmarking

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

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