

Cylinder Deactivation System Market Growth Analysis With Investment Opportunities For 2024-2033

*The Business Research Company's
Cylinder Deactivation System Global
Market Report 2024 – Market Size,
Trends, And Global Forecast 2024-2033*

LONDON, GREATER LONDON, UK,
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The [cylinder deactivation system
market](#) has experienced robust growth
in recent years, expanding from \$3.50
billion in 2023 to \$3.69 billion in 2024

at a compound annual growth rate (CAGR) of 5.4%. The growth in the historic period can be attributed to growing demand for downsized engines, increasing hybridization trends, increased adoption by automakers, surging adoption of pushrod design methods, and growing demand for fuel efficiency.

Strong Future Growth Anticipated

The cylinder deactivation system market is projected to continue its strong growth, reaching \$4.61 billion in 2028 at a compound annual growth rate (CAGR) of 5.7%. The growth in the forecast period can be attributed to rising adoption of cylinder deactivation, increasing consumer demand for more fuel-efficient vehicles, increasing vehicle ownership, rising vehicle production, and increasing sales of large volume engine.

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Growth Driver Of The Cylinder Deactivation System Market

The increasing vehicle production is expected to propel the growth of the cylinder deactivation system going forward. Vehicle production is a complex, multi-faceted process that involves numerous industries and technologies, requiring coordination and precision to ensure the production of reliable and safe vehicles. The demand for vehicles is due to economic growth and urbanization, increasing globalization and market expansion, infrastructure development, and



cultural and social influences. Cylinder deactivation systems are integrated into vehicle production to enhance fuel efficiency and reduce emissions by integrating cylinder deactivation systems into vehicle production, manufacturers create engines that deliver better fuel efficiency and lower emissions without compromising power and performance when needed.

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Major Players And Market Trends

Key players in the cylinder deactivation system market include Toyota Motor Corporation, Volkswagen AG, Ford Motor Company, Bayerische Motoren Werke AG (BMW), Continental AG, Robert Bosch GmbH.

Major companies operating in the cylinder deactivation system market are developing innovative products such as cylinder deactivation systems for heavy-duty diesel engines to improve fuel efficiency, reduce emissions, and enhance engine performance. Cylinder deactivation technology for heavy-duty diesel engines provides heavy-duty trucks and engine makers with an effective way to improve fuel efficiency and meet increasingly stringent emissions standards, especially for low-load operating conditions.

Segments:

- 1) By Component: Valve Solenoid, Engine Control Unit, Electronic Throttle Control
- 2) By Actuation Method: Overhead Camshaft design, Pushrod Design
- 3) By End-User: Passenger cars, Light Commercial Vehicles

Geographical Insights: North America Leading The Market

North America was the largest region in the cylinder deactivation system market in 2023. The regions covered in the cylinder deactivation system market report are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, Africa.

Cylinder Deactivation System Market Definition

A cylinder deactivation system is a technology used in internal combustion engines to improve fuel efficiency and reduce emissions. It works by temporarily shutting down some of the engine's cylinders under light-load conditions, such as during highway cruising or when the vehicle is coasting. A cylinder deactivation system enhances fuel economy and reduces environmental impact without compromising the engine's performance when full power is needed.

Cylinder Deactivation System Global Market Report 2024 from The Business Research Company covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan,

Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Cylinder Deactivation System Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on [cylinder deactivation system market size](#), cylinder deactivation system market drivers and trends, cylinder deactivation system market major players, cylinder deactivation system competitors' revenues, cylinder deactivation system market positioning, and cylinder deactivation system market growth across geographies. The cylinder deactivation system market report helps you gain in-depth insights into opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

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