

Subaru XV

Subaru XV, 2.0i, LHD

2011



86%

ADULT OCCUPANT



90%

CHILD OCCUPANT



64%

PEDESTRIAN



86%

SAFETY ASSIST

ADULT OCCUPANT

Total 31 pts | 86%

FRONTAL IMPACT

13 pts



Driver



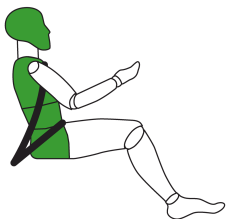
Passenger

SIDE IMPACT CAR

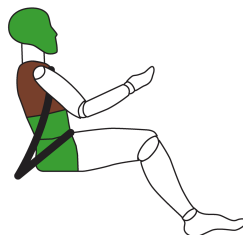
8 pts

SIDE IMPACT POLE

6,4 pts



Car



Pole

REAR IMPACT (WHIPLASH)

3,4 pts



GOOD



ADEQUATE



MARGINAL



WEAK



POOR

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 Steering column and adjuster, facia

Concentrated loads on knees Steering column and adjuster, facia

LOWER LEGS AND FEET

Footwell Collapse rupture

Rearward pedal movement accelerator - 73mm

Upward pedal movement none

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 2,6 pts

- Low severity 2,5 pts

CHILD OCCUPANT

Total 44 pts | 90%

18 MONTH OLD CHILD

Restraint Fair G 0/1 Isofix
Group 0 / 1
Facing rearward
Installation ISOFIX anchorages and support frame



PERFORMANCE **12 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 Römer Duo plus Isofix
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

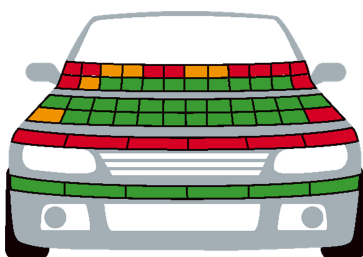
9 pts

Airbag warning Label

Text and pictogram label on passenger sun visor

PEDESTRIAN

Total 23 pts | 64%



GOOD
 MARGINAL
 POOR

HEAD 16,9 pts
 PELVIS 0 pts
 LEG 6 pts

SAFETY ASSIST

Total 6 pts | 86%

SPEED LIMITATION ASSISTANCE 0 pts

Not assessed

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- VDC Pass
 Yaw rate ratio (1.00s) 13,80 %
 Yaw rate ratio (1.75s) 2,00 %
 Lateral displacement (1.07s) 2,95 m

SEATBELT REMINDER 3 pts

- driver Pass
 - passenger Pass
 - rear Pass

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Subaru XV, 2.0i, LHD
Body type	5 door hatchback
Year of publication	2011
Kerb weight	1435kg
VIN from which rating applies	applies to all XV's of the specification tested

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	
Driver knee airbag	
Electronic Stability Control	
Seatbelt Reminder	driver, passenger and rear seats

COMMENTS

Adult occupant

In the frontal impact, the passenger compartment remained stable. However, there was rupture of several spot-welds in the driver's footwell and the car was penalised. Subaru have informed Euro NCAP that they have made improvements to the welding in this area. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. However, structures in the dashboard were thought to pose a risk to occupants of different sizes and to those sat in different positions. In the side barrier test, the XV scored maximum points with good protection of all body areas. However, in the more severe side pole test, dummy readings of rib compression indicated weak chest protection. The seat and head restraint provided good protection against whiplash injuries in the event of a rear-end collision.

Child occupant

Based on dummy readings in the dynamic crash tests, the XV scored maximum points for its protection of the 18 month infant. In the frontal impact, forward movement of the 3 year dummy, sat in a forward facing restraint, was not excessive. In the side impact, both dummies were properly contained by their restraints, minimising the possibility of dangerous head contacts. The front passenger airbag of the XV is by default off, allowing a rearward facing child restraint to be used in that seating position. The airbag is turned on only when an occupant of a suitable size is detected in the seat. The system met Euro NCAP's requirements and was rewarded.

Pedestrian

The bumper scored maximum points for its protection of pedestrians' legs. However, the front edge of the bonnet was poor in all areas tested and scored no points. In most areas where a child's head might strike, the bonnet provided good protection. However, the protection provided in those areas where an adult's head would strike was predominantly poor or marginal.

Safety assist

Electronic stability control is standard equipment on the XV, as is a seatbelt reminder system for the driver, passenger and rear seats. A speed limitation device is not offered on the XV.