

Automotive Multi-Wheel Drive Market Report by Vehicle Type (Passenger Cars, Light Commercial Vehicles, Heavy Commercial Vehicles), Transmission Type (Manual MWD, Automatic MWD), Wheel Drive Type (Front-Wheel Drive (FWD), Rear-Wheel Drive (RWD), Four-Wheel Drive (4WD)/All-Wheel Drive (AWD)), and Region 2024-2032

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Abstracts

The global automotive multi-wheel drive market size reached 16.7 Million Units in 2023. Looking forward, IMARC Group expects the market to reach 24.2 Million Units by 2032, exhibiting a growth rate (CAGR) of 4.1% during 2024-2032. The increasing participation in recreational activities, rising sales of SUVs, and the growing focus on driver safety represent some of the key factors driving the market.

Automotive multi-wheel drive (MWD), also known as all-wheel drive (AWD), is a drivetrain system that provides power to all four wheels of a vehicle simultaneously. It is designed to improve traction, stability, and handling on various types of terrain and numerous weather conditions. It comprises vehicles that have four or more than four wheels, such as sport utility vehicles (SUVs), trucks, commercial lorries, and luxury cars. It is also equipped with sensors that are installed on each wheel to monitor traction, speed, and several other data points. It is considered ideal for rough terrains like snow, ice, mud, off-road, and sand as it prevents slipping and helps push the vehicle forward. It also allows the engines to distribute the weight in a more efficient manner.

Market Trends:

The increasing use of automotive MWDs in pickup trucks for off-roading events and the

rising participation in recreational activities and adventure sports represents one of the major factors bolstering the market growth around the world. Moreover, the growing usage of automotive MWDs in military vehicles that are designed to tackle rough terrain and provide superior traction and stability in challenging environments is influencing the market positively. In addition, there is an increase in the sales of SUVs on account of rapid urbanization and inflating income levels. This, coupled with a rising focus on driver and passenger safety due to the growing instances of fatal road accidents, is driving the demand for automotive MWD in these vehicles. Apart from this, the increasing adoption of automotive MWDs in all terrain vehicles (ATVs) to improve fuel efficiency by reducing energy waste using advanced technologies, such as regenerative braking and hybrid powertrains, is favoring the growth of the market. Furthermore, the rising awareness about the benefits of using automotive MWDs, such as better weight management, safety and traction, and increased control and grip under all road conditions, is propelling the growth of the market. Besides this, the advent of automotive MWDs that are incorporated with an electronic control unit (ECU) to provide the desired driving characteristics is strengthening the growth of the market. Additionally, the growing consumer preferences towards comfort and luxury driving with enhanced driving dynamics are creating a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global automotive multi-wheel drive market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on vehicle type, transmission type and wheel drive type.

Vehicle Type Insights:

Passenger Cars

Light Commercial Vehicles

Heavy Commercial Vehicles

The report has provided a detailed breakup and analysis of the automotive multi-wheel drive market based on the vehicle type. This includes passenger cars, light commercial vehicles, and heavy commercial vehicles. According to the report, passenger cars represented the largest segment.

Transmission Type Insights:

Manual MWD

Automatic MWD

A detailed breakup and analysis of the automotive multi-wheel drive market based on the transmission type has also been provided in the report. This includes manual MWD and automatic MWD. According to the report, manual MWD accounted for the largest market share.

Wheel Drive Type Insights:

Front-wheel Drive (FWD)

Rear-wheel Drive (RWD)

Four-wheel Drive (4WD)/All-wheel Drive (AWD)

The report has provided a detailed breakup and analysis of the automotive multi-wheel drive market based on the wheel drive type. This includes front-wheel drive (FWD), rear-wheel drive (RWD), and four-wheel drive (4WD)/all-wheel drive (AWD). According to the report, four-wheel drive (4WD)/all-wheel drive (AWD) represented the largest segment.

Regional Insights:

North America

Asia Pacific

Europe

Latin America

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include Asia Pacific, North America, Europe, the Middle East and Africa, and Latin America. According to the report, North America was the largest market for automotive multi-wheel drive. Some of the factors driving the North America automotive multi-wheel drive market included significant improvements in automotive infrastructure, product innovations, integration of advanced technologies, etc.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global automotive multi-wheel drive market. Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided. Some of the

companies covered include Borg Warner Inc, Continental AG, ZF Friedrichshafen AG, JTEKT Corporation, Magna International Inc., American Axle & Manufacturing Inc., Eaton Corporation Inc., GKN Plc, Dana Incorporated, Oerlikon Group, Mitsubishi Motors Corporation., etc.

Key Questions Answered in This Report

1. What was the size of the global automotive multi-wheel drive market in 2023?
2. What is the expected growth rate of the global automotive multi-wheel drive market during 2024-2032?
3. What are the key drivers driving the global automotive multi-wheel drive market?
4. What has been the impact of COVID-19 on the global automotive multi-wheel drive market?
5. What is the breakup of the global automotive multi-wheel drive market based on the vehicle type?
6. What is the breakup of the global automotive multi-wheel drive market based on the transmission type?
7. What are the key regions in the global automotive multi-wheel drive market?
8. Who are the key players/companies in the global automotive multi-wheel drive market?

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