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Automotive Clutch Market Forecasts to 2032 – Global Analysis By Product Type (Friction Clutch, Hydraulic Clutch, Electromagnetic Clutch, Centrifugal Clutch and Cone Clutch), Component, Transmission Type, Vehicle Type, Sales Channel and By Geography

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Abstracts

According to Stratistics MRC, the Global Automotive Clutch Market is accounted for $15.17 billion in 2025 and is expected to reach $21.20 billion by 2032 growing at a CAGR of 4.9% during the forecast period. The automotive clutch is an essential mechanical component that links the engine to the transmission, facilitating smooth power engagement and disengagement. It allows drivers to shift gears without stalling the engine, maintaining efficient vehicle operation. By using friction between the clutch disc and flywheel, it transmits engine torque to the drivetrain effectively. Contemporary clutches are engineered to withstand heat, high torque, and prolonged use. While primarily used in manual transmissions, automatic systems employ similar mechanisms like torque converters. Regular clutch upkeep improves driving performance, prevents wear, and enhances fuel efficiency, ensuring the transmission system's durability and overall vehicle reliability over time.

According to the Society of Indian Automobile Manufacturers (SIAM), India produced over 25 million vehicles in FY 2022–23, including passenger cars, commercial vehicles, and two-wheelers. A significant portion of these vehicles use manual or semi-automatic transmissions, which rely on clutch systems—especially in the two-wheeler and compact car segments.

Market Dynamics:

Driver:

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Growing demand for manual transmission vehicles

The automotive clutch market is benefitting from the growing popularity of manual transmission vehicles, especially in developing countries. Manual gear systems are cost-efficient, consume less fuel, and have simpler maintenance, attracting economically conscious buyers. In commercial and heavy-duty vehicles, they provide superior torque management and precise power control. Rising urbanization and expanding middle-class populations have led to increased vehicle ownership, further boosting clutch demand. Driving enthusiasts also favor manual systems for better handling and performance. With automobile manufacturers continuing to offer manual variants, the need for reliable and high-performance clutch systems is rising, thereby positively impacting the growth and expansion of the automotive clutch market.

Restraint:

High maintenance and replacement costs

The automotive clutch market is restrained by the high costs associated with maintenance and replacement. Manual clutch systems require routine checks, adjustments, and eventual replacement due to friction material wear. In high-performance or commercial vehicles, repair or replacement expenses can be significant, discouraging consumer investment. Additionally, clutch servicing is labor-intensive and often requires skilled technicians, further increasing costs. Frequent maintenance needs reduce the appeal of manual vehicles, particularly in regions with higher service expenses. Coupled with the availability of low-maintenance automatic transmission alternatives, these cost-related challenges limit the growth potential of the traditional clutch market, making consumers and manufacturers cautious about expanding reliance on conventional clutch systems.

Opportunity:

Advancements in lightweight and high-performance clutches

The development of lightweight and high-performance clutch systems creates new opportunities in the automotive market. Materials such as carbon fiber composites and advanced ceramics decrease component weight while improving durability, heat tolerance, and friction efficiency. These innovations enhance fuel economy, facilitate smoother gear transitions, and improve overall vehicle performance. Manufacturers are

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focusing on dual-clutch and electronically controlled systems to satisfy growing demand for high-performance, environmentally friendly vehicles. Lightweight clutches also help automotive companies meet strict emissions standards. With consumers increasingly valuing efficiency, reliability, and superior driving experience, these technological innovations provide a significant opportunity for automotive clutch manufacturers to expand their market presence worldwide.

Threat:

Intense competition among manufacturers

The automotive clutch market faces threats from fierce competition among manufacturers. Both global and regional players vie to provide advanced, cost-efficient products along with strong after-sales support, resulting in downward price pressures and shrinking profit margins. Entry of new competitors and low-cost producers, particularly in developing regions, further intensifies market rivalry, challenging established firms to preserve their share. Continuous R&D investment is necessary to offer differentiated, technologically advanced products and meet evolving consumer expectations, increasing operational expenditures. Companies unable to innovate or maintain competitive pricing risk losing customers and revenue. Hence, intense competition poses a significant challenge to sustained profitability and growth in the automotive clutch market.

Covid-19 Impact:

The automotive clutch market faced significant challenges during the COVID-19 pandemic due to widespread lockdowns, supply chain disruptions, and decreased vehicle manufacturing. Temporary closures of production facilities delayed the manufacturing and distribution of clutch components. Economic uncertainty and declining vehicle sales reduced consumer demand, further affecting market performance. Interruptions in raw material supply and transportation issues increased costs and prolonged delivery timelines. Automotive companies were compelled to implement operational adjustments, cost-reduction strategies, and prioritize critical production. Although the market gradually recovered with reopening and rising vehicle demand, the pandemic exposed weaknesses in the clutch supply chain and underscored the importance of resilient operations and adaptive strategies to mitigate future disruptions.

The friction clutch segment is expected to be the largest during the forecast period

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The friction clutch segment is expected to account for the largest market share during the forecast period, largely due to its extensive use in manual transmission vehicles. Its straightforward design, reliability, and affordability make it the first choice for most passenger cars, commercial trucks, and light-duty vehicles. Friction clutches enable smooth power engagement and effective torque transfer from the engine to the drivetrain, contributing to overall vehicle efficiency. Their robustness under varying torque conditions and long service life further reinforces their leading position. In addition, the widespread knowledge of friction clutch systems among manufacturers and service technicians promotes consistent adoption. Consequently, friction clutches continue to represent the largest and most widely implemented segment within the automotive clutch market.

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

Over the forecast period, the actuation system segment is predicted to witness the highest growth rate due to the increasing implementation of advanced transmission technologies. With the shift toward automated manual and electronically controlled transmissions, demand for hydraulic, electro-mechanical, and pneumatic actuation systems is rising significantly. These systems improve shift precision, reduce driver effort, and provide smoother gear engagement, making them essential in modern vehicles. Integration with vehicle electronics and safety features supports enhanced performance, efficiency, and driving comfort. As consumers seek greater convenience, automation, and superior driving experiences, the adoption of sophisticated clutch actuation systems continues to expand rapidly, positioning this segment as the fastest-growing area in the global automotive clutch market.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share, driven by rapid industrial growth, urbanization, and expanding vehicle production in nations like China, India, and Japan. The region serves as a major manufacturing hub for passenger and commercial vehicles, boosting demand for clutch systems. Increasing disposable incomes and the rise of the middle class contribute to higher vehicle ownership, especially for manual transmission vehicles, valued for their cost-effectiveness and fuel efficiency. Additionally, government initiatives and local production of automotive components support market expansion. Together, these factors establish Asia-Pacific as the leading region in terms of both revenue and

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volume, reinforcing its position as the largest contributor to the global automotive clutch market.

Region with highest CAGR:

Over the forecast period, the South America region is anticipated to exhibit the highest CAGR due to expanding vehicle manufacturing, higher disposable incomes, and increased demand for both passenger and commercial vehicles in nations like Brazil and Argentina. Rapid urbanization and industrial development are creating greater transportation requirements, which in turn drive the need for durable clutch systems. Supportive government policies for the automotive industry and infrastructure development further boost market prospects. With rising consumer preference for vehicles offering better performance and fuel efficiency, the popularity of manual and semi-automatic transmission vehicles grows, making South America the region with the fastest-growing automotive clutch market globally.

Key players in the market

Some of the key players in Automotive Clutch Market include Schaeffler AG, Valeo SA, ZF Friedrichshafen AG, Exedy Corporation, Aisin Corporation, Eaton Corporation plc, BorgWarner Inc., Magneti Marelli SpA, Continental AG, LuK, Wabco, Setco Automotive Ltd., FCC Co., Ltd., Zhejiang Tieliu Clutch Co., Ltd. and Nissin Kogyo Co., Ltd.

Key Developments:

In April 2025, ZF’s Commercial Vehicle Solutions (CVS) division has secured a multi-year contract from an undisclosed commercial vehicle manufacturer in India to supply several thousand units of its AxTrax 2 electric axle. The agreement will support the production of a new fleet of zero-emissions intercity buses.

In March 2025, Schaeffler and Vitesco entered into a merger agreement, following the approval of their respective Supervisory Boards. The agreement sets out the legally binding terms and conditions for the merger of Vitesco Technologies Group AG into Schaeffler AG. The previously published preliminary exchange ratio of 5 to 57 was confirmed as binding in the signed agreement.

In January 2024, Valeo and Teledyne FLIR, part have started a strategic collaboration to bring thermal imaging technology to the automotive industry to enhance the safety of road users. Valeo and Teledyne FLIR will deliver the first Automotive Safety Integrity

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Level (ASIL) B thermal imaging technology for night vision ADAS.

Product Types Covered:

- Friction Clutch
- Hydraulic Clutch
- Electromagnetic Clutch
- Centrifugal Clutch
- Cone Clutch

Components Covered:

- Clutch Disc
- Pressure Plate
- Clutch Cover
- Flywheel
- Pilot Bearing
- Actuation System
- Release Bearing

Transmission Types Covered:

- Manual Transmission
- Automatic Transmission
- Dual-Clutch Transmission (DCT)

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Automated Manual Transmission (AMT)

Semi-Automatic Transmission

Vehicle Types Covered:

Passenger Cars

Light Commercial Vehicles

Heavy Commercial Vehicles

Off-Highway Vehicles

Two-Wheelers

Sales Channels Covered:

OEM (Original Equipment Manufacturer)

Aftermarket

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

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- 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

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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

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)

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Competitive Benchmarking

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

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Contents

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10 GLOBAL AUTOMOTIVE CLUTCH MARKET, BY GEOGRAPHY

11 KEY DEVELOPMENTS

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12 COMPANY PROFILING

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List Of Tables

LIST OF TABLES

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

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