



# Genuine Cummins Camshaft

## #BadhoBefikar



- Transfers rotational motion of crankshaft into translational motion to actuate the engine valves.
- Enables precise opening and closing of valves.



### Features

- Carefully designed and precisely machined camshaft intake and exhaust lobe profiles

- High hardness above 70 HRC maintained on surface profiles - cam lobe area and journals

- Right selection of material and geometry for the camshaft to withstand loads

- Accurately designed geometrical interfaces with the block, bearing and gear



### Advantages

- Actuate valves timing precisely for engine to achieve optimum efficiency and the engine brakes to deliver required engine braking power

- Minimal wear leading to precise operation of the valves over the lifetime of the engine

- Designed to operate at a high RPM of 3750 and high load

- Optimum performance over the lifetime



### Benefits

- Adequate power and torque at all engine operating conditions

- Demonstrated life of over 7 lakhs km

- Adequate strength of the component at all operating conditions

- Higher durability with consistent performance



# Risks of Non-genuine Parts

› Camshaft breakage due to geometry not as per specifications



› Cam lobe wear due to lobe hardness not as per specification



- Faster cam lobe wear due to usage of low grade material which will lead to lesser valve opening and consequentially **poor pick up, low mileage and less power**
- **Loss of performance over time**
- **Unplanned engine overhaul**
- Early life **catastrophic engine failure** and may even damage the block



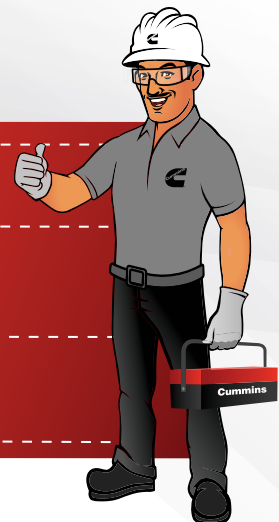
# Why use Genuine Cummins Parts



Designed for functioning over entire engine life span

4000+ hours of cumulative testing done to ensure premium quality of Genuine Cummins parts

Developed using Analysis Led Design considering entire engine valvetrain system



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