



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.

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™)	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) ³ /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	