

# **Cylinder Deactivation System Market by Component, No. of Cylinders (4 & 6 and Above), Valve Actuation Method (Overhead Camshaft & Pushrod Design), Fuel Type (Gasoline & Diesel), Vehicle Type (Passenger Vehicle & LCV), and Region - Global Forecast to 2025**

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## **Abstracts**

“Increasing adoption of fuel-efficient technologies and increasing sales of light commercial vehicles are anticipated to trigger the growth of the cylinder deactivation system market.”

The global cylinder deactivation system market is projected to grow at a CAGR of 1.9%, to reach USD 5.1 billion by 2025 from an estimated USD 4.6 billion in 2020. Increasing demand for fuel-efficient vehicles, stringent emission norms, and increasing sales of vehicles fitted with larger volume engines are the key growth drivers of the cylinder deactivation system market. However, excessive oil consumption in vehicles and system prone to vibrations and mechanical noise can restrain the growth of the cylinder deactivation system market during the forecast period.

“6 cylinders and above segment is expected to dominate the cylinder deactivation system market during the forecast period.”

Engines with more cylinders have a cylinder deactivation system to facilitate the deactivation of a few cylinders when the vehicle is cruising. This process helps decrease fuel consumption and improves fuel efficiency on long roads or highways. The increasing consumer preference for vehicles with more power is also expected to drive the 6 cylinder and above segment in the cylinder deactivation system market.

“Passenger vehicle segment is expected to dominate the cylinder deactivation system

market.”

The production of passenger vehicles is higher than light commercial vehicles in most of the developed as well as developing countries. Also, passenger vehicles are now equipped with engines that produce maximum power. In addition, passenger vehicles now feature modern fuel efficient technologies such as cylinder deactivation and VVT. Thus, the passenger vehicle segment is expected to dominate the cylinder deactivation system market.

“Rest of the World is expected to record the highest growth rate during the forecast period.”

Leading global OEMs have set up production base and expanded operations in the Rest of the World region due to low manufacturing cost, availability of cheap labor, and several other advantages. With an increasing number of trade and technology agreements with developed as well as developing countries, countries in the RoW region have become economically strong. Economic growth has, in turn, resulted in the growth of automotive and other adjacent sectors.

In-depth interviews were conducted with CEOs, marketing directors, innovation and technology directors, and executives from various key organizations operating in the market.

By Company Type: Tier I – 40%, Tier II – 30%, and OEMs – 30%

By Designation: C-Level – 45%, D-Level – 30% and Others – 25%

By Region: North America – 35%, Asia Pacific – 30%, Europe – 15%, Latin America – 10%, and RoW – 10%

The market comprises major manufacturers such as Eaton (Ireland), Delphi Technologies (UK), Schaeffler (Germany), Bosch (Germany), and Continental (Germany). The study includes an in-depth competitive analysis of these key players in the market with their company profiles, recent developments, and key market strategies.

Research Coverage:

The study covers the market across segments. It aims at estimating the market size and

future growth potential of this market across different segments such as component, number of cylinders, valve actuation method, fuel type, vehicle type, and region. The study also includes an in-depth competitive analysis of the key players in the market, along with their company profiles, key observations related to product and business offerings, recent developments, and key market strategies.

#### Key Benefits of Buying the Report:

The report will help the leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to better position their businesses and plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

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