

2010 Prius Owners Manual

Honda introduced the second-generation Insight in Japan in February 2009 and in the United States on March 24, 2009. The Insight was the least expensive hybrid available in the US. The Prius was developed by Toyota to be the "car for the 21st century"; it was the first mass-produced hybrid vehicle, first going on sale in Japan in 1997 at all four Toyota Japan dealership chains, and subsequently introduced worldwide in 2000.

Toyota Prius expanded the Prius family to include the Prius v, an MPV, and the Prius c, a subcompact hatchback. The production version of the Prius plug-in hybrid The Toyota Prius (PREE-əss) (Japanese: トヨタプリウス, Hepburn: Toyota Puriusu) is a compact/small family liftback (supermini/subcompact sedan until 2003) produced by Toyota. The Prius has a hybrid drivetrain, which combines an internal combustion engine and an electric motor. Initially offered as a four-door sedan, it has been produced only as a five-door liftback since 2003

Aisin two-axis design eliminates the second planetary gearset used in the 2010–2015 Prius and Prius c, which reduces the width and weight of the eCVT and improves Aisin Corporation (アイシンアロisin, Kabushiki gaisha Aishin) is a Japanese corporation that develops and produces components and systems for the automotive industry. Aisin is a member of the Toyota Group of companies. Aisin is a Fortune Global 500 company, ranked 359 on the 2020 rankings

Modern HEVs use energy recovery technologies such as motor-generator units and regenerative braking to recycle... In 2011, Toyota expanded the Prius family to include the Prius v, an MPV, and the Prius c, a subcompact hatchback. The production version of the Prius plug-in hybrid was released... The engines are produced by Toyota's Kamigo Plant in Toyota, Aichi, Japan; by Siam Toyota Manufacturing in Chonburi, Thailand (1NZ-FE for Yaris and Vios); and by Indus Motor Company in Karachi, Pakistan (2NZ-FE for Corolla). Since its launch in 2009, global production reached approximately 1,688,000. In December 2010, Honda introduced a less expensive base model for the 2011 model... The production version of the Aqua was unveiled in the 2011 Tokyo Motor Show. The production Prius c was introduced in the U.S. at...

Honda Insight In its third generation, it became a four-door sedan (2018–2022). comparison between the 2010 Honda Insight and the 2010 Toyota Prius. S. Its first generation was a two-door, two passenger liftback (1999–2006) and in its second generation was a four-door, five passenger liftback (2009–2014). It was Honda's first model with Integrated Motor Assist system and the most fuel efficient gasoline-powered car available in the U. In this test, the Insight achieved 0–60 mph in 10.3 seconds (Prius, 10. without plug-in capability for the length of its production run. 0 seconds), the The Honda Insight (インサイト, Honda Insaito) is a hybrid electric vehicle that is manufactured and marketed by Honda

Hybrid electric vehicle worldwide hybrid sales are led by the Toyota Prius liftback, with cumulative sales of 5 million units. The most common form of HEV is hybrid electric passenger cars, although hybrid electric trucks (pickups, tow trucks and tractors), buses, motorboats, and aircraft also exist. There is a variety of HEV types and the degree to which each functions as an electric vehicle (EV) also varies. The Prius nameplate had sold more than 6 million hybrids A hybrid electric vehicle (HEV) is a type of hybrid vehicle that couples a conventional internal combustion engine (ICE) with one or more electric engines into a combined propulsion system. The presence of the electric powertrain, which has inherently better energy conversion efficiency, is intended to achieve either better fuel economy or better acceleration performance than a conventional vehicle

Hybrid Synergy Drive Previously, Toyota also licensed its HSD technology to Nissan for use in its Nissan Altima Hybrid. The Toyota Hybrid System is designed for increased Hybrid Synergy Drive system (HSD), also known as Toyota Hybrid System II, is the brand name of Toyota Motor Corporation for the hybrid car drive train technology used in vehicles with the Toyota and Lexus marques. Highlander, and would eventually be implemented in the 2010 "third generation" Prius, and the 2012 Prius c. First introduced on the Prius, the technology is an option on several other Toyota and Lexus vehicles and has been adapted for the electric drive system of the hydrogen-powered Mirai, and for a plug-in hybrid version of the Prius. Its parts supplier Aisin offers similar hybrid transmissions to other car companies

From the second half of 2003, the cylinder head of the Japanese market 1NZ-FE engine was revised and became the base of the post-2006 1NZ-FE Turbo and LPG-hybrid 1NZ-FXP engines. Aisin was founded in 1965 and supplies engine, drivetrain, body and chassis, aftermarket, and other automotive parts for the Toyota Motor Corporation and other major OEMs. Ford introduced the C-Max in the United States as its first hybrid-only line of vehicles, which includes the C-Max Hybrid, released in September 2012, and the C-Max Energi plug-in hybrid, launched in October 2012. Although the C-Max was initially available only in Europe, the first generation was partially available in New Zealand.

Ford C-Max It has a five-door compact multi-purpose vehicle (MPV) design. rear seats, providing more room than the regular Prius liftback, but less cargo room than the Prius V, which provides 67. The Ford Grand C-Max has a longer wheelbase. 3 cu ft (1,910 L) with the rear The Ford C-Max (stylized as Ford C-MAX and previously called the Ford Focus C-Max) is a car produced by the Ford Motor Company from 2003 to 2019

Toyota Prius (XW30) Internally designated as model XW30 and replacing the XW20 series, sales began in Japan on May 18, 2009. 4 million Prius vehicles, including 807,000 U. The recall applied to two models 2010-2014 Prius and 2012-2014 Prius V - that, when experiencing - The third generation Toyota Prius debuted as a compact liftback manufactured and marketed by Toyota, having launched in 2009 for model year 2010 at the January 2009 North American International Auto Show. about 2.5. cars

Electric vehicle warning sounds Warning sounds may be driver triggered (as in a horn but less urgent) or automatic at low speeds; in type, they vary from clearly artificial (beeps, chimes) to those that mimic engine sounds and those of tires moving over. Warning sound devices were deemed necessary by some government regulators because vehicles operating in all-

electric mode produce less noise than traditional combustion engine vehicles and can make it more difficult for pedestrians and cyclists (especially those with visual impairments) to be aware of their presence. and all Prius family cars recently introduced in the United States, including the standard 2012 model year Prius, the Toyota Prius v, Prius c and the Electric vehicle warning sounds are sounds designed to alert pedestrians to the presence of electric drive vehicles such as hybrid electric vehicles (HEVs), plug-in hybrid electric vehicles (PHEVs), and battery electric vehicles (BEVs) travelling at low speeds

In addition to automotive products, Aisin also offers life and amenity products (such as sewing machines and, from 1966 to 2020, mattresses), cogeneration and heat exchange systems, and welfare products, among others.

Toyota NZ engine Peak thermal efficiency is about 37%. It also uses sequential multi-point fuel injection, and has 4 valves per cylinder with VVT-i. The NZ series uses aluminium open deck engine blocks and DOHC cylinder heads. 5000 rpm for the second generation Prius. In 2011, upon the arrival of the Prius c/Aqua and the XP130 Yaris Hybrid The Toyota NZ engine family is a straight-4 piston engine series

HSD technology produces a full hybrid vehicle which allows the car to run on the electric motor only, as opposed to most other brand hybrids which cannot and are considered... Noted for its more aerodynamic bodywork and a claimed drag coefficient of Cd=0.25, an underbody rear fin helps stabilize the vehicle at higher speeds. The third generation is also noted as the first production engine without efficiency-robbing accessory drive belts.

Toyota Prius C The Prius c is the third member of the Prius family, and combines the features of a Yaris-sized car with a hybrid powertrain. The Prius c is the third member of the Prius family, and combines the features of a Yaris-sized car with a hybrid powertrain. The Prius c was ranked by the EPA as the 2012 most fuel efficient compact car when plug-in electric vehicles are excluded. The Prius c is priced The Toyota Prius c (c stands for "city"), also known as the Toyota Aqua (Japanese: アクア, Hepburn: Toyota Akua); "aqua" is Latin for water) in Japan, is a full hybrid gasoline-electric subcompact/supermini hatchback manufactured and marketed by Toyota. The Prius c is priced lower than the conventional Prius and has a higher fuel economy in city driving under United States Environmental Protection Agency test cycles. Toyota

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