

Cam gears

Timing belt (or chain)

A timing belt or chain synchronizes the rotation of the crankshaft and the camshaft(s) so that the engine's valves open and close at the proper times during each cylinder's intake and exhaust strokes. It is also critical to preventing the piston from striking the valves.

A timing belt is a belt that usually features teeth on the inside.

How a Car Engine Works

Cam

Cylinder head

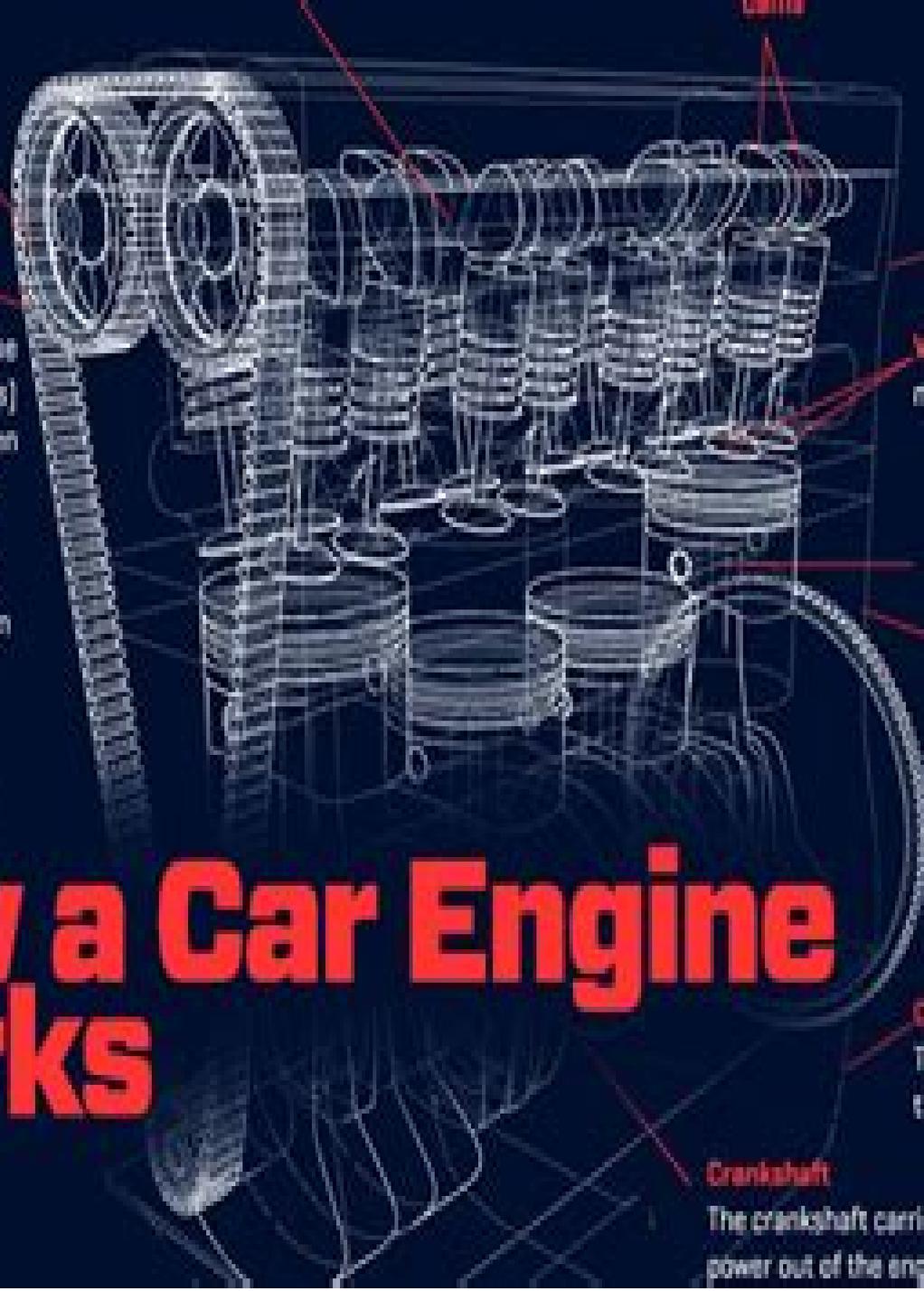
Valves open and close to let material in or out of the cylinder

Engine block

Flywheel

Oil pan
The oil is pumped from here throughout the engine.

Crankshaft
The crankshaft carries piston power out of the engine and



How Car Engine Work

A. L. DYKE



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How Car Engine Works? Kht Mecheng,2021-01-19 If you like cars but you don't know how they work then This educational resource contains valuable information destined to those who are passionate about cars You can easily understand and remember the process and every detail It tackles A descriptions about the main car parts Aiming to simplify the mechanical operations inside the vehicle it s supported with simple 3D or real models to enhance visualize and associate the car parts with description in a practical way and how each part works with the rest After this a four stroke engine detailed and well explained will inform you about all what you need to know we make sure that you will easily grasp the whole process

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How Car Engine Works Hawke S Benedict, 2024-07-12 *How Car Engine Works Your Guide To Engine Components Function And Maintenance* Unlock the mysteries of the internal combustion engine with *How Car Engine Works* a comprehensive guide designed for car enthusiasts aspiring mechanics and anyone eager to understand the beating heart of their vehicle This book takes you on a detailed journey through the evolution components and operation of car engines providing clear explanations to simplify complex concepts

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