

TEST RESULTS

Comparabile

Lexus IS 300h

Lexus IS 300h 2.5 Hybrid Drive, 'Executive Plus', RHD

TEST 2013



ADULTI



BAMBINI



PEDONI



SAFETY ASSIST



Totale 33 punti | 91%



Conducente Passeggero

IMPATTO FRONTALE 14.0 punti



Vettura Palo

IMPATTO LATERALE CONTRO VETTURA 8.0 punti

IMPATTO LATERALE CONTRO PALO 7.5 punti



TAMPONAMENTO (COLPO DI FRUSTA) 3.5 punti



Totale 42 punti | 85%

CRASH TEST PERFORMANCE 24.0 punti

CHILD SAFETY FEATURES 6.0 punti

Bambino di 18 mesi (12.0 punti)



Seggiolino testato (attacco)
Lexus MINI (ISOFIX)

Rearward facing

Bambino di 3 anni (12.0 punti)



Seggiolino testato (attacco)
Lexus MIDI (ISOFIX)

Forward facing



Attacco Isofix

CRS INSTALLATION CHECK 12.0 punti

Neonati fino a 13 kg

Maxi Cosi Cabriofix (Seatbelt)

Maxi Cosi Cabriofix (Seatbelt)

Maxi Cosi Cabriofix and EasyFix (Seatbelt)

Maxi Cosi Cabriofix and EasyFix (ISOFIX)

Neonati e bambini fino a 18 kg

BeSafe iZi Kid X3 ISOfix (ISOFIX)

Lexus MINI (ISOFIX)

Bambini da 9 a 18 kg

Römer King Plus (Seatbelt)

Römer Duo Plus (ISOFIX)

Maxi Cosi Pearl and Familyfix (ISOFIX)

Lexus MIDI (ISOFIX)

Bambini da 15 kg in su

Römer KidFix (Seatbelt)

Römer KidFix (ISOFIX)



Installazione senza problemi

Installazione accurata

Problema per la sicurezza

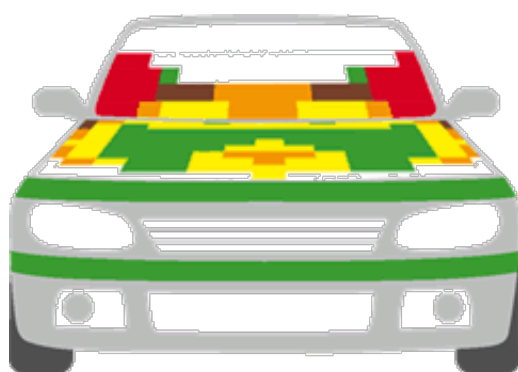
Installazione non consentita

Totale 29 punti | 80%

TESTA 16.9 punti

BACINO 6.0 punti

GAMBA 6.0 punti



Totale 6 punti | 66%

SISTEMA SBR

driver and passenger
sedile posteriore

Approvato
Approvato

3.0 punti

CONTROLLO ELETTRONICO DELLA STABILITÀ (ESC)

VSC

Approvato

3.0 punti

DISPOSITIVI DI LIMITAZIONE VELOCITÀ

0.0 punti

Dettagli della vettura testata

Specifiche

Modello testato

Tipo carrozzeria

Anno di pubblicazione

Peso

Numero di identificazione veicolo (VIN) a cui si riferisce la valutazione

Classe

Lexus IS 300h 2.5 Hybrid Drive, 'Executive Plus', RHD

4 porte berlina

2013

1670kg

Applicabile a tutte le applies IS 300h testate

Large Family Car.

Safety equipment

Rear pretensioners

Pretensionatori della cintura di sicurezza sedile anteriore

Limitatori di carico cinture di sicurezza anteriori

Airbag anteriore conducente

Airbag anteriore passeggero

Airbag laterali

Airbag laterale per la testa

Airbag ginocchia conducente

Controllo elettronico della stabilità

Segnalazione di cintura di sicurezza non allacciata Driver, Passenger and Rear

Commenti

Protezione dei adulti

The passenger compartment of the IS 300h remained stable in the frontal impact. Dummy readings indicated good protection of the knees and femurs of both the front seat occupants. Lexus showed that a similar level of protection would be provided to occupants of different sizes and to those sat in different positions. The car scored maximum points in the side barrier test, providing good protection to all parts of the body. Even in the more severe side pole test, protection of the chest was adequate and that of other body regions was good. The seat and head restraint provided good protection against whiplash injuries in the event of a rear-end collision.

Bambini

Based on dummy readings and measurements in the dynamic tests, the IS 300h scored maximum points for the protection it provided to both the 18 month and 3 year infants. In the frontal impact, forward movement of the head of the 3 year dummy, sat in a forward-facing restraint, was not excessive. In the side impact, both dummies were properly contained by the protective shells of their restraints, minimising the likelihood of dangerous head contact with the car interior. The front passenger airbag can be deactivated to allow a rearward-facing child restraint to be used in that seating position. Clear information is provided to the driver regarding the status of the airbag and the system was rewarded. All categories of child restraints for which the car is designed could be safely installed in the vehicle.

Pedoni

The IS 300h has an 'active' bonnet which provides additional head protection for struck pedestrians. Sensors in the bumper detect when a pedestrian has been struck and actuators lift the bonnet to provide greater clearance to the hard structures underneath. Lexus showed that the system could detect pedestrians of different statures over a range of speeds. Accordingly, the car was tested with the bonnet in the deployed position and provided good or adequate levels of protection over most of the bonnet surface. The bumper and the leading edge of the bonnet also performed well, the car scoring maximum points for the protection it offered to the legs and pelvis of a struck pedestrian.

Dispositivi di sicurezza

Electronic stability control is standard equipment on the IS 300h and met Euro NCAP's test requirements. A seatbelt reminder is standard for the front and rear seats. The IS 300h does not have a speed limitation device.