

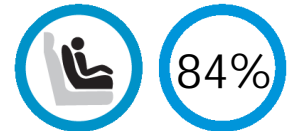
Lexus CT200h

Lexus CT200h, 1.8 petrol-hybrid 'Comfort' grade, RHD

2011



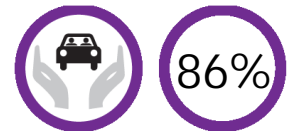
ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 34 pts | 94%

FRONTAL IMPACT

15,1 pts



Driver



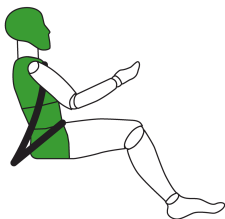
Passenger

SIDE IMPACT CAR

8 pts

SIDE IMPACT POLE

7,1 pts



Car



Pole

REAR IMPACT (WHIPLASH)

3,5 pts



FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	21mm
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	none
Upward pedal movement	accelerator - 56mm

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Standard cloth, 6 way manual
Head restraint type	Passive
Geometric assessment	1 pts

TESTS

- High severity	2,4 pts
- Medium severity	2,7 pts
- Low severity	2,5 pts

CHILD OCCUPANT

Total 41 pts | 84%

18 MONTH OLD CHILD

Restraint Lexus G0+ Baby Safe Plus
Group 0+
Facing rearward
Installation Adult seatbelt



PERFORMANCE 11,9 pts
INSTRUCTIONS 4 pts
INSTALLATION 2 pts

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load good

SIDE IMPACT

Head containment protected
Head acceleration good

3 YEAR OLD CHILD

Restraint Lexus Duo+
Group 1
Facing forward
Installation ISOFIX anchorages and top tether



PERFORMANCE 11,2 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

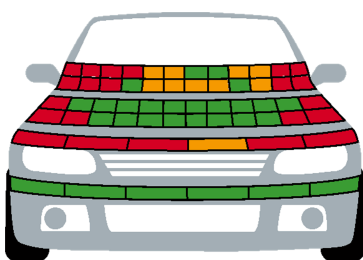
6 pts

Airbag warning Label

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

PEDESTRIAN

Total 20 pts | 55%



GOOD
MARGINAL
POOR

HEAD 13,5 pts
PELVIS 0,2 pts
LEG 6 pts

SAFETY ASSIST

Total 6 pts | 86%

SPEED LIMITATION ASSISTANCE 0 pts

Not assessed

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- VSC Pass

Yaw rate ratio (1.00s) 1,74 %

Yaw rate ratio (1.75s) 1,48 %

Lateral displacement (1.07s) 3,30 m

SEATBELT REMINDER 3 pts

- driver Pass

- passenger Pass

- rear Pass

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Lexus CT200h, 1.8 petrol-hybrid 'Comfort' grade, RHD
Body type	5 door hatchback
Year of publication	2011
Kerb weight	1410kg
VIN from which rating applies	applies to all CT200h of the specification tested

SAFETY EQUIPMENT

Front seatbelt pretensioners

Front seatbelt load limiters

Driver frontal airbag dual stage

Front passenger frontal airbag dual stage

Side body airbags

Side head airbags

Driver knee airbag

Electronic Stability Control

Seatbelt Reminder

COMMENTS

Adult occupant

The passenger compartment of the CT200h remained stable in the frontal impact. Knee airbags for the driver and passenger provided good protection to the knees and femurs. Lexus were able to show that a similar level of protection would be provided to occupants of different sizes and to those sat in different seating positions. Maximum points were scored in the side barrier impact, with all body regions being well protected. In the more severe side pole impact, chest protection was rated as marginal, based on dummy readings of rib deflections. Protection against whiplash injuries in the event of a rear-end collision was rated as good.

Child occupant

In the dynamic tests, the CT200h scored well for its protection of both the 3 year and 18 month dummies. The front passenger airbag can be disabled to allow a rearward-facing restraint to be used safely in that seating position. Information on the switch and in the dashboard provided clear indication to the driver about the status of the airbag and the system was rewarded by Euro NCAP.

Pedestrian

The bumper provided good protection to pedestrians' legs, scoring maximum points in Euro NCAP's tests. However, the front edge of the bonnet was poor in nearly all of the areas tested. In most areas likely to be struck by the head of a child the bonnet offered a good level of protection but, while good in places, was rated as poor or marginal in most areas where an adult's head might strike.

Safety assist

Electronic Stability Control is standard equipment on the CT200h and met Euro NCAP's requirements. A seatbelt reminder system is provided as standard for the driver, front passenger and rear seats.