

Power Drive Battery Charger Manual Club Car

Hybrid Synergy Drive

(ICE) which normally drives a transmission to power the wheels propelling the vehicle. A battery is used only to start the car's internal combustion engine

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. 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. Previously, Toyota also licensed its HSD technology to Nissan for use in its Nissan Altima Hybrid. Its parts supplier Aisin offers similar hybrid transmissions to other car companies.

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...

Electric car

other technologies such as battery swapping and inductive charging. As the recharging infrastructure (especially fast chargers) is still in its infancy

An electric car or electric vehicle (EV) is a passenger automobile that is propelled by an electric traction motor, using electrical energy as the primary source of propulsion. The term normally refers to a plug-in electric vehicle, typically a battery electric vehicle (BEV), which only uses energy stored in on-board battery packs, but broadly may also include plug-in hybrid electric vehicle (PHEV), range-extended electric vehicle (REEV) and fuel cell electric vehicle (FCEV), which can convert electric power from other fuels via a generator or a fuel cell.

Compared to conventional internal combustion engine (ICE) vehicles, electric cars are quieter, more responsive, have superior energy conversion efficiency and no exhaust emissions, as well as a typically

lower overall carbon footprint from...

Power-to-weight ratio

performance. The inverse of power-to-weight, weight-to-power ratio (power loading) is a calculation commonly applied to aircraft, cars, and vehicles in general

Power-to-weight ratio (PWR, also called specific power, or power-to-mass ratio) is a calculation commonly applied to engines and mobile power sources to enable the comparison of one unit or design to another. Power-to-weight ratio is a measurement of actual performance of any engine or power source. It is also used as a measurement of performance of a vehicle as a whole, with the engine's power output being divided by the weight (or mass) of the vehicle, to give a metric that is independent of the vehicle's size. Power-to-weight is often quoted by manufacturers at the peak value, but the actual value may vary in use and variations will affect performance.

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Pony car

include rear-wheel drive, a long hood, a short deck, bucket seats, room for four, a wide range of options to individualize each car and use of mass-produced

Pony car is an American car classification for affordable, compact, highly styled coupés or convertibles with a "sporty" or performance-oriented image. Common characteristics include rear-wheel drive, a long hood, a short deck, bucket seats, room for four, a wide range of options to individualize each car and use of mass-produced parts shared with other models. The popularity of pony cars is largely due to the launch of the Ford Mustang in 1964, which created the niche and term.

There is much debate among enthusiasts about the exact definition of a pony car, and what differentiates the vehicle from a muscle car. The general consensus is that pony cars are smaller and more homogeneous in their form than muscle cars. A few intermediate-size vehicles, such as the Dodge Challenger, may be considered...

Front-wheel drive

four-wheel-drive vehicles. By far the most common layout for a front-

wheel-drive car is with the engine and transmission at the front of the car, mounted

Front-wheel drive (FWD) is a form of engine and transmission layout used in motor vehicles, in which the engine drives the front wheels only. Most modern front-wheel-drive vehicles feature a transverse engine, rather than the conventional longitudinal engine arrangement generally found in rear-wheel-drive and four-wheel-drive vehicles.

Car

which can be lowered or raised electrically (manually on earlier cars), and one or multiple auxiliary power outlets for supplying portable appliances such

A car, or an automobile, is a motor vehicle with wheels. Most definitions of cars state that they run primarily on roads, seat one to eight people, have four wheels, and mainly transport people rather than cargo. There are around one billion cars in use worldwide.

The French inventor Nicolas-Joseph Cugnot built the first steam-powered road vehicle in 1769, while the Swiss inventor François Isaac de Rivaz designed and constructed the first internal combustion-powered automobile in 1808. The modern car—a practical, marketable automobile for everyday use—was invented in 1886, when the German inventor Carl Benz patented his Benz Patent-Motorwagen. Commercial cars became widely available during the 20th century. The 1901 Oldsmobile Curved Dash and the 1908 Ford Model T, both American cars, are widely...

SEAT León

the same car as the León Cupra. SEAT produced two versions of the Twin Drive prototype. Initially announced in May 2009 as a diesel/battery hybrid, the

The SEAT León (Spanish pronunciation: ['se.at le'on]), also spelled Leon in some other languages (named after the city of León, which also means "Lion" in Spanish), is a small family car built by the Spanish car manufacturer SEAT since October 1999.

The first two León generations used two differing variants of the Volkswagen Group A platform, and shared many components with other Volkswagen Group cars. The third and fourth generation use the Volkswagen Group MQB platform, also used by the Audi A3 Mk3 and Mk4, Volkswagen Golf Mk7 and Mk8 and Škoda Octavia Mk3 and Mk4.

Hyundai Atos

the battery pack, which holds 24 nickel metal hydride (Ni-MH) batteries. An on-board 6.6 kW conductive charger can fully recharge the Ni-MH batteries in

The Hyundai Atos (Korean: **아토스**) is a city car that was produced by the South Korean manufacturer Hyundai from 1997 until 2014. It was also marketed under the Atoz, Amica and Santro model names. From 1999, the Atos with a different rear fascia and restyled rear side doors is marketed as the Atos Prime and in South Korea and Indonesia as the Kia Visto. It has been available only with a five-door hatchback body style.

It was replaced in most markets by the i10 in 2007, but production continued in India until late 2014. The Santro nameplate, used in India, was revived in October 2018. It was once again discontinued in 2022.

Tesla Roadster (first generation)

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The first generation Tesla Roadster is a battery electric sports car, that is based on the Lotus Elise chassis, and was produced by Tesla Motors (now Tesla, Inc.) from 2008 to 2012. The Roadster was the first highway legal, serial production, all-electric car to use lithium-ion battery cells, and the first production all-electric car to travel more than 244 miles (393 km) per charge.

Tesla sold about 2,450 Roadsters in over 30 countries, and most of the last Roadsters were sold in Europe and Asia during the fourth quarter of 2012. Tesla produced right-hand-drive Roadsters from early 2010. The Roadster qualified for government incentives in several nations.

According to the U.S. EPA, the Roadster can travel 244 miles (393 km) on a single charge of its lithium-ion battery pack. The vehicle can...

Dodge Dart

Baron and Magnum with the sporty Charger R/T . The last true A-body Dart was built in the summer of 1981 in Brazil. This car is virtually identical to the

The Dodge Dart is a line of passenger cars produced by Dodge from the 1959 to 1976 model years in North America, with production extended to

later years in various other markets.

The production Dodge Dart was introduced as a lower-priced full-size model in 1960 and 1961, but became a mid-size car for one model year for 1962, and was then reduced to a compact for two generations, from 1963 to 1976.

Chrysler had first used 'Dart' name plates on two Italian styled show cars, in 1956 and 1957, before it became a Dodge model name. The Dart nameplate was resurrected for a Fiat-derived compact car that was introduced in 2012.

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