

Conversion Mpg L 100

The essence of each competition was to design, build and race super-efficient vehicles that achieved 100 MPGe (2.35 liter/100 kilometer) efficiency, produced less than 200 grams/mile well-to-wheel CO₂ equivalent emissions, and could be manufactured for the mass market. Within the Competition Division, there are two vehicle classes: Mainstream and Alternative. The mainstream class had a prize of \$5 million. The alternate class had two separate prizes of \$2.5 million, one for side-by-side seating and one for tandem seating. a9057da3f4 Cars and Car Conversions magazine characterised the car as "more the ultimate in conversion than a complete new car" after their test drive. The conversion was achieved by cutting off the rear section of a standard Mini and reducing the door pillars in height by about 2 inches (5.1 cm). Then a fibreglass fastback was bonded to the car in place of the missing rear section, adding about 4 inches (10 cm) to its overall length, and the engine tuned. a9057da3f4 The MPGe metric was introduced in November 2010 by EPA in the Monroney sticker of the Nissan... a9057da3f4

Honda Civic (ninth generation) 39 mpg-US (6. The latter two make up for the European-market Civic range, which was produced in Swindon, United Kingdom, and received a completely different design and smaller exterior size. 6 mpg-imp) over previous generation, and 28 mpg-US (8. Four body styles were introduced throughout its production run, which are sedan, coupe, hatchback and a station wagon version marketed as the Civic Tourer. The hatchback version forms a basis for a Civic Type R (FK2) model, which was released later in 2015. 4 L/100 km; The ninth-generation Honda Civic is a range of compact cars (C-segment) manufactured by Honda between 2011 and 2016, replacing the eighth-generation Civic. 0 L/100 km; 47 mpg-imp) in highway tests, an improvement of 3 mpg-US (3. It was launched in the North American market in April 2011, Europe in February 2012 and Asia-Pacific in early 2012 a9057da3f4

Different methods are used to approximate the actual performance of the vehicle. The energy in fuel is required to overcome various losses (such as wind resistance or tire drag) encountered while propelling the vehicle, and in providing power to vehicle systems such as ignition or air conditioning. Various strategies can be employed to reduce losses at each of the conversions between the chemical energy in the fuel and the kinetic energy of the vehicle. Driver behavior can affect fuel economy; maneuvers such as sudden... a9057da3f4 == History == a9057da3f4 == Description == a9057da3f4

Ford Transit Connect In line with other Ford Transit variants, passenger-oriented models (in Europe) are marketed as the Ford Tourneo Connect with side windows and rear seats. and top speed The Ford Transit Connect is a compact panel van manufactured and marketed by Ford since 2002. 7 L/100 km), 0–60 time: 9. The model line is the second-smallest vehicle of the Ford Transit range, positioned between the Ford Transit Courier LAV and the Ford Transit Custom LCV/MPV. MPG (City): 20 mpg-US (12 L/100 km), MPG (Highway): 27 mpg-US (8. 5L engine has an est. Developed by Ford of Europe, the model line replaced sedan-based vans (Ford Escort and Ford Courier vans) with a dedicated commercial vehicle platform. Connect with the 2. 5 sec a9057da3f4

== Sedan/coupe (FB1–6, FG3–4; 2011) == a9057da3f4

The long tailpipe From the point of view of a well-to-wheel assessment, the extent of the actual carbon footprint depends on the fuel and technology used for electricity generation, as well as the impact of additional electricity demand on the phase-out of fossil fuel power plants. The The long tailpipe is an argument stating that usage of electric vehicles does not always result in fewer emissions (e. with 79 mpg-US (3. 0 L/100 km; 95 mpg-imp) compared to the same trip in Denver would only have the equivalent of 33 mpg-US (7. While the argument acknowledges that plug-in electric vehicles operating in all-electric mode have no greenhouse gas emissions from the onboard source of power, it claims that these emissions are shifted from the vehicle tailpipe to the location of the electrical generation plants. greenhouse gas emissions) compared to those from non-electric vehicles. 1 L/100 km; 40 mpg-imp). g a9057da3f4

Energy consumption in transport is often described in terms of fuel consumption, fuel consumption being the reciprocal of fuel economy. and linked with a means of propulsion which uses chemical energy, whilst energy efficiency in general is applicable to any sort of propulsion. In order to compare the energy efficiency in any type of vehicle, it helps to use the International System of Units including joules for energy and metres for distance. The more efficient the vehicle, the more metres it covers with one joule (more efficiency), or the fewer joules it uses to travel over one metre (less consumption). The efficient use of energy in transport largely varies by means of transport. Different types of transport consume from some dozen... a9057da3f4 MPGe does not necessarily represent an equivalency in the operating costs between alternative fuel vehicles and the MPG rating of internal combustion engine vehicles due to the wide variation in costs for the fuel sources regionally since the EPA assumes prices that represents the national averages. Miles per gallon equivalent cost for alternate fuel can be calculated with a simple conversion to the conventional mpg (miles per gallon, miles/gal). See conversion to MPG by cost below. a9057da3f4 The PIAXP has an educational program, funded by a \$3.5 million grant from the United States Department of Energy, to engage students and the public in learning about advanced vehicle technologies... a9057da3f4 == Construction == a9057da3f4

Grumman LLV 8 L/100 km; 20. 4 mpg-imp; 7. 8 / 7. The LLV design is optimized for local mail delivery, featuring right hand drive and a small turning radius for easy access to mailboxes. 2 / 21. 6 mpg-imp; 6. The LLV is based on a Chevrolet S-10 pickup truck chassis with a custom aluminum body, and was manufactured by Grumman from 1986 to 1994. Most LLVs were sold to the USPS, although some were purchased by other customers, including Canada Post. 7 km/L) on the city/highway The Grumman Long Life Vehicle (LLV) is a mail truck model primarily used by the United States Postal Service. per US gallon (13. 7 / 13. 1 L/100 km; 19. 2 km/L) [16 / 18 mpg-US (14 a9057da3f4

The unit of energy consumed is deemed to be 33.7 kilowatt-hours without regard to the efficiency of conversion of heat energy into electrical energy, also measured in kilowatt-hours (kWh). One reason that ineffective fuel-saving gadgets are popular is the difficulty of accurately measuring...

Fuel saving device of such a device sold with difficult-to-justify claims is the 200 mpg-US (1. 2 L/100 km) carburetor designed by Canadian inventor Charles Nelson Pogue. 2 L/100 km) carburetor designed by Canadian inventor Charles Nelson Pogue Fuel-saving devices are sold on the aftermarket with claims they may improve the fuel economy, the exhaust emissions, or optimize ignition, air flow, or fuel flow of automobiles in some way. An early example of such a device sold with difficult-to-justify claims is the 200 mpg-US (1

Miles per gallon gasoline equivalent gallon. can be calculated with a simple conversion to the conventional mpg (miles per gallon, miles/gal). S. MPGe is used by the United States Environmental Protection Agency (EPA) to compare energy consumption of alternative fuel vehicles, plug-in electric vehicles and other advanced technology vehicles with the energy consumption of conventional internal combustion vehicles rated in miles per U. See conversion to MPG by cost below. The MPGe metric Miles per gallon gasoline equivalent (MPGe or MPGge) is a measure of the average distance traveled per unit of energy consumed

In the United States, the Grumman LLV is the most common vehicle used by letter carriers for curbside and residential delivery of mail, replacing the previous standard letter-carrier vehicle, the Jeep...

Energy efficiency in transport The energy input might be rendered in several different types depending on the type of propulsion, and normally such energy is presented in liquid fuels, electrical energy or food energy. 2 L Supercharged, 14 mpg-US (17 L/100 km; 17 mpg-imp) 2012 Bugatti Veyron, 10 mpg-US (24 L/100 km; 12 mpg-imp) 2018 Honda Civic: 36 mpg-US (6. 5 L/100 km; The energy efficiency in transport is the useful travelled distance, of passengers, goods or any type of load; divided by the total energy put into the transport propulsion means. The inverse of the energy efficiency in transport is the energy consumption in transport

The first and second-generation Transit Connect has been imported to North America from the 2010 model year. To circumvent the 25% "chicken tax" on imported light trucks, all examples have been imported as passenger vans, with cargo vans converted to the intended configuration after their importation. In the region, the Transit Connect does not have a direct predecessor; the closest vehicle to its size was the standard-length Ford Aerostar cargo van, which ceased production in 1997. The first-generation Transit Connect was assembled by Ford Otosan (Kocaeli, Turkey) along with Ford Romania (Craiova, Romania). For the second generation...

Broadspeed GT 2+2 2 mpg-US). 9 mpg-imp (10. speed of 112 mph (180 km/h) and a fuel consumption of 27. By then 28 cars had been built, 16 of them reportedly exported to Spain. UK Consumer Price Index inflation figures from 1209–2024 The Broadspeed GT 2+2 is a Mini-based fastback-styled motor vehicle designed by Tony Bloor, Broadspeed's sales manager. It was introduced into the UK market in 1966 and continued in production until 1968, when Broadspeed's factory in Birmingham was scheduled for demolition to make way for a new ring road. 1 L/100 km; 23

The interior was upgraded by the installation of a replacement fascia with additional auxiliary gauges and Restall... The LLV was designed for a long service life of 24 years, and the USPS has kept its fleet in service well past its planned lifespan. The USPS had over 130,000 LLVs in service as of 2024, all of which were past their 30 year service life, making up 57% of the local delivery fleet. The USPS LLV fleet is planned to be replaced by multiple types of vehicles, including commercial off-the-shelf trucks and the Oshkosh Next Generation Delivery Vehicle (NGDV). The first NGDVs entered service in 2024. Broadspeed had become well known in the early 1960s for its successful BMC Mini racing team, and for producing a variety of road and race-tuning packages for BMC engines. The GT was the company's first and only foray into car manufacturing.

Automotive X Prize and set the purse at \$10 million for a car that could get 100 mpg-US (2. In the subsequent The Progressive Insurance Automotive X Prize (PIAXP or AXP) was a set of competitions, programs and events, from the X Prize Foundation, to "inspire a new generation of super-efficient vehicles that help break America's addiction to oil and stem the effects of climate change. 4 L/100 km; 120 mpg-imp) and be sold for a reasonable price. " Progressive Insurance was the title sponsor of the prize, the centerpiece of which is the Competition Division, within which a 10-million-dollar purse was divided between the winners of three competitions

Other organizations generally considered reputable, such as the American Automobile Association and Consumer Reports have performed studies with the same result. Apart from the 750-unit limited run Civic Type R, versions of the ninth-generation Civic were not sold in Japan, creating a seven-year absence in the market until the release of the tenth-generation Civic in Japan in 2017. However, the ninth-generation Civic sedan was temporarily produced in Japan for exports in early 2012 due to suspended production in the Ayutthaya plant as the result of 2011 Thailand floods.

Fuel economy in automobiles 425 km/L 235. It can be expressed in terms of the volume of fuel to travel a given distance, such as in litres per 100 kilometres (L/100 km), or through its inverse, the distance traveled per unit volume of fuel consumed, as in kilometres per litre (km/L) or miles per gallon (mpg). 2/mpg $\approx$ L/100 km 1 mpg $\approx$ 1. Since fuel economy of vehicles is a significant factor in air pollution, the importation of motor fuel can be a large part of a nation's foreign trade and consumers frequently undervalue fuel efficiency, many countries impose requirements for fuel economy. 354 km/L 282/mpg $\approx$ L/100 km 1 mpg $\approx$ 0. 833 mpg (US) Automobile The fuel economy (also called fuel efficiency or mileage) of an automobile relates to the distance traveled by a vehicle and the amount of fuel consumed.

201 mpg (imp) Imperial gallons 1 mpg $\approx$ 0. gallons 1 mpg $\approx$ 0 a9057da3f4

The US EPA is required by Section 511 of the Motor Vehicle Information and Cost Savings Act to test many of these devices and to provide public reports on their efficacy; the agency finds most devices do not improve fuel economy to any measurable degree, unlike forced induction, water injection (engine), intercooling and other fuel economy devices which have been long proven. Tests by Popular Mechanics magazine also found unproven types of devices yield no measurable improvements in fuel consumption or power, and in some cases actually decrease both power and fuel economy. a9057da3f4

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