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The diesel engine, named after Rudolf Diesel, is an internal combustion engine in which ignition of the fuel is caused by the elevated temperature of the air in the cylinder due to the mechanical compression (adiabatic compression); thus, the diesel engine is a so-called compression-ignition engine (CI engine). This contrasts with engines using spark plug-ignition of the air-fuel mixture, such ...

~~Diesel engine - Wikipedia~~

The diesel engine was invented by Rudolf Diesel, in the year 1893. Rudolf Diesel was a German engineer, employed by the firm MAN. Rudolf Diesel studied high thermal efficiency engines, with the use of alternative fuels in internal combustion engines. Diesel's goal was to replace the old steam engines that were inefficient, very heavy and expensive.

~~History of the Diesel Engine - DeMotor~~

History Of Diesel Engines ¶ From Past to Present. The diesel engine (correctly understood as a compression-ignition or CI engine) is an inward incineration engine in which ignition of the fuel that has been injected into the combustion assembly is mainspring by the violent temperature which a petrol realize (i.e. the publicity) when illustriously compressed (adiabatic compression).

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~~History Of Diesel Engines—From Past to Present~~

In its early years, the diesel engine was competing with another heavy fuel oil engine concept—the hot-bulb engine invented by Akroyd-Stuart. High-speed diesel engines were introduced in the 1920s for commercial vehicle applications and in the 1930s for passenger cars. Rudolf Diesel's Invention. Akroyd-Stuart's Engine.

~~Early History of the Diesel Engine~~

Diesel engines were first developed by German inventor Rudolf Diesel (1858 – 1913) in the late nineteenth century. He patented his invention on February 23, 1893, and demonstrated it at the 1900 World's Fair using peanut oil. The original concept was to build a multifuel engine and to use coal as a primary fuel.

~~Diesel Engine | Encyclopedia.com~~

A diesel engine is started by driving it from some external power source until conditions have been established under which the engine can run by its own power. The simplest starting method is to admit air from a high-pressure source—about 1.7 to nearly 2.4 megapascals—to each of the cylinders in turn on their normal firing stroke.

~~diesel engine | Definition, Development, Types, & Facts ...~~

A plan drawing of the internal combustion engine invented by Rudolf Diesel in 1897 Diesel set himself the task of translating theory into practice.

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~~How Rudolf Diesel's engine changed the world—BBC News~~

Predecessors. The first internal combustion engines were based on steam engines and therefore used slide valves. This was the case for the first Otto engine, which was first successfully run in 1876. As internal combustion engines began to develop separately to steam engines, poppet valves became increasingly common, with most engines until the 1950s using a side-valve (flathead) design.

~~Overhead valve engine—Wikipedia~~

Engines used by the British company Land Rover in its 4x4 vehicles have included 4-cylinder petrol engines, and 4-cylinder and 5-cylinder diesel engines. In the 1960s and 1970s a 2.6 litre straight-six petrol engine of Rover design was available as a option in the long wheelbase versions. 6-cylinder engines have been used for Land Rover vehicles built under licence. Land Rover has also used various 4-cylinder, V8 engines and V6 engines developed by other companies, but this article deals ...

~~Land Rover engines—Wikipedia~~

Mercedes-Benz has produced a range of petrol, diesel, and natural gas engines. This is a list of all internal combustion engine models manufactured. Petrol engines Straight-three. M160, 0.6 – 0.7 L (1998–2007) M281, 1.0 L (2014–present) Inline-four. M23, 1.3 L (1933–1936) M30, 1.5 L (1934–1939) M136 ...

~~List of Mercedes-Benz engines—Wikipedia~~

Automotive petrol engines. BMW is well known for its history of inline-six (straight-six) engines, a

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layout it continues to use to this day despite most other manufacturers switching to a V6 layout. The more common inline-four and V8 layouts are also produced by BMW, and at times the company has produced inline-three, V10 and V12 engines.. Prototype V16 engines have been made, however they ...

~~List of BMW engines — Wikipedia~~

The History of the Diesel Engine The First Diesel Engine of 1897... For many years the diesel engine has been the forstay of the trucking industry, and has also found application in the taxi and commercial-vehicle fields.

~~The History of the Diesel Engine — Unique Cars and Parts~~

But it is our engines that have defined us over the decades □ the P6 Series, for instance, which started in 1938, or its turbocharged descendant, the P6354, which appeared in the 1960s and remained in production for more than 30 years.

~~Heritage | Perkins — Perkins Engines~~

Automobiles. The first commercially successful automobile, created by Karl Benz, added to the interest in light and powerful engines. The lightweight gasoline internal combustion engine, operating on a four-stroke Otto cycle, has been the most successful for light automobiles, while the more efficient Diesel engine is used for trucks and buses. However, in recent years, turbo Diesel engines ...

~~Engine — Wikipedia~~

The history of the BMW diesel engine began in 1979 with the foundation of the BMW engine plant in

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Steyr, where the first diesel engines rolled off the assembly line in 1983. These units were characterised by their high level of performance, dynamic power delivery and agility, exceptional smoothness, exemplary emissions behaviour and fuel economy.

~~The diesel engine - BMWGROUP WERKE.com~~

Rudolf Diesel designed many heat engines, including a solar-powered air engine. In 1892 he applied for a patent and received a development patent for his diesel engine. In 1893 he published a paper describing an engine with combustion within a cylinder, the internal combustion engine.

~~Biography of Rudolf Diesel, Inventor of the Diesel Engine~~

The Diesel engine could be considered an evolution of the "hot-bulb" engine. Herbert Akroyd Stuart, working with Richard Hornsby and Sons of England, patented the so-called "heavy-oil engine" in...

~~The tumultuous history of the diesel engine | Autoblog~~

The first use of steam to propel something was Heron's 1st century (60AD) Aeolipile Steam Turbine but it was more of a toy than an actual engine. Essentially a sphere full of water with a couple of nozzles in it, users would light a fire under it and as the water boiled, steam came out of the nozzles and made it spin.

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