

2003 Honda

# INSIGHT



**Honda innovation** has driven the development of a long line of vehicles celebrated for their excellence of performance, efficiency and quality. But few vehicles proclaim their **advanced technologies** with such stunningly distinctive style as the 2003 Honda Insight. Its sleek aerodynamics combine with various breakthroughs to let this first-in-America hybrid get the best-in-America mileage of 68 mpg.<sup>12</sup> Which means that you can travel up to **700<sup>1</sup> miles** between fill-ups. And look positively brilliant doing it.

## Specifications and Features

Engineering	MT	CVT
Engine Type	In-Line 3-Cylinder	In-Line 3-Cylinder
Engine Block/Cylinder Head	Aluminum-Alloy	Aluminum-Alloy
Displacement (cc)	995	995
Horsepower @ rpm (SAE net/with IMA™)	67 @ 5700/73 @ 5700	65 @ 5700/71 @ 5700
Torque (lb.-ft. @ rpm/with IMA)	66 @ 4800/79 @ 1500	65 @ 4800/89 @ 2000
Bore and Stroke (mm)	72 x 81.5	72 x 81.5
Compression Ratio	10.8:1	10.3:1
Valve Train	12-Valve SOHC VTEC®-E	12-Valve SOHC VTEC®-E
Multi-Point Fuel Injection	Lean-Burn	•
Idle-Stop Feature	•	•
Front-Wheel Drive	•	•
Emissions Rating	ULEV <sup>3</sup>	SULEV <sup>3</sup>
Direct Ignition System with Immobilizer	•	•
105,000-Mile Tune-Up Interval*	•	•
Electric Motor/Generator		
Permanent Magnet Motor	•	•
Power Output	10 kW @ 3000 rpm	10 kW @ 3000 rpm
Motor Width (mm)	60	60
Electric Power Storage		
Nickel-Metal Hydride (Ni-MH) Battery	•	•
Output	144v (120 cells @ 1.2v)	144v(120 cells @ 1.2v)
Rated Capacity	6.5 Ah	6.5 Ah
Transmission		
5-Speed Manual Transmission	•	•
Continuously Variable Transmission (CVT)	•	•
Body/Suspension/Chassis		
Rigid Aluminum-Body Construction	•	•
MacPherson Strut Front Suspension	•	•
Torsion-Beam Rear Suspension	•	•
Stabilizer Bar (mm, front)	17.3	17.3
Electric Power-Assisted Rack-and-Pinion Steering (EPS)	•	•
Steering Wheel Turns, Lock-to-Lock	3.32	3.32
Steering Ratio	16.4	16.4
Turning Diameter, Curb-to-Curb (ft.)	31.4	31.4
Power-Assisted Ventilated Front Disc/Rear Drum Brakes (in., front/rear)	9.1/7.1	9.1/7.1
Anti-Lock Braking System (ABS)	•	•
Wheels	14" Lightweight Alloy	14" Lightweight Alloy
Low-Rolling-Resistance All-Season Tires	P165/65 R14 78S	P165/65 R14 78S
EPA Mileage Estimates <sup>2</sup> /Fuel Capacity		
5-Speed Manual (City/Highway)	61/68	•
Continuously Variable Transmission (CVT) (City/Highway)	•	57/56
Fuel (gal.)	10.6	10.6
Required Fuel	Regular Unleaded	Regular Unleaded

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

Interior Measurements	MT	CVT
Headroom (in., front)	38.8	38.8
Legroom (in., front)	42.9	42.9
Shoulder Room (in., front)	50.5	50.5
Hiproom (in., front)	48.7	48.7
Cargo Volume <sup>6</sup> (cu. ft.)	16.3	16.3
Maximum Permissible Payload <sup>7</sup> (lbs.)	400	400
Passenger Volume (cu. ft.)	47.4	47.4
Rear Hidden Storage Well (cu. ft.)	2.0	2.0
Exterior Measurements		
Wheelbase (in.)	94.5	94.5
Length (in.)	155.1	155.1
Height (in.)	53.3	53.3
Width (in.)	66.7	66.7
Track (in., front/rear)	56.5/52.2	56.5/52.2
Curb Weight (lbs.)	1847 (1878) <sup>8</sup>	1967
Exterior Features		
Body-Colored Dual Power Mirrors	•	•
Impact-Absorbing Body-Colored Bumpers	•	•
Aerodynamic Rear Fender Skirts	•	•
Remote Entry System	•	•
2-Speed/Intermittent Windshield Wipers	•	•
Rear Window Wiper/Washer	•	•
Comfort & Convenience		
Automatic Climate Control with Air-Filtration System	Available	•
Power Windows with Auto-Down Driver's Window	Illuminated Switch	Illuminated Switch
Power Door Locks	•	•
Beverage Holders	•	•
Passenger-Side Seatback Pocket	•	•
Lockable Glove Compartment	•	•
Rear-Center Net Pocket	•	•
Rear Hidden Storage Well	•	•
12-Volt Accessory Outlet	•	•
Rear Window Defroster with Timer	•	•
Audio Systems		
AM/FM/Cassette Audio System with 2 Speakers and Clock	•	•
Instrumentation		
Electronic Instrument Display	•	•
Idle-Stop Indicator Light	•	•
Digital Odometer and Digital Trip Meters (2)	•	•
Digital Fuel-Mileage Indicators	•	•
IMA Charge and Assist Indicators	•	•
Economy Shift Indicator	•	•
Battery Charge Indicator	•	•
Safety		
Front 3-Point Seat Belts with Automatic Tensioning System	•	•
Dual Front Airbags (SRS)	•	•
Immobilizer Theft-Deterrent System	•	•
Dual Side-Impact Door Beams	•	•

<sup>1</sup>Manual-transmission model only. <sup>2</sup>Based on 2003 EPA mileage estimates. Use for comparison purposes only. Actual mileage may vary. <sup>3</sup>Manual-transmission model is California Air Resources Board (CARB) ULEV-certified for CA, MA, ME, NY and VT; LEV-rated in the rest of the country. CVT model is CARB SULEV-certified for CA, MA, ME, NY and VT; Bin 5-rated in the rest of the country. <sup>4</sup>Limited warranty. See dealer for details. <sup>5</sup>Standard on CVT model. <sup>6</sup>Based on manufacturer's measurement. <sup>7</sup>Includes occupants and cargo. <sup>8</sup>Without (with) air conditioning. **<sup>9</sup>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. **Always use seat belts. The passenger's airbag poses serious risk to children, so Honda strongly recommends that you do not carry any child in this car. See the owner's manual for more details.** 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 to be 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. Available = Optional. Honda, the H-mark symbol, Honda Care, IMA and VTEC are trademarks of Honda Motor Co., Ltd. ©2002 American Honda Motor Co., Inc.