

Honda Insight Hybrid

Honda Insight, 1.3SE, RHD

2009



90%

ADULT OCCUPANT



74%

CHILD OCCUPANT



76%

PEDESTRIAN



86%

SAFETY ASSIST

ADULT OCCUPANT

Total 33 pts | 90%

FRONTAL IMPACT

15,5 pts



Driver



Passenger

SIDE IMPACT CAR

7,9 pts

SIDE IMPACT POLE

6 pts



Car



Pole

REAR IMPACT (WHIPLASH)

3,1 pts



FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	3mm
Steering wheel rearward	none
Steering wheel upward	none
Chest contact with steering wheel	none

UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard	none
Concentrated loads on knees	none

LOWER LEGS AND FEET

Footwell Collapse	none
Rearward pedal movement	accelerator - 25mm
Upward pedal movement	brake - 19mm

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	standard, cloth trim, 4 way manual adjust
Head restraint type	Reactive
Geometric assessment	0,7 pts

TESTS

- High severity	2,7 pts
- Medium severity	2,7 pts
- Low severity	2,4 pts

CHILD OCCUPANT

Total 36 pts | 74%

18 MONTH OLD CHILD

Restraint Britax Romer Baby Safe
Group 0, 0+
Facing rearward
Installation ISOFIX anchorages and support frame



PERFORMANCE **10,4 pts**
 INSTRUCTIONS **4 pts**
 INSTALLATION **2 pts**

FRONTAL IMPACT

Head forward movement protected
 Head acceleration good
 Chest load fair

SIDE IMPACT

Head containment protected
 Head acceleration good

3 YEAR OLD CHILD

Restraint Britax Romer Duo Plus
Group 1
Facing forward
Installation ISOFIX anchorages and top tether



PERFORMANCE **9,1 pts**
 INSTRUCTIONS **4 pts**
 INSTALLATION **2 pts**

FRONTAL IMPACT

Head forward movement protected
 Head acceleration good
 Chest load fair

SIDE IMPACT

Head containment protected
 Head acceleration good

VEHICLE BASED ASSESSMENT

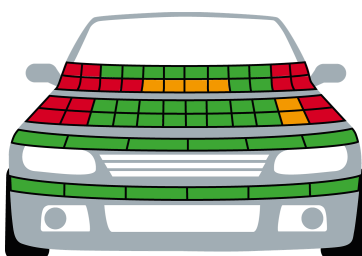
5 pts

Airbag warning Label

Text and pictogram warning label permanently attached to both sides of the passenger sun visor.

PEDESTRIAN

Total 27 pts | 76%



■ GOOD
■ MARGINAL
■ POOR

HEAD 15,4 pts
 PELVIS 6 pts
 LEG 6 pts

SAFETY ASSIST

Total 6 pts | 86%

SPEED LIMITATION ASSISTANCE 0 pts

- 0, not available

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- optional (but meets fitment requirements)

SEATBELT REMINDER 3 pts

- driver 1 pts
 - passenger 1 pts
 - rear 1 pts

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Honda Insight, 1.3SE, RHD
Body type	5 door hatchback
Year of publication	2009
Kerb weight	1240kg
VIN from which rating applies	applies to all 2009 model year Insights

SAFETY EQUIPMENT

Front seatbelt pretensioners	
Front seatbelt load limiters	
Driver frontal airbag	single stage
Front passenger frontal airbag	single stage
Side body airbags	
Side head airbags	

COMMENTS

Adult occupant

The passenger cell remained stable in the impact. The protection offered to adult occupants was rated as good for all body areas except the lower legs, where protection was rated as adequate. The dummies indicated little risk of injury to the knees, femurs and pelvis and Honda were able to demonstrate that the dashboard would provide similar levels of protection to occupants of different stature and to those sat in different seating positions. Protection of the chest was adequate in the side barrier impact but rib deflections indicated weak protection in the more severe side pole test. Protection against whiplash injuries in rear impacts was good.

Child occupant

Forward movement of the 3 year dummy's head, sat in a forward facing restraint, was not excessive in the frontal impact. In the side impact, both dummies were properly contained by the side of the restraint. No excessive forces or accelerations were measured by the dummies in the tests. The passenger airbag can be disabled to allow a rearward facing child restraint to be used in that seating position. However, information provided to the driver regarding the status of the airbag was not sufficiently clear. The potential dangers of using a rearward facing restraint in that seat without first disabling the airbag are clearly explained in a label which is permanently attached to the sun visor.

Pedestrian

The Insight scored very highly for pedestrian protection. The front edge of the bonnet provided good protection to pedestrians' legs and scored maximum points. The bumper also scored maximum points. However, tests done outside of Euro NCAP's normal test area revealed structures which gave poor protection. Euro NCAP will soon broaden its test areas so that, in the future, such poor areas are included in a vehicle's score. The bonnet also offered good protection in most areas likely to be struck by a child's head.

Safety assist

Electronic Stability Control (ESC) is standard in all left-hand drive countries. In some right-hand drive countries, ESC is currently optional on the base model but Honda hope soon to make it standard on all variants throughout the EU. The car has a seatbelt reminder system for both front and rear seats.