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## Report Information

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# Automotive Flywheel Market Research Report – Global Forecast till 2030

Report / Search Code: MRFR/AM/5618-HCR

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## Description:

### Automotive Flywheel Market Synopsis:

The flywheel in an automobile is used for the transmission of power produced by the engine to the propeller shaft or the driving shaft of the automobile. Flywheels are typically made up of steel. Flywheel resists the changes in rotational speed by moment of inertia. Flywheel also serves as the mounting-surface of the clutch assembly, while it also acts as a heat sink for the dissipation of heat from the pressure plate and disc. At the time of engagement i.e the contact between the clutch and the flywheel, a disc is clamped between the flywheel and pressure plate, that results in power transfer from the engine to the transmission.

The global automotive flywheel market has seen a remarkable growth. The rising production of vehicles globally in the past few years has boosted the flywheel market significantly. The demand for commercial vehicles is extensively driven by growing industrialization and growing service sectors. Rising demand for different factors such as comfort, aesthetics & safety, and continuous improvement in technology are responsible for the expansion of the automotive flywheel market. For enhancement of comfort factors, i.e. the reduction of the vibration produced within the transmission assembly, the manufacturers have developed different technologies.

Competition amongst flywheel manufacturers is a key factor responsible for the growth of the flywheel market as manufacturers constantly focus on developing different features to differentiate their products and match the weight, speed and transmission requirements of automotive manufacturers. Rising penetration of semi-automatic transmission systems globally such as AMT (Automated Manual Transmission) and DCT (Dual Clutch Transmission) in the commercial and passenger vehicles segments is likely to drive the flywheel market during the forecast period.

The prominent players in the global automotive flywheel market include Schaeffler AG (Germany), American Axle & Manufacturing, Inc. (US), AISIN SEIKI Co., Ltd (Japan), Linamar Corporation (Canada), ZF Friedrichshafen AG (Germany), Valeo SA (France), LUTHRA INDUSTRIAL CORP (India), Skyway Precision, Inc. (US), Ford Motor Company (US), and Iljin (Korea).

### Segmentation: Flywheel Market :



The global automotive flywheel market is segmented on the basis of material, type, transmission, sales channel and region. On the basis of material, the market has been segmented into cast iron, maraging steel and aluminum alloys. On the basis of type, the market has been segmented into single mass flywheel and dual mass flywheel. On the basis of transmission, the market has been segmented into manual transmission, semi-automatic transmission and automatic transmission . On the basis of vehicle type, the market has been segmented into passenger vehicles, light commercial vehicles, and heavy commercial vehicle. On the basis of sales channel, the market has been segmented into OEM and Aftermarket.

Geographically, the global automotive flywheel market has been segmented into four major regions namely North America, Europe, Asia-Pacific, and the Rest of the World. Asia-Pacific is estimated to hold the highest revenue market share throughout the forecast period owing to growing urbanization and growing purchasing power of consumers. Moreover, increased production and sales of automobiles is expected to further boost the demand for flywheels in this region.

The report for global automotive flywheel market of market research future covers extensive primary research. This is accompanied with detailed analysis of qualitative and quantitative aspects by various industry experts and key opinion leaders to gain deeper insights into the market and industry performance. The report gives a clear picture of the current market scenario, which includes the historical and forecasted market size, in terms of value and volume, technological advancement, macroeconomic, and governing factors of the market. The report provides comprehensive information about the strategies of the top companies in the industry, along with a broad study of the different market segments and regions.

## Global Automotive Flywheel Market

Automotive Flywheel market is estimated to grow at a CAGR of approx. XX%.



### BY MATERIAL

- Cast Iron
- Maraging Steel
- Aluminum Alloy

### BY TYPE

- Single Mass
- Dual Mass

### BY TRANSMISSION

- Manual
- Semi-Automatic
- Automatic

### BY VEHICLE TYPE

- Passenger Car
- LCV
- HCV

### BY SALES CHANNEL

- OEM
- Aftermarket

### Global Automotive Flywheel Market Share, by Region



#### DRIVER:

- The past few years has boosted the flywheel market effortlessly



#### OPPORTUNITY:

- To growing urbanization and growing purchasing power of consumers



#### KEY PLAYERS:

- Chaeffler AG (Germany)
- American Axle & Manufacturing Inc. (US)
- AISIN SEIKI Co.Ltd (Japan)
- Linamar Corporation (Canada)
- ZF Friedrichshafen AG (Germany)
- Valeo SA (France)
- LUTHRA INDUSTRIAL CORP (India)
- Skyway Precision Inc. (US)
- Ford Motor Company (US)
- Iljin (Korea).



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