



Lexus UX
Standard Safety Equipment

2019



Adult Occupant



96%

Child Occupant



85%

Vulnerable Road Users



82%

Safety Assist



77%

SPECIFICATION

| | |
|-------------------------------|--------------------|
| Tested Model | Lexus UX 250h, LHD |
| Body Type | - 5 door SUV |
| Year Of Publication | 2019 |
| Kerb Weight | 1580kg |
| VIN From Which Rating Applies | - all UX |
| Class | Small SUV |

 Rating Expired

SAFETY EQUIPMENT

| | Driver | Passenger | Rear |
|--------------------------|--------|-----------|------|
| FRONTAL CRASH PROTECTION | | | |
| Frontal airbag | ● | ● | ✗ |
| Belt pretensioner | ● | ● | ● |
| Belt loadlimiter | ● | ● | ● |
| Knee airbag | ● | ● | ✗ |
| SIDE CRASH PROTECTION | | | |
| Side head airbag | ● | ● | ● |
| Side chest airbag | ● | ● | ✗ |
| Side pelvis airbag | ● | ● | ✗ |

| | Driver | Passenger | Rear |
|-----------------------|--------|-----------|------|
| CHILD PROTECTION | | | |
| Isofix/i-Size | — | ✗ | ● |
| Integrated CRS | — | ✗ | ✗ |
| Airbag cut-off switch | — | ● | — |
| SAFETY ASSIST | | | |
| Seat Belt Reminder | ● | ● | ● |

SAFETY EQUIPMENT (NEXT)

| | Driver | Passenger | Rear |
|-------------------------|--------|-----------|------|
| CHILD PROTECTION | | | |
| Isofix/i-Size | — | ✗ | ● |
| Integrated CRS | — | ✗ | ✗ |
| Airbag cut-off switch | — | ● | — |
| SAFETY ASSIST | | | |
| Seat Belt Reminder | ● | ● | ● |
| OTHER SYSTEMS | | | |
| Active Bonnet (Hood) | ✗ | | |
| AEB Pedestrian | ● | | |
| AEB City | ● | | |
| AEB Cyclist | ● | | |
| AEB Inter-Urban | ● | | |
| Speed Assistance System | ● | | |
| Lane Assist System | ● | | |

Note: Other equipment may be available on the vehicle but was not considered in the test year.

- Fitted to the vehicle as standard ○ Fitted to the vehicle as part of the safety pack
- Not fitted to the test vehicle but available as option or as part of the safety pack ✗ Not available — Not applicable

 ADULT OCCUPANT

Total 36.7 Pts / 96%

| | | | | |
|------|----------|----------|------|------|
| GOOD | ADEQUATE | MARGINAL | WEAK | POOR |
|------|----------|----------|------|------|

Frontal Offset Deformable Barrier 7.2 / 8 Pts



Passenger



Driver

Frontal Full Width 7.7 / 8 Pts



Rear Passenger



Driver

Whiplash Rear Impact 1.8 / 2 Pts



Front seat



Rear seat

Lateral Impact 16.0 / 16 Pts



Car



Pole

 ADULT OCCUPANT

Total 36.7 Pts / 96%

 GOOD ADEQUATE MARGINAL WEAK POOR

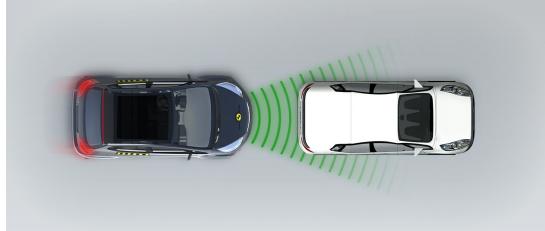
AEB City

 4.0 / 4 Pts

Approaching a stationary car: Left Offset



Approaching a stationary car: No Offset



Approaching a stationary car: Right Offset



 CHILD OCCUPANT

Total 42.1 Pts / 85%



Crash Test Performance based on 6 & 10 year old children

23.1 / 24 Pts

| Frontal Impact | 15.1 Pts | Lateral Impact | 8 Pts |
|---|----------|----------------|-------|
|  | | | |
| | | | |

Restraint for 6 year old child: *Britax Römer KidFix XP*Restraint for 10 year old child: *Booster Cushion*

Safety Features

7.0 / 13 Pts

| | Front Passenger | 2nd row outboard | 2nd row center |
|----------------|-----------------|------------------|----------------|
| Isofix | ✗ | ● | ✗ |
| i-Size | ✗ | ● | ✗ |
| Integrated CRS | ✗ | ✗ | ✗ |

 Fitted to test car as standard

 Not on test car but available as option

 Not available

CRS Installation Check

12.0 / 12 Pts

● Install without problem ● Install with care ● Safety critical problem ✖ Installation not allowed

■ i-Size CRS

Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)



Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize)



BeSafe iZi Kid X2 i-Size (iSize)



BeSafe iZi Flex FIX i-Size (iSize)



■ ISOFIX CRS

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X4 ISOfix (ISOFIX)



Britax Römer Duo Plus (ISOFIX)



Britax Römer KidFix XP (ISOFIX)




 CHILD OCCUPANT

Total 42.1 Pts / 85%

■ Universal Belted CRS

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)



Britax Römer King II LS (Belt)



Britax Römer KidFix XP (Belt)



Comments

In the frontal offset test, protection of the 6 and 10 year dummies was good apart from the neck, protection of which was adequate. In the side barrier test, full points were scored with good protection of all critical parts of the body. The front passenger airbag can be disabled 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 of the restraint types for which the UX is designed could be properly installed and accommodated.


 CHILD OCCUPANT

Total 42.1 Pts / 85%

| | Seat Position | | | |
|---|---------------|-----------|------|--------|
| | Front | 2nd row | | |
| | | PASSENGER | LEFT | CENTER |
| Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize) | — | ● | — | ● |
| Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize) | — | ● | — | ● |
| BeSafe iZi Kid X2 i-Size (iSize) | — | ● | — | ● |
| BeSafe iZi Flex FIX i-Size (iSize) | — | ● | — | ● |
| Maxi Cosi Cabriofix & FamilyFix (ISOFIX) | — | ● | — | ● |
| BeSafe iZi Kid X4 ISOfix (ISOFIX) | — | ● | — | ● |
| Britax Römer Duo Plus (ISOFIX) | — | ● | — | ● |
| Britax Römer KidFix XP (ISOFIX) | — | ● | — | ● |
| Maxi Cosi Cabriofix (Belt) | ● | ● | ● | ● |
| Maxi Cosi Cabriofix & EasyBase2 (Belt) | ● | ● | ✗ | ● |
| Britax Römer King II LS (Belt) | ● | ● | ● | ● |
| Britax Römer KidFix XP (Belt) | ● | ● | ● | ● |

 Easy

 Difficult

 Safety critical

 Not allowed

 Not available

Comments

In the frontal offset test, protection of the 6 and 10 year dummies was good apart from the neck, protection of which was adequate. In the side barrier test, full points were scored with good protection of all critical parts of the body. The front passenger airbag can be disabled 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 of the restraint types for which the UX is designed could be properly installed and accommodated.



VULNERABLE ROAD USERS

Total 39.4 Pts / 82%



VRU Impact Protection

28.1 / 36 Pts



| | |
|---------------|----------|
| Head Impact | 17.1 Pts |
| Pelvis Impact | 5.0 Pts |
| Leg Impact | 6.0 Pts |

Vulnerable Road Users

11.3 / 12 Pts

| | |
|------------------|---|
| System Name | Pre Crash System as part of Lexus Safety System + |
| Type | Auto-Brake with Forward Collision Warning |
| Operational From | 10 km/h |

Comments

The protection provided by the bonnet to the head of a struck pedestrian was predominantly good or adequate. The bumper provided good protection to pedestrians' legs at all test locations, and scored maximum points. Protection of the pelvis was more mixed but was largely good or adequate. The AEB system of the UX can detect vulnerable road users, as well as other vehicles. The system scored maximum points in tests of its performance in reacting to pedestrians with collisions avoided in all scenarios, and it performed well in tests of its cyclist detection.



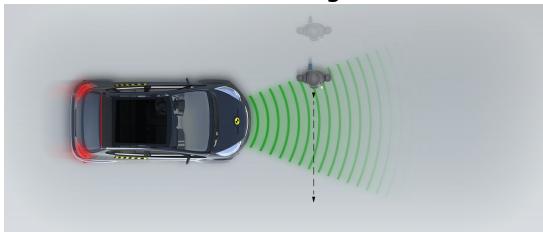
VULNERABLE ROAD USERS

Total 39.4 Pts / 82%

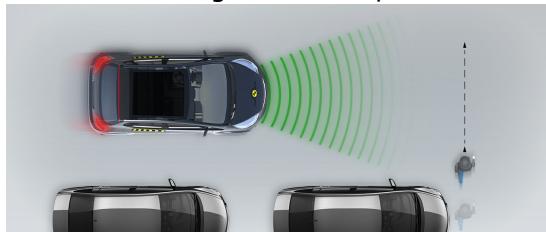
AEB Pedestrian

■ Day time

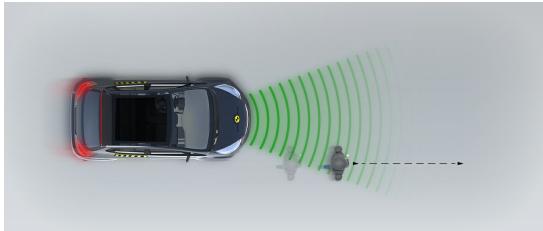
Adult crossing the road



Child running from behind parked vehicles



Adult along the roadside



■ Night time

Adult crossing the road



Adult along the roadside

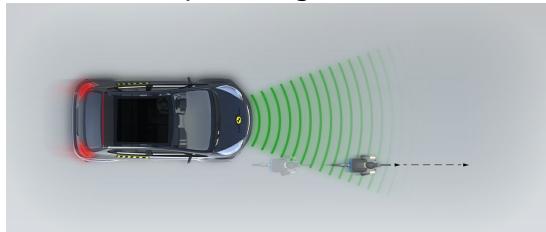


AEB Cyclist

Approaching a crossing cyclist



Cyclist along the roadside



 **SAFETY ASSIST**

Total 10.1 Pts / 77%

 GOOD
 ADEQUATE
 MARGINAL
 WEAK
 POOR
Speed Assistance
 2.4 / 3 Pts

| | | | |
|----------------------------------|--|--|--|
| System Name | Dynamic Radar Cruise Control with Road Sign Assist as part of Lexus Safety System+ | | |
| Speed Limit Information Function | Camera based | | |
| Speed Limitation Function | System advised (accurate to 5km/h) | | |

Seatbelt Reminder
 3.0 / 3 Pts

| Applies To | Not available | | |
|--------------------|---------------|--------------------|-------------------|
| Warning | Driver Seat | Front Passenger(s) | Rear Passenger(s) |
| Visual | ● | ● | ● |
| Audible | ● | ● | ● |
| Occupant Detection | — | ● | ● |

● Pass

● Fail

— Not available
Lane Support
 2.3 / 4 Pts

| | | | |
|------------------|---|--|--|
| System Name | Lane Departure Alert with steering control as part of Lexus Safety System + | | |
| Type | LKA (including LDW) | | |
| Operational From | 50 km/h | | |

PERFORMANCE

| | |
|-------------------------|--|
| Lane Keep Assist | GOOD |
| Human Machine Interface | ADEQUATE |

 SAFETY ASSIST

Total 10.1 Pts / 77%

AEB Inter-Urban

 2.4 / 3 Pts

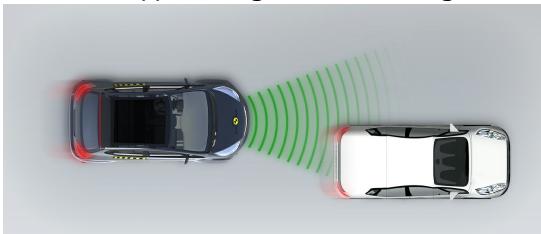
| | |
|------------------|--|
| System Name | Pre-crash System as part of Lexus Safety System + |
| Type | Autonomous Emergency Braking and Forward Collision Warning |
| Operational From | 10 km/h |

Comments

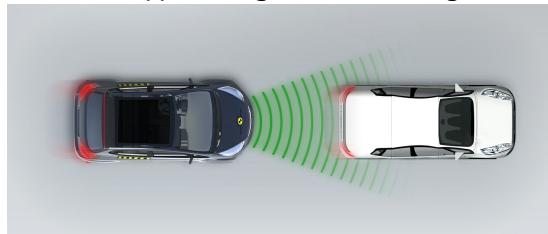
The AEB system performed well in tests of its reaction to other vehicles at highway speeds. The lane support system helps to prevent inadvertent drifting out of lane but does not intervene in more critical situations, as do the systems of some other vehicles. The speed assistance system uses a camera to determine the local speed limit. The limit is presented to the driver and offers the opportunity to set the limiter to the speed shown. There is a seatbelt reminder for the front and rear seats.

■ Autobrake function only

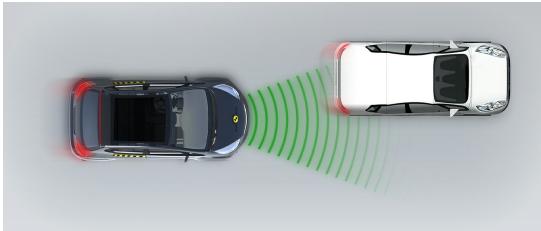
Approaching a slower moving car



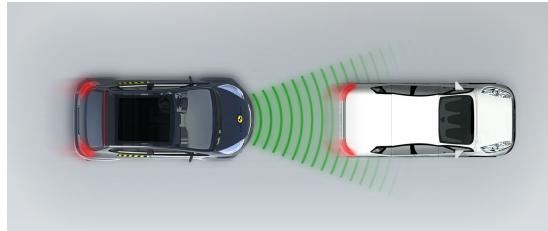
Approaching a slower moving car



Approaching a slower moving car



Approaching a braking car

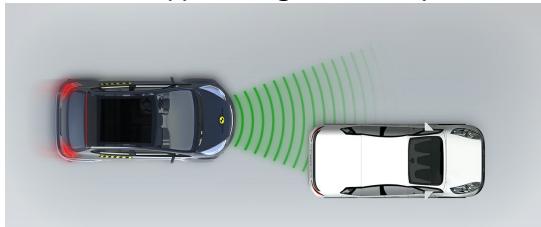


 SAFETY ASSIST

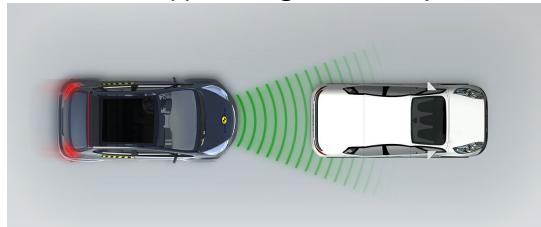
Total 10.1 Pts / 77%

■ Driver reacts to warning

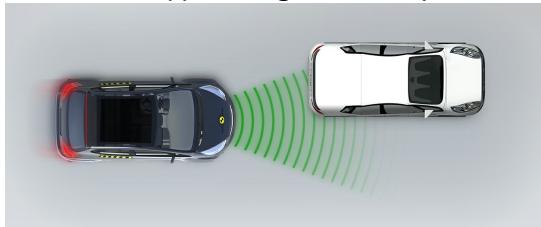
Approaching a stationary car



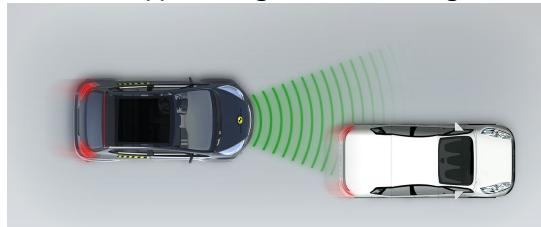
Approaching a stationary car



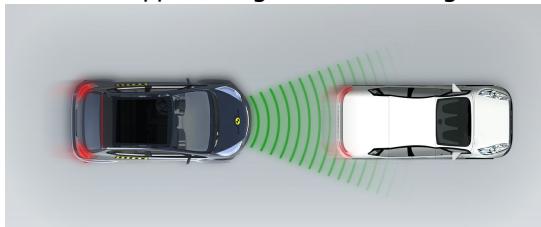
Approaching a stationary car



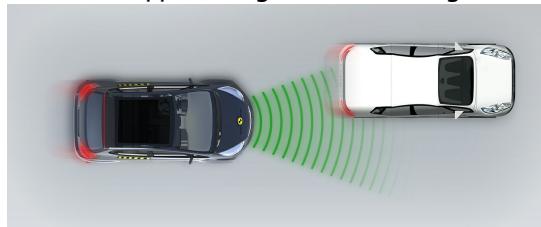
Approaching a slower moving car



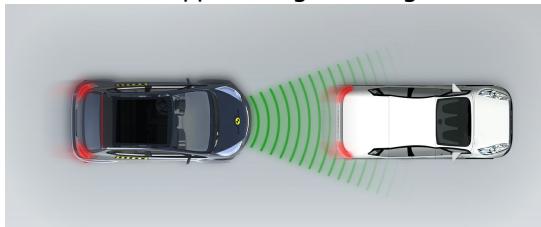
Approaching a slower moving car



Approaching a slower moving car



Approaching a braking car



RATING VALIDITY

Variants of Model Range

| Body Type | Engine & Transmission | Model Name/Code | Drivetrain | Rating Applies | |
|------------|-----------------------|-----------------|------------|----------------|-----|
| | | | | LHD | RHD |
| 5 door SUV | 2.0 Hybrid | UX 250h* | 4 x 2 | ✓ | ✓ |
| 5 door SUV | 2.0 Hybrid | UX 250h e-Four | 4 x 4 | ✓ | ✓ |
| 5 door SUV | 2.0 Petrol | UX 200 | 4 x 2 | ✓ | ✓ |
| 5 door SUV | Electric Motor | UX 300e | 4 x 2 | ✓ | ✓ |

* Tested variant

Annual Reviews and Facelifts

| Date | Event | Outcome | |
|------------|---|---|---|
| May 2019 | Rating Published | 2019  | ✓ |
| March 2021 | Addition of 300e battery electric variant | 2019  | ✓ |