

Diesel Mechanics

Early internal combustion locomotives and railcars used kerosene and gasoline as their fuel. Rudolf Diesel patented his first compression-ignition engine in 1898, and steady improvements to the design of diesel engines reduced their physical size and improved their power-to-weight ratios to a point where one could be mounted in a locomotive. Internal combustion engines only operate efficiently within a limited power band, and while low-power gasoline engines could be coupled to mechanical... 7280b0815c

Diesel locomotive Several types of diesel locomotives have been developed A diesel locomotive is a type of railway locomotive in which the power source is a diesel engine. Several types of diesel locomotives have been developed, differing mainly in the means by which mechanical power is conveyed to the driving wheels. The most common are diesel-electric locomotives and diesel-hydraulic. A diesel locomotive is a type of railway locomotive in which the power source is a diesel engine 7280b0815c

Car Mechanics It is the only news stand magazine of this type covering servicing, repair and restoration, with its nearest equivalent Practical Motorist having ceased publication in 1997. Car Mechanics is a British motoring magazine published monthly by Kelsey Media and edited by Martyn Knowles who took over in 2008 from long standing editor Car Mechanics is a British motoring magazine published monthly by Kelsey Media and edited by Martyn Knowles who took over in 2008 from long standing editor Peter Simpson. The coverage ranges across all major car manufacturers and models sold in the UK chiefly in the last five to thirty years. It is aimed at DIY motorists and the motor repair trade 7280b0815c

Sales peaked in 1981 at approximately 310,000 units, which represented 60% of the total U.S. passenger vehicle diesel market. This success was short-lived as the V8 version suffered severe reliability issues. Although GM carried out several redesigns, by the time the engine was trouble-free, the damage to its reputation had been done, and it was discontinued after the 1985 model year. The... 7280b0815c

Mechanic Most mechanics specialize in a particular field, such as auto body mechanics, diesel mechanics, air conditioning and refrigeration mechanics, auto mechanics A mechanic is a skilled tradesperson who uses tools to build, maintain, or repair machinery, especially engines. Formerly, the term meant any member of the handicraft trades, but by the early 20th century, it had come to mean one who works with machinery 7280b0815c

Detroit Diesel Series 92 Among these, the most The Detroit Diesel Series 92 is a two-stroke cycle, V-block diesel engine, produced with versions ranging from six to 16 cylinders. The Detroit Diesel Series 92 is a two-stroke cycle, V-block diesel engine, produced with versions ranging from six to 16 cylinders. Among these, the most popular were the 6V92 and 8V92, which were V6 and V8 configurations of the same engine respectively. Both the Series 71 and Series 92 engines were popularly used in on-highway vehicle applications. The series was introduced in 1974 as a rebored version of its then-popular sister series, the Series 71 7280b0815c

Auto mechanic The approved work will be assigned to the mechanic on a work order. Diesel mechanics have developed into a trade somewhat distinctive from gasoline-engine mechanics. In fixing cars, their main role is to diagnose and repair the problem accurately. Their work may involve the repair of a specific part or the replacement of one or more parts as assemblies. [1] Seasoned auto repair shops start with a (Digital) Inspection to determine the vehicle conditions, independent of the customers concern. trucks (diesel technology) and alternative fuels. NATEF An auto mechanic is a mechanic who services and repairs automobiles, sometimes specializing in one or more automobile brands or sometimes working with any brand. Basic vehicle maintenance is a fundamental. Based on the concern, the inspection results and preventative maintenance needs, the mechanic/technician returns the findings to the service advisor who then gets approval for any or all of the proposed work 7280b0815c

Aircraft diesel engine The aircraft diesel engine or aero diesel is a diesel-powered aircraft engine. Their main advantages are their excellent specific fuel consumption, the reduced flammability and somewhat higher density of their fuel, but these have been outweighed by a combination of inherent disadvantages compared to gasoline-fueled or turboprop engines. The ever-rising cost of avgas and doubts about its future availability have spurred a resurgence in aircraft diesel engine production in the early 2010s. They were used in airships and tried in aircraft in the late 1920s and 1930s The aircraft diesel engine or aero diesel is a diesel-powered aircraft engine. They were used in airships and tried in aircraft in the late 1920s and 1930s, but were never widely adopted until recently 7280b0815c

Using diesel engines in aircraft is additionally advantageous from the standpoint of environmental protection as well as the protection of human health, since the tetraethyllead antiknock...

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Diesel engine This contrasts with engines using spark plug-ignition of the air-fuel mixture, such as a petrol engine (gasoline engine) or a gas engine (using a gaseous fuel like natural gas or liquefied petroleum gas). The diesel engine, named after the German engineer Rudolf Diesel, is an internal combustion engine in which ignition of diesel fuel is caused by the elevated temperature of the air in the cylinder due to mechanical compression; thus, the diesel engine is called a compression-ignition engine (or CI engine) 7280b0815c

Diesel motorcycle diesel motorcycle is a motorcycle with a diesel engine. A diesel motorcycle is a motorcycle with a diesel engine. It is powered by Bavarian Hatz Diesel. Sommer Motorradtechnik produces the Sommer Diesel 462 7280b0815c

A 350 cu in (5.7 L) V8 was introduced in 1978, followed by a 261 cu in (4.3 L) V8 only for the 1979 model year. In 1982, a 263 cu in (4.3 L) V6 became available for both front front-wheel drive and rear-wheel drive vehicles. 7280b0815c

Diesel automobile racing "The Triumph of Diesel" Popular Mechanics, July 1934, pp. 10-13 detailed article on the 1931 and 1934 Cummins Diesel 500 race cars "Audi R10 TDI Diesel automobile racing can refer to any use of diesel as a fuel for racing cars. 5, 2005. The diesel-fueled vehicle may be used in direct competition with other vehicles, in a separate Diesel class in the same racing event, or in a diesel-only event 7280b0815c

Oldsmobile Diesel engine The Oldsmobile Diesel engine is a series of V6 and V8 diesel engines produced by General Motors from 1978 to 1985. Their design was based on the Olds 350 gasoline engine architecture. Their design was based on the Olds The Oldsmobile Diesel engine is a series of V6 and V8 diesel engines produced by General Motors from 1978 to 1985 7280b0815c

Diesel is not normally preferred for speed racing, due to the generally higher weight compared to a petrol-driven vehicle. However, diesel vehicles may in some events be classed independently of other competitors. In motorsports such as off-road trials or truck racing, diesel may be more predominant. In endurance racing, the broad power band, high torque and fuel economy can prove advantageous. 7280b0815c

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