

# Automotive Balance Shaft Market 2023 || Top companies - OTICS ,SANSERA ENGINEERING ,SHW AG,SKF GROUP AB,TFO

*Specific automotive engines with asymmetric design exhibit a second level of engine vibration, even when the engine is well-balanced.*

PORTLAND, OR, UNITED STATES, January 12, 2022 /EINPresswire.com/ -- The global automotive balance shaft market was valued at \$10,027 million in 2016, and is expected to reach at \$14,848 Million by 2023, with a CAGR of 5.5% from 2017 to 2023. Specific automotive engines with asymmetric design exhibit a second level of engine vibration, even when the engine is well-balanced. An automotive balance shaft is integrated to offset the vibrations created by the engine. A balance shaft is manufactured by either casting or forging. Forging involves shaping the shaft from a steel bar, through roll forging. It is noted that forged balance shafts are lighter, compact, and can inherent damping more effectively in comparison with casted balance shafts.

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Companies covered in this report study:

- MITEC-JEBSEN AUTOMOTIVE SYSTEMS (DALIAN) CO LTD
- MITSUBISHI SEIMITSU INDUSTRY CO., LTD
- NINGBO JINGDA HARDWARE MANUFACTURE CO., LTD.
- OTICS CORPORATION
- SANSERA ENGINEERING PVT. LTD
- SHW AG
- SKF GROUP AB
- TFO CORPORATION

Rising demand for the Inline-4 Cylinder Engine especially in the Asia-Pacific region has played a vital role in driving the automotive balance shaft market. Further, the need for eco-friendly automobiles is increasing, owing to the strict government emission policies. However, demand for electric vehicle has hampered the growth of the automotive balance shaft market to a greater extent. On the other hand, pressure over the manufacturers to integrate balance shafts in automobiles to provide engines with reduced vibration, noise and vibration is likely to create greater opportunities for the key players operating in automotive balance shaft market.

The automotive balance shaft market is segmented based on engine type, manufacturing

process, vehicle type, and geography. The engine type covered in the market research report include Inline-3 Cylinder Engine, Inline-4 Cylinder Engine, Inline-5 Cylinder Engine, and V6 engine. The manufacturing processes discussed in the study are forged and cast processes. The types of vehicle are passenger cars, light commercial vehicle (LCV), heavy commercial vehicle (HCV), and others. The regions considered in the study of automotive balance shaft market are North America, Europe, Asia-Pacific, and LAMEA.

Inline-4 cylinder is one of the most common engines. It is small and compact as it easily fits in nearly every engine bay. It's also lightweight, and with only one exhaust manifold, weight is further reduced. In addition, superior fuel economy, affordable nature, is generating the demand for Inline-4 cylinder engine. Moreover, engine designs such as turbocharged 4-cylinder engine offers great power as well as miles per gallon. Until recently, it was standard practice for mainstream 4-cylinder vehicles to feature an optional, extra-cost V6. But with fuel economy taking center stage, many automakers have replaced those V6s with turbocharged 4-cylinders that make V6-like power but get more miles per gallon. Hyundai started this trend with the current Sonata; others have followed suit, including Chevrolet with the new Malibu. Notably, turbo 4-cylinders are spreading to luxury cars, as well. Even BMW has dropped the 328i's iconic 6-cylinder engine in favor of a turbo 4-cylinder in JAN 2017. Thus, such rise in demand for the Inline-4-cylinder engine is propelling the growth of automotive balance shaft market.

A battery electric car has no engine, it has only a motor, battery, and inverter, but its real advantage is torque (instant power available on demand). It does not require warming up, which makes them much efficient as compared to traditional vehicles. Also, there is no need for a gearbox as the power is delivered instantly. In addition, there is no oil to change or exhaust rattle. Furthermore, the vehicle's computer system has a number of complex algorithms to sync up the wheels and to ensure the vehicle drives smoothly and handles well. Using such input from the steering wheel, brake, and gas pedal it also analyzes data as often as 100 times per second. These features fuel the rise in demand of the electric vehicle, which in turn hampers the automotive balance shaft market growth.

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#### Key Benefits

- This study comprises analytical depiction of the global automotive balance shaft market with current trends and future estimations to depict the imminent investment pockets.
- The overall market potential is determined to understand the profitable trends to gain a stronger foothold.
- The report presents information related to key drivers, restraints, and opportunities with a detailed impact analysis.
- The current automotive balance shaft market is quantitatively analyzed from 2017 to 2023 to highlight the financial competency of the automotive balance shaft market.
- Porter's Five Forces analysis illustrates the potency of the buyers and suppliers in the industry.

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