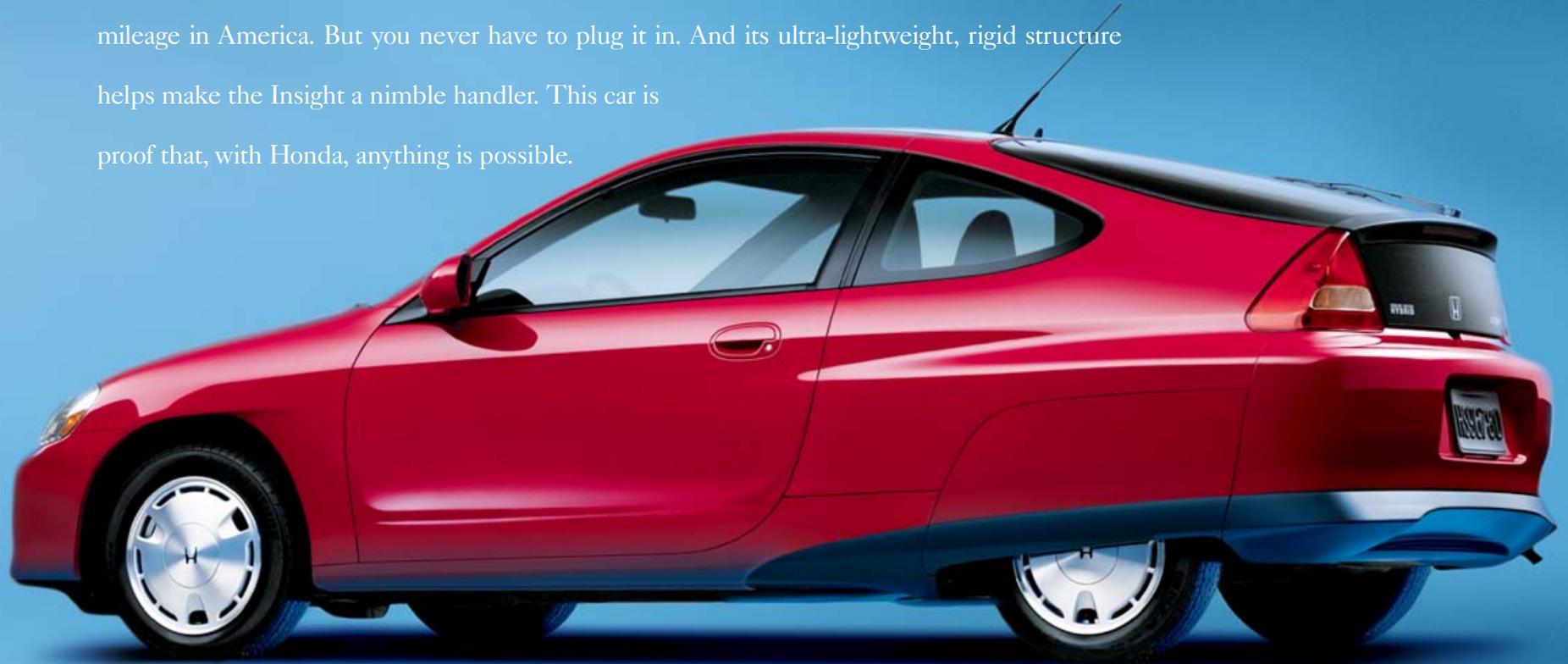


Honda Insight **2002**



Imagine a fun, sporty coupe that can go up to 700

miles between fill-ups.¹ It's easy—just look at the sleek Insight. Its leading-edge styling says this gasoline-electric hybrid—the first in the U.S.—is something extraordinary, eluding the wind with a remarkably low 0.25 coefficient of drag. Its unique powertrain teams a lively 1.0-liter engine with an electric motor for instant response as well as 68 mpg on the highway,^{1,2} the best gas mileage in America. But you never have to plug it in. And its ultra-lightweight, rigid structure helps make the Insight a nimble handler. This car is proof that, with Honda, anything is possible.



Look.

Sleek form blends with elegant

function to create the Insight's unique style. Few cars make such a definitive visual statement. And fewer still back it up with a capability and purpose so inextricably intertwined. One thing's for sure: The Insight is one car that won't go by unnoticed.

Drive.

Quick and responsive,

the Insight is lots of fun to drive. If it occurs to you while you're having all that fun that you're getting the best gas mileage² of any car in America, that big grin may never go away.

Feel.

A breath of fresh

air, the Insight's cockpit is a blend of contemporary style, ergonomic design and just plain comfort. It's the perfect place to enjoy a driving experience like none other on the planet.

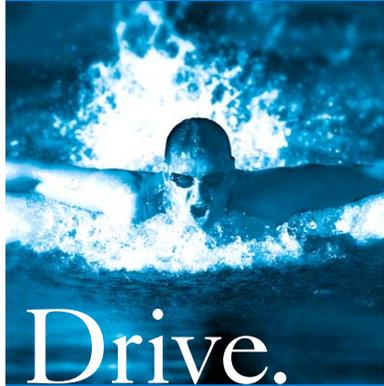
Dream.

Imagine a cleaner world

in which vehicles are friendlier to the environment and Earth's natural resources are regarded as precious indeed. Honda's making it a reality—thanks to the power of dreams.



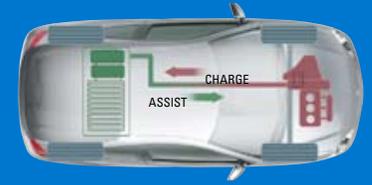
Many innovative Honda-developed technologies converge in the Insight, and its **hybrid** powertrain puts them all into motion. The



Integrated Motor Assist (IMA™) System pairs a highly efficient, cleaner-burning 1.0-liter, 3-cylinder VTEC™-E engine with an ultra-thin yet very powerful electric motor. So the Insight accelerates like a car with a larger engine, but features

extraordinary fuel economy² and levels of emissions that are much friendlier to the planet.³ The electric motor gets its power from a **nickel-metal hydride** (Ni-MH) battery pack that's

covered under a special 8-year/ 80,000-mile warranty.⁴ As you drive your Insight, the



IMA System automatically recharges the battery pack by turning the electric motor into a generator and recapturing power from the Insight's kinetic energy. Which means you **never plug it in** to an external charger. In fact, like the best of all technological innovations, the system is so well-designed and seamless that it requires no changes in your driving lifestyle. So the only hint that you're driving something remarkable is the Insight's idle-stop feature that cuts the engine to conserve fuel while you're stopped. Plus, you'll find yourself making a lot fewer trips to the gas pump.



Starting the Insight's engine is normally accomplished by the **IMA electric motor**. If the IMA battery-pack charge is low, a separate 12-volt battery and starter motor are used.



Acceleration is strong and responsive, as the **IMA motor** augments the output of the **gasoline engine**. The IMA assist indicator lights to show current flow from the batteries.



Cruising at a steady speed puts the Insight's low-emission, fuel-efficient² **1.0-liter VTEC-E** engine to work by itself. And as the charge indicator shows, the batteries receive some current.



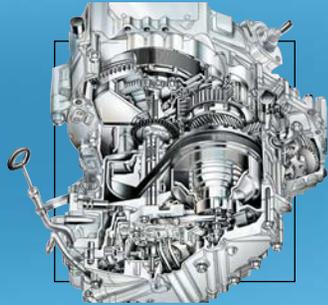
Braking is regenerative for the IMA motor's battery pack, tapping into the Insight's kinetic energy. Here, the IMA electric motor automatically becomes a highly effective **generator**.



At a stop the engine cuts off to reduce fuel consumption and emissions, thanks to the automatic **idle-stop feature**. And when you're ready to go again, it starts up by itself.



Team up. When IMA electric-motor power combines with the gasoline engine's horsepower, big things happen. Like a torque peak of **79 lb.-ft.** you can really feel.



Hands off. Get the convenience of an automatic transmission plus the performance benefits of a stick with the available **continuously variable transmission (CVT).**



Take off.



Insight shown in Monte Carlo Blue Pearl.

Insight's 1.0-liter, 12-valve, 3-cylinder engine is a study in engineering elegance. A lean-burn¹ fuel injection system and **VTEC-E** (variable valve timing and lift electronic control) technology improve power and economy. Aluminum alloys and exotic magnesium help keep it light. Even Insight's slick-shifting 5-speed manual

transmission is designed to be especially lightweight. Brilliant **friction-reducing measures** make both engine and transmission exceptionally efficient. And underscoring the Insight's sophistication is the fact that the first tune-up is scheduled at 105,000 miles.*

*Does not apply to fluid and filter changes. See your owner's manual for details.

Jolt your world.

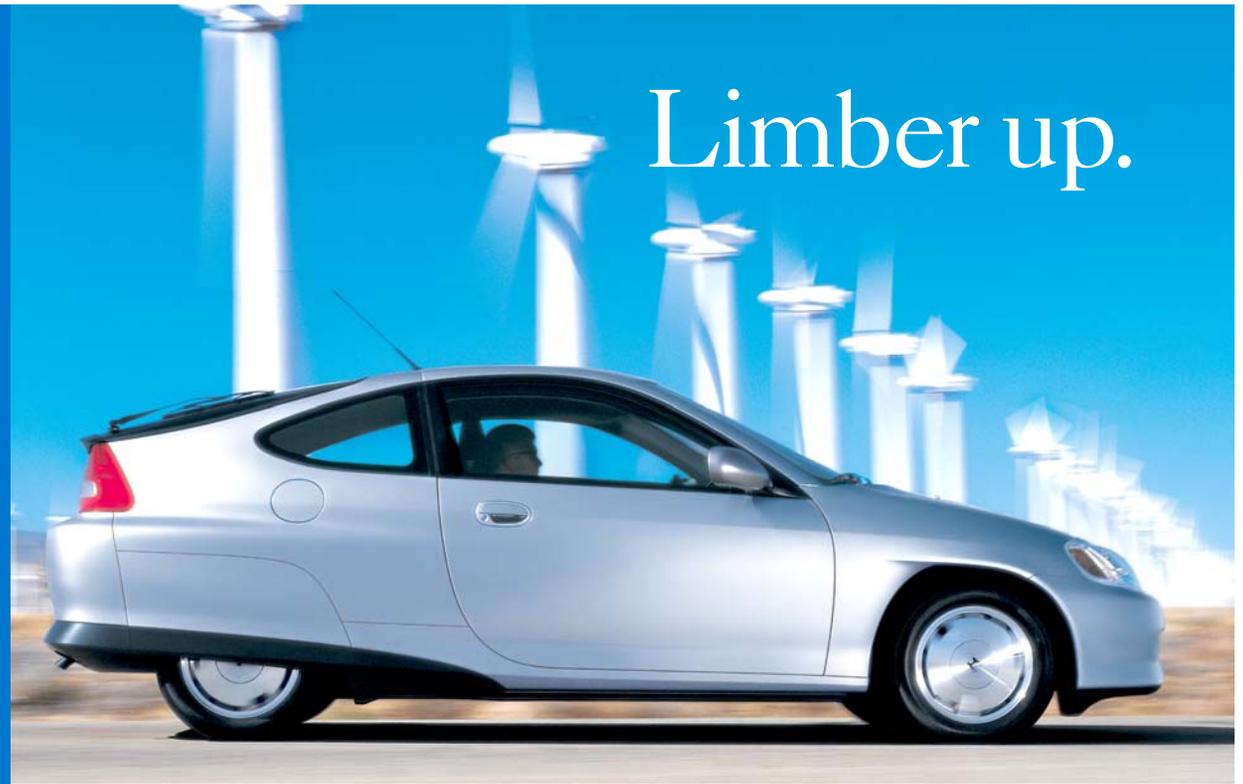


Insight shown in Silverstone Metallic.



Surround yourself. The Insight is a bulwark of protection, thanks to Honda-developed **G-Force Control Technology** (G-CON). Each part of the body and frame—and even the wheels, suspension and spare tire—help to absorb impact energy.

Insight shown in Silverstone Metallic.



Limber up.

As you might expect, safety technology in the Insight is state of the art. Front and rear **crush zones**, dual side-impact door beams, a rigid, box-sectioned cabin floor, reinforced hexagonal frame extrusions, an anti-lock braking system (ABS), dual front airbags and 3-point seat belts with **pretensioners** and load limiters are arrayed in your defense against the possibilities in an uncertain world.

The same lightweight, high-strength **chassis** features that contribute to Insight's safety also help make it a sporty, fun-to-drive coupe. Its 4-wheel independent suspension system has an aluminum-alloy MacPherson strut design with a **stabilizer bar** in front and a torsion-beam layout in back for agile handling and a smooth ride. Positive road feel results from the variable-assist Electric Power Steering (EPS)

system and its rack-and-pinion mechanism. And refined **aerodynamic** design plays a large role in Insight's remarkable performance and economy. Its 0.25 coefficient of drag is among the lowest in a production vehicle. Even the underside of the car is sculpted to reduce turbulence. And its low-rolling-resistance tires encircle sleek, disc-shaped **aluminum-alloy** wheels.



Insight instrument panel shown with available automatic air conditioning.

Slip behind the **sporty steering wheel** and get a unique new perspective on driving. The Insight offers plenty of room and excellent visibility. Its switches and controls are easy to use, and graphic digital instruments keep you up to date. An automatic air-conditioning system is available to let you maintain the same climate year-round. Its micron **air-filtration system** can keep

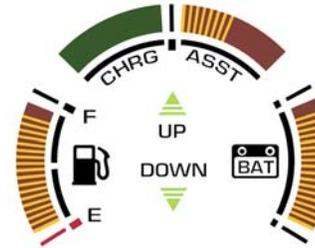
most pollen—and even diesel emissions—from entering your airspace. The trip computer provides helpful information. To keep your ears covered, Insight has an AM/FM stereo cassette. And convenience features encircle you. There are **power windows** with driver's auto-down, and power door locks with remote entry. Storage pockets and bins abound. There's even a pair of beverage holders.



Open up. Insight's wide-opening hatch lets you load a broad variety of items into the **16.3 cubic feet^s** of cargo space. There's also a convenient **storage well** beneath the cargo-area floor so you can stash your valuables where nobody can see them.



Check your vitals. A large, digital speedometer sits front and center in the instrument panel. Just below it, a **trip computer** provides handy information like the distance traveled as well as the current and cumulative fuel economy.



Stay informed. Electronic displays keep you apprised of your fuel level, whether the IMA System is charging or assisting the engine, and how much energy is in the battery pack. A **shift indicator¹** in the center prompts you to shift gears to enhance fuel economy.



Feel.

Surround yourself with style and spaciousness in the Insight's cockpit. The high-back bucket seats provide comfortable support. The **short-throw shifter¹** feels racy and precise. And the controls in the wraparound instrument panel feature classic Honda simplicity.



When you purchase a Honda, your vehicle is covered by the 3-year/36,000-mile limited warranty.³ In addition, the Insight's nickel-metal hydride (Ni-MH) battery pack comes with an 8-year/80,000-mile limited warranty.⁴ See **your dealer** for more details. You can contact us at 1-800-33-Honda, or visit our Web site at honda.com.

HONDA
Financial Services

HONDA
Care

Whether you buy or lease a Honda, **Honda Financial Services** can assist you with the process. Ask your dealer which lease or purchase plan best suits your needs.

Honda Care is a comprehensive and affordable vehicle and travel protection plan that is fully backed by Honda reliability, service and parts. See your dealer for more information.



Insight shown in Silverstone Metallic.

Honda Insight 2002 Specifications and Features.

IMA System	
Gasoline Engine	
Type: Aluminum-Alloy	In-Line 3-Cyl.
Displacement (cc)	995
Horsepower (MT) @ rpm (SAE net/with IMA ¹)	67 @ 5700/73 @ 5700
Horsepower (CVT) @ rpm (SAE net/with IMA)	65 @ 5700/71 @ 5700
Torque (MT) (lb.-ft. @ rpm/with IMA)	66 @ 4800/79 @ 1500
Torque (CVT) (lb.-ft. @ rpm/with IMA)	65 @ 4800/89 @ 2000
Compression Ratio (MT/CVT)	10.8:1/10.3:1
Valve Train: 12-Valve SOHC	VTEC™-E
Fuel-Injection System	Multi-Point w/Lean-Burn Technology ¹
Ignition System	Electronic w/Immobilizer
Emission Rating (MT/CVT)	ULEV ² /SULEV ³
Idle-Stop Feature	
105,000-Mile Tune-Up Interval*	
Electric Motor/Generator/Power Storage	
Motor Type	Permanent Magnet
Power Output: (kw @ rpm)	10 @ 3000
Motor Width (mm)	60
Battery Type	Nickel-Metal Hydride (Ni-MH)
Output	144V (120 cells @ 1.2V)
Rated Capacity	6.5 AH
Drivetrain	
Type	Front-Wheel Drive
Manual Transmission	5-Speed
Continuously Variable Transmission (CVT)	Available
Final Drive Ratio (MT/CVT)	3.21/5.69
Body/Suspension/Chassis	
Body Type	Aluminum Monocoque
Front Suspension	MacPherson Strut
Rear Suspension	Twist Beam
Front Stabilizer Bar (mm)	17.3
Electric Power Steering (EPS)	Variable-Assist Rack-and-Pinion
Turning Diameter, Curb-to-Curb (ft.)	31.5
Power-Assisted Front Disc/Rear Drum Brakes	
4-Wheel Anti-Lock Braking System (ABS)	
Wheels	14" Alloy
Low-Rolling-Resistance Tires: All-Season	P165/65 R14 78S
Exterior Dimensions	
Wheelbase (in.)	94.5
Length (in.)	155.1
Height (in.)	53.3
Width (in.)	66.7
Track (in., front/rear)	56.5/52.2
Curb Weight ² (lbs., MT/CVT)	1847(1878) ¹ /1964
EPA Mileage Estimates⁴/Fuel Capacity	
5-Speed Manual (City/Highway)	61/68
CVT (City/Highway)	57/56
Fuel (gal.)	10.6
Fuel Required	Unleaded Regular

*Does not apply to fluid and filter changes. See your owner's manual for details.

¹Manual-transmission model only. ²Based on 2001 curb weights and EPA mileage estimates. Final 2002 EPA mileage estimates were not available at the time of printing. Use for comparison purposes only. Actual mileage may vary. ³Manual-transmission model is California Air Resources Board (CARB) ULEV-certified for California and some Northeastern states, LEV-rated in the rest of the country. CVT model is CARB SULEV-certified for California and some Northeastern states, Bin 5-rated in the rest of the country. ⁴Limited warranty. See dealer for details. ⁵Based on in-house measurement. **3-Year/36,000-Mile Limited Warranty:** Ordinary maintenance or adjustments, parts subject to normal wear and replacement, and certain items are excluded. See your Honda dealer for terms and conditions of this limited warranty. ⁶Without (with) air conditioning. ⁷Standard on CVT model. **Always use seat belts and child restraints.** Specifications, features, illustrations and equipment shown in this brochure are based upon the latest available information at the time of printing. Although descriptions are believed correct, accuracy cannot be guaranteed. American Honda Motor Co., Inc., reserves the right to make changes at any time, without notice or obligation, in colors, specifications, accessories, materials and models. Some features mentioned herein are not available in all areas. See your Honda dealer for details. Some vehicles may be shown with optional equipment. ©2001 American Honda Motor Co., Inc.

Interior Dimensions	
Headroom (in., front)	38.8
Legroom (in., front)	42.9
Shoulder Room (in., front)	50.5
Hiproom (in., front)	48.7
Passenger Volume (cu. ft.)	47.4
Cargo Volume (cu. ft.) ⁵	16.3
Cargo Payload (lbs.)	400
Rear Hidden Storage Well (cu. ft.)	2.0
Exterior Features	
Body-Colored Power Mirrors and Door Handles	
Heat-Rejecting, Green-Tinted Glass	
Aerodynamic Rear Fender Skirts	
Impact-Absorbing Body-Colored Bumpers	
Rear Window Wiper/Washer	
High-Mounted Brake Light	
Roof-Mounted Radio Antenna	
Alloy Wheels	
Interior Features	
Available Automatic Air Conditioning w/Micron Air-Filtration System ⁸	
Power Windows w/Auto-Down Driver's Window	
Power Door Locks	
Remote Entry System w/Hatch Release	
AM/FM Stereo Cassette w/2 Speakers and Clock	
Immobilizer Theft-Deterrent System	
Electronic Instrument Display	
Fuel Mileage Computer	
Economy Shift Indicator ¹	
Driver's and Front Passenger's Airbags (SRS)	
3-Point Seat Belts	
Reclining High-Back Bucket Seats	
Beverage Holders	
3-Spoke Sport Steering Wheel	
Driver's Storage Compartment	
Lockable Glove Compartment	
Passenger Seatback Pocket	
Rear-Center Net Pocket	
Rear Hidden Storage Well	
2-Speed/Intermittent Windshield Wipers	
Rear Window Defroster w/Timer	
12-Volt Accessory Outlet	
Remote Fuel Filler Door Release	
Headlights-On Reminder	
Low-Fuel Indicator Light	
Door-/Hatch-Open Indicator Light	
Map Lights	
Driver's Vanity Mirror	
Cargo Area Light	
Cargo Hooks	

