

Accelerator Pedal Module Market Report by Pedal Material (Plastic, Metal), Pedal Type (Floor Mounted, Suspended), Vehicle Type (Passenger Vehicle, Commercial Vehicle), End-User (OEM, Aftermarket), and Region 2024-2032

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Abstracts

The global accelerator pedal module market size reached 412.9 Million Units in 2023. Looking forward, IMARC Group expects the market to reach 516.6 Million Units by 2032, exhibiting a growth rate (CAGR) of 2.4% during 2024-2032.

Accelerator pedals are a component of accelerators that are used to regulate the supply of fuel into the combustion chamber. They are ready-to-install units consisting of pedal-travel sensor, and idle and full-load stops. They use sensors to detect the amount of pedal depression and transfer the signal to the engine control unit (ECU). The pedal travel sensor also records the movement and position of the accelerator pedal. The ECU uses this information to calculate the required torque and addresses the throttle device and the injection system.

Global Accelerator Pedal Module Market Drivers:

The earlier versions of these module were mostly made of metal and covered with rubber which not only made them heavy but also increased the possibility of corrosion. Nowadays, manufacturers are focusing on developing lightweight components for vehicles owing to the stringent government rules to meet emission standards. The advancements in material development technology have further led to the production of accelerator pedals from polyamide 6 which is lightweight and cost effective in nature. The developed regions such as North America and Europe have a concentration of the world's largest automotive manufacturers which have access to more developed equipment, strong R&D capabilities and modern technical expertise. As a result,

mechanical accelerators have been completely replaced by electronic accelerator pedals in these regions. Additionally, the increasing use of sensor-based accelerators is expected to be a major driving factor for the growth of the market. With the rapid development and industrialization in Asia, Africa and the Middle East, the automotive industry has been experiencing healthy growth. The increasing demand for automotive accelerator pedal modules for the manufacturing of passenger cars and commercial vehicles in these regions is providing a positive thrust to the growth of the overall market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global accelerator pedal module market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on pedal material, pedal type, vehicle type and end-user.

Breakup by Pedal Material:

Plastic

Metal

Breakup by Pedal Type:

Floor Mounted

Suspended

Breakup by Vehicle Type:

Passenger Vehicle

Commercial Vehicle

Breakup by End-User:

OEM

Aftermarket

Breakup by Region:

North America

Europe

Asia Pacific

Middle East and Africa

Latin America

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Robert Bosch GmbH, Denso Corporation, ZF Friedrichshafen AG, Hella KGaA Hueck & Co., United Automotive Electronic Systems Co. Ltd., F-TECH Inc., Aisan Industry Co. Ltd., Yorozu Corporation, Pacific Industrial Co. Ltd., Mikuni Corporation, Kyung Chang Industrial Co. Ltd., TT Electronics plc, Alfmeier Praezision SE, AIDA-America, Corp., AKITA KOGYO Co. Ltd., Bellsonica Corporation, Chiyoda Corporation, Chiyoda Kogyo Co., Ltd., Hanya Seisakusho Co. Ltd. and Kuroda Kagaku Co. Ltd.

Key Questions Answered in This Report

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

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