

🌿 Honda Civic Hybrid



CIVIC HYBRID

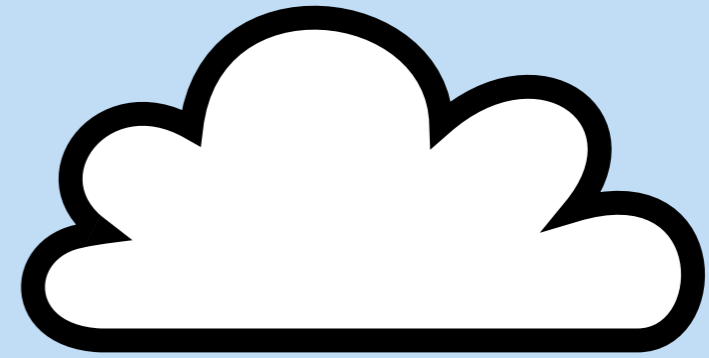
HONDA
The Power of Dreams

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HON 8065





**The Dream: To leave blue skies
for our children.**

Big impact on you,
less impact on the
environment.



A decade ago, if you had mentioned buying a hybrid car, you would have been laughed right out the door of that Point Break premiere. But thankfully it seems that the human race has done a lot of growing up since then and not a moment too soon.

As a car company, we at Honda have a responsibility to consistently create and re-create greener, cleaner cars to

help secure our - and our children's - future. That is our dream at Honda, and the environmentally aware petrol-electric Civic Hybrid is one great, big step towards that dream.

Now before we delve into all the technical and environmental engineering info that goes on beneath the bonnet (don't worry it's coming), let's talk style and

performance. Because let's be honest, there are not a lot of us out there who would be willing to buy an ultra low emission car, if it's going to make us look daggy.

Which is exactly why the Civic Hybrid has been given its distinctive one sweep design, its sporty snub nose and a low front grille. But the Civic Hybrid not only has the look, it loves the road too.

It has Macpherson strut front suspension, which makes cornering a breeze, and the precise power-assisted steering makes for effortless parking.

All this has been done to make sure that those who are making an effort to be good to the environment, are not just feeling good while they're doing it, but looking good too.



How the Civic Hybrid works.

Now it's time for the techie, environmental engineering information. Just a heads up, there will be a lot of buzz words flying around, but there's no need to worry, if you're looking at buying a Civic Hybrid you're probably switched on, and know what we are talking about already.

The Civic Hybrid is our Ultra Low Emission Vehicle (ULEV) and it's powered by Honda's Integrated Motor Assist (IMA) system, which combines our i-VTEC petrol engine with an electric motor. The IMA system is designed to boost performance, slash emissions and cut fuel consumption, or as we like to say, it drives every drop.

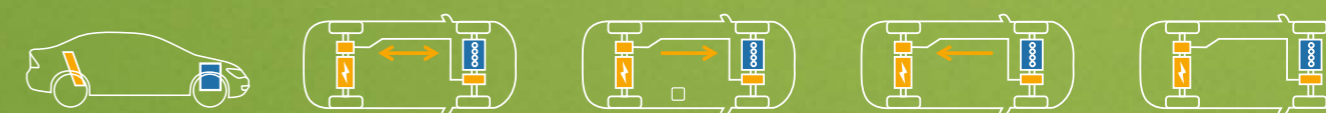
The Civic Hybrid engine draws on an ultra-thin electric motor for supplementary power when needed – such as during acceleration. And that amazing electric motor has the ability to generate and recharge its own batteries while cruising, decelerating and braking.

During acceleration, the engine, working in tandem with the electric motor, propels the vehicle. When the car is cruising, the petrol engine or the electric motor can propel the vehicle, depending on conditions. Then as the car brakes, the petrol engine deactivates and the electric motor acts as a generator to replenish the battery pack.

Now things get even more impressive. The latest generation of the Civic Hybrid's petrol engine is now both lighter and more powerful than the previous generation Civic Hybrid. With the electric engine, the car produces a combined 85kW @ 6000rpm. And even more surprisingly, while the power is up, the fuel consumption actually comes down, with the latest generation Hybrid going through just 4.6 litres per 100km.*

Now without sounding like one of those BUY NOW! Impulse Purchase ads that are always trying to give you free steak knives; there is more. The Civic Hybrid also comes with Continuously Variable Transmission (CVT) as standard equipment. This snazzy little transmission helps the engine stay in its most efficient Revolutions Per Minute (RPM), which means even greater fuel economy for you. And astoundingly, under certain conditions the Civic Hybrid can run on electric power alone at speeds under 40 km/h, sometimes creating no emissions at all†.

Just to get into the nitty-gritty for a moment, you should also know that Honda provides an 8-year warranty† on the Nickel Metal Hydride (Ni-MH) Battery module in the Civic Hybrid. But that's really just for reassurance; hopefully you'll never need to use it.



HOW CIVIC HYBRID TECHNOLOGY WORKS

- Electric motor/ battery
- Petrol engine

ACCELERATION

When you start off or accelerate, the electric motor and petrol engines combine to give a dual power supply.

This maximises efficiency saving on fuel costs.

CRUISING

Once cruising at low speeds, the electric motor kicks in and stops the pistons firing – providing power from stored kinetic energy.

This stored energy comes from the battery pack. So you keep running costs and fuel consumption to a minimum.

DECELERATION

The battery gets charged when the car is slowing, travelling downhill or braking, with the wheels acting like a dynamo to charge the power pack.

Again, you're saving on fuel and emissions.

IDLING

When stationary the engine stops completely, conserving even more fuel and energy.

*Under certain conditions the engine will remain operational when the car is stationary.

*The fuel consumption figures quoted in this brochure are based on ADR81/01 test results. You may experience different results depending on driving conditions and the condition of the vehicle.

† Honda warranties apply where due care is exercised by the owner and the vehicle is maintained in accordance with the vehicle's owners manual. Please refer to Honda's warranty documentation for exclusions and conditions.



Enjoy the thrill
of driving further,
for a lot less.



The bells and whistles.

Now let's just pause for a moment and see where we are at. You're in an exquisite looking car, which not only performs well but is easier on the environment too. So what's missing? That's right, the comfort of your posterior.

The fourth generation Hybrid has all the space and comfort you'd expect from the Civic range. There's stacks more people room thanks to its innovative flat rear floor, and plenty of boot space that makes transporting bulky items like instruments and sports gear a cinch.

On the multiplex dash you'll find the Civic Hybrid's unique display for battery charge level and the IMA 'charge', 'assist' and 'AUTO STOP' displays. 'AUTO STOP' indicates when the engine is idle and the car is running on the electric motor alone, for example when you are stopped at traffic lights. And that means that your car is emitting no pollution – zero – so when you see the 'AUTO STOP' display, have yourself a little smile. Go on, you deserve it.

*Under certain conditions the engine will remain operational when the car is stationary.



On the dashboard you'll find the Civic Hybrid's unique display for battery charge and engine assist.





Safe as always.

It may not be as glamorous as the innovative Civic Hybrid engine, but safety is an imperative aspect of every Honda, which is why we are going to spend a bit of time on the subject.

A commanding view of the road, responsive handling and highly efficient brakes get you off to a solid start. Vehicle Stability Assist (VSA) combined with a Traction Control System (TCS) is designed to bring the car back under control if you do find yourself in trouble.

If however, a frontal accident does become unavoidable, Honda's ingenious technology called G-Force Control (G-Con) immediately moderates the force of the impact,

cocooning you and your passengers in the potentially life-saving 'survival zone'.

For your added safety the Civic Hybrid is also equipped with i-SRS front airbags for both driver and front passenger, front seat pretensioners and anti-whiplash active headrests. In addition the Civic Hybrid features driver and front passenger side SRS airbags, as well as front and rear curtain airbags.

Electronic Brake force Distribution (EBD) works simultaneously with the Anti-lock Braking System (ABS) to electronically control the front and rear brake distribution according to weight ratios. This improves braking stability, performance and helps prevent rear end steer in an emergency braking situation.



Keeping your Civic extra wonderful.

We want your Civic to remain as exceptional as it was on the day you bought it.

As you surely know by now, the Civic Hybrid is a car and hence, is meant to be driven. The other thing that you would be aware of is that a car needs to be cared for, no matter how remarkable it is. Which is why Honda provides you and your Civic Hybrid with the 3 year/100,000km warranty[†] (a warranty which they proudly offer with every Honda). This includes a 6-year rust perforation warranty.

In addition, as a Civic Hybrid owner you're entitled to a 5 year subscription to 'Honda. The Magazine' and access to the after-sales website, HondaONE. This site offers you an up-to-date service history, personalised service reminders and vehicle maintenance tips.

The people who look after you and your Honda are also constantly updating their knowledge to build on the factory training they all receive. Which makes them the world's finest Honda mechanics. And that's why no one can service and tune your Civic Hybrid as well as your Honda Dealer can.

They also stock a comprehensive inventory of Genuine Honda Parts and Accessories, so you'll never need to accept anything less than genuine Honda parts. And only Genuine Honda Parts are made to fit Honda vehicles. Regular maintenance of your new Civic Hybrid is of course recommended to ensure you can enjoy many years of driving pleasure and to maintain your vehicle's value.

Talking warranties can be a bit draining, so if we lost you then, it basically boils down to this: Honda wants you to be as happy with your Civic Hybrid in the years to come, as you are on the day you drive it out of the showroom.

Climate Care Warranty.

Honda's environmental mission doesn't stop at the car. We have also joined forces with Greenfleet Australia to help offset the carbon emissions produced by driving the Civic Hybrid during a three year period. We call it the Honda Climate Care Warranty and it works like this: For every Civic Hybrid purchased, Greenfleet Australia will plant six native trees for each of the three years covered by the Civic Hybrid manufacturer's warranty.

For more information on the Honda Climate Care Warranty you can visit honda.com.au.

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Dreams do come true.

What if there was a car that only emitted water?

Obviously the world would be a better place and the good news is, such a car already exists: The FCX Clarity. It works by converting hydrogen into electricity, which leaves you with only one emission, H₂O. And in 2008, this totally new fuel-cell vehicle went into production.



What if a plane had its engines mounted on top of the wing?

Well, it would be original and it would be called the HondaJet. Secondly, the engines would have to be in a special position on the wing we call 'The Sweet Spot'. That would then result in less drag at high speeds, 30% better fuel economy and because there is no need for structural engine mounts on the fuselage, 30% more cabin space.



What if we tested our new technologies in the most extreme conditions possible?

At Honda we have always believed that racing is fundamental to our development. As our founder Soichiro Honda famously said, "Without racing, there is no Honda". A statement that will always hold true. It's the ultimate testing ground and regardless of whether we win or lose, the same question is always asked – how can we improve performance? And you can be sure that for every improvement made on the track, there is an equal improvement made to every Honda vehicle that hits the road.



What if we had our own solar cell production company?

In recent times Honda has branched out into mass solar cell production. Honda's unique C.I.G.S solar cell produces the highest level of conversion efficiency in the thin film category and only requires half the energy to manufacture, so it's environmentally friendly throughout its entire life. Why does a vehicle company produce solar cells? Purely so we know that we are doing everything possible to help prevent global warming.



What if our technology was more... alive?

ASIMO, the World's Most Advanced Humanoid Robot, was born from a dream to create a robot that could benefit people in everyday life. His name stands for Advanced Step in Innovative MObility, a title he's definitely worthy of. Currently ASIMO's capabilities include: running at 6 km/h, walking on uneven surfaces, turning smoothly, climbing stairs, pushing a cart, receiving and delivering trays and he can even have a little dance if the occasion calls for it. Our dream is that one day, everyone will have an ASIMO of their own to help around the home or office.

Civic Hybrid Specifications.

DESCRIPTION	HYBRID
POWERTRAIN	
Engine	Inline 4 cylinder SOHC i-VTEC
Displacement	1.3 litre - 1339 cc
Maximum power	85 kW @ 6000 rpm ^Δ
Maximum torque	170 Nm @ 2500 rpm ^Δ
IMA System (Integrated Motor Assist)	✓
Fuel supply system	Honda Programmed Fuel Injection (PGM-FI)
Emission standard	Ultra Low Emission Vehicle (ULEV)
Fuel economy - combined (litres / 100 kms) [†]	4.6
CO ₂ emissions (g/km)	109
Automatic transmission	CVT with Grade Logic Control
Drive by wire throttle (DBW)	✓
Fuel type	Unleaded (RON91)
CHASSIS	
Body type	Monocoque
Front suspension	Independent
Rear suspension	Double wishbone
Stabiliser bars	Front and rear
Steering system type	Electric power steering
Wheel type	Alloy
Spare wheel type	Temporary
Front brakes	Ventilated disc
Rear brakes	Solid disc
EXTERIOR	
Body coloured bumpers	Impact absorbing
Fog lights	✓
Front wiper	2-speed and variable intermittent
Headlights	Halogen
Keyless entry (with boot release)	✓
Power door mirrors	Body coloured with side turn indicator
Body coloured side mouldings with chrome	✓
Rear spoiler	✓
Rear window demister	✓
INTERIOR	
Air conditioning	Climate control
Ashtray	✓
Central locking	✓
Comprehensive interior illumination	✓
Cruise control	✓
Cup holders	2 x front / 2 x rear
Digital clock (in radio)	✓
Door pockets	All doors
Driver's footrest	✓
Driver's seat height adjustment	✓
Glovebox	✓
Head restraints - front	Adjustable
Head restraints - rear	Adjustable
Illumination meters - array	✓
Lights-on warning	Audible
Low fuel warning	✓
Outside temperature display	✓
Power windows	Front and rear
-auto up/down	Driver
Remote fuel filler release	✓
Seats - front	Fully reclining
- rear	With armrest
Seat back pocket	Font passenger
Seatbelt height adjuster	Driver and front passenger

DESCRIPTION	HYBRID
INTERIOR CONT.	
Steering column	Tilt and telescopic adjustment
Tachometer	✓
Tripmeter	x 2
Vanity mirrors	Driver and front passenger
Windows	Heat absorbing
SAFETY FEATURES	
Airbags i-SRS - front	Driver and front passenger
- side with OPDS	Driver and front passenger
- curtain	Front and rear
Anti-lock Braking System (ABS)	✓
Child proof door locks	✓
Child safety seat anchorages	x 3
Convex door mirror	Driver and front passenger
Fire retardant interior	✓
Front windscreen	Laminated
Fuel tank roll over valve	✓
Hazard warning lights	✓
High mounted brake light	✓
Honda G-Con technology	✓
Immobiliser system	✓
Progressive crumple zones	Front and rear
Rear view mirror	Day/night
Screw type fuel cap	✓
Seatbelt pretensioners with load limiters	Driver and front passenger
Seatbelt reminder light	Driver
Seatbelts - 3 point ELR	All seating positions
Security alarm system	✓
Side impact protection	✓
Steering column	Energy absorbing
Traction Control System (TCS)	✓
Transmission shift lock	✓
Vehicle Stability Assist (VSA)	✓
DIMENSIONS	
Length (mm)	4550
Width (mm)	1750
Height (mm)	1430
Ground clearance - laden (mm)	110
Kerb weight - tare (kg)	1265
Turning circle (metres)	10.8
Fuel tank capacity (litres)	50
Wheel size	15 x 6 JJ
Tyre size	195/65 R15 91H
Maximum towing capacity	Towing not recommended
Seating capacity	5
AUDIO SYSTEM	
6 CD tuner	✓
Front speakers	x 2
Rear speakers	x 2
Antenna	Roof
Speed-sensitive volume compensation (SVC)	✓
MP3/WMA compatible	✓
MP3 auxiliary jack	✓
Steering wheel mounted audio controls	✓
COLOURS	
EXTERIOR	INTERIOR
Alabaster Silver Metallic*	Beige
Bright Red Pearl*	Beige
Neutron Blue Metallic*	Beige
Urban Titanium Metallic*	Beige
Crystal Black Pearl*	Beige
Taffeta White	Beige

Civic Hybrid Colours.



Bright Red Pearl*



Urban Titanium Metallic*



Taffeta White



Alabaster Silver Metallic*



Neutron Blue Metallic*



Crystal Black Pearl*

Every way you look at it,
it looks great.

✓ Standard equipment ^Δ Civic Hybrid power and torque figures are based on the combination of petrol and electric engines.

[†] The fuel consumption figures quoted in this brochure are based on ADR81/01 test results. You may experience different results depending on driving conditions and the condition of the vehicle.

*Metallic/Pearlescent paint additional cost.