



Subaru XV
Standard Safety Equipment

2017



Adult Occupant



94%

Child Occupant



89%

Pedestrian



84%

Safety Assist



68%

SPECIFICATION

Tested Model	Subaru XV 2.0i-S EyeSight, LHD
Body Type	- 5 door hatchback
Year Of Publication	2017
Kerb Weight	1462kg
VIN From Which Rating Applies	- all XVs
Class	Small Family Car

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	●	●	✘

Version 130318

SAFETY EQUIPMENT (NEXT)

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

OTHER SYSTEMS	
Active Bonnet (Hood)	✗
AEB Pedestrian	●
AEB City	●
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 35.8 Pts / 94%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Frontal Offset Deformable Barrier 7.8 Pts

Passenger Driver

Frontal Full Width 6.8 Pts

Rear Passenger Driver

Whiplash Rear Impact 2.4 Pts

Front seat Rear seat

Lateral Impact 15.8 Pts

Car Pole

AEB City 3

Performance: ■ Good

 ADULT OCCUPANT

Total 35.8 Pts / 94%

Comments

The passenger compartment of the XV remained stable in the frontal impact. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. Subaru demonstrated that a similar level of protection would be provided to occupants of different sizes and to those sat in different positions. In the full-width rigid barrier test, protection of the driver was good for all critical body areas. However, the pelvis of the rear passenger dummy slipped below the lap section of the seatbelt. Protection of the pelvis was rated as poor and the score was penalised. Protection was otherwise good or adequate. In the side barrier test, protection of all critical body areas was good and the XV scored maximum points. Even in the more severe side pole test, protection of the chest was adequate and that of other parts of the body was good. Tests on the front seats and head restraints demonstrated good protection against whiplash injury in the event of a rear-end collision. A geometric assessment of the rear seats also indicated good whiplash protection. The standard-fit 'Eyesight' autonomous emergency braking system performed well in tests of its functionality at the low speeds at which many whiplash injuries are caused, with collisions avoided at all test speeds.

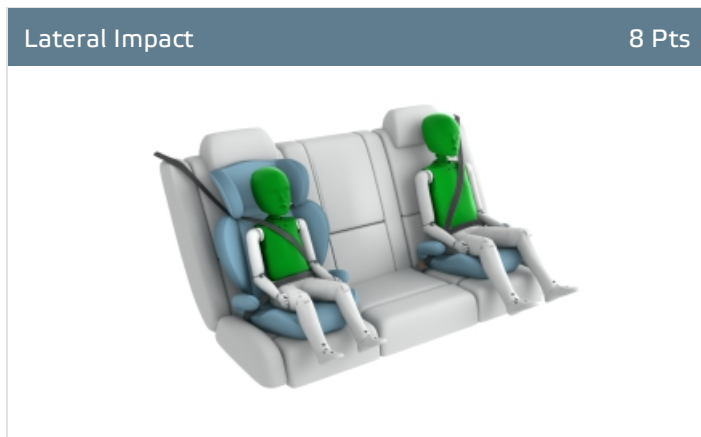
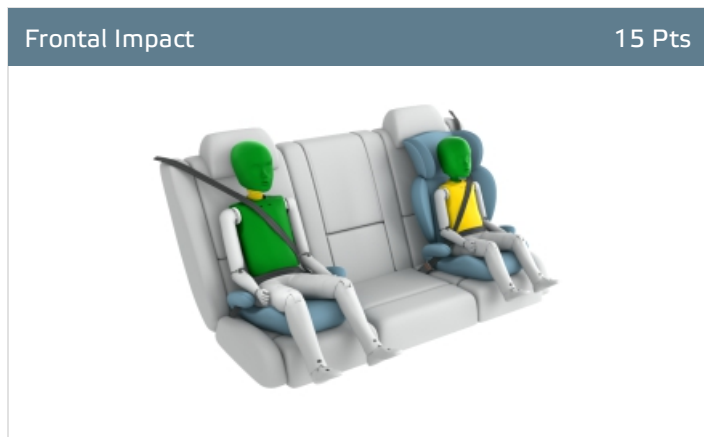
CHILD OCCUPANT

Total 44.0 Pts / 89%

GOOD ADEQUATE MARGINAL WEAK POOR

Crash Test Performance based on 6 & 10 year old children

23 Pts



Restraint for 6 year old child: *Romer KidFix XP*
 Restraint for 10 year old child: *Graco Junior*

Safety Features

9 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 Pts

● Install without problem ○ Install with care ● Safety critical problem ✗ Installation not allowed

■ i-Size CRS



CHILD OCCUPANT

Total 44.0 Pts / 89%

ISOFIX CRS

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X4 ISOfix (ISOFIX)



Römer Duo Plus (ISOFIX)



Römer KidFix XP (ISOFIX)



Universal Belted CRS

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)



Römer King II LS (Belt)



Römer KidFix XP (Belt)



CHILD OCCUPANT

Total 44.0 Pts / 89%

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

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

Comments

In the frontal offset test, protection of both the 6 and 10 year dummies was good or adequate. In the side barrier test, protection was good for all critical body areas. The XV has a system which automatically disables the front passenger airbag when a rearward-facing child restraint is in that seating position. Tests showed that the system worked robustly and it was rewarded. All of the child restraints for which the XV is designed could be properly installed and accommodated in the car.

PEDESTRIAN PROTECTION

Total 35.4 Pts / 84%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Pedestrian Protection	35.4 Pts						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Head Impact</td> <td style="text-align: right; padding: 5px;">18.9 Pts</td> </tr> <tr> <td style="padding: 5px;">Pelvis Impact</td> <td style="text-align: right; padding: 5px;">5.2 Pts</td> </tr> <tr> <td style="padding: 5px;">Leg Impact</td> <td style="text-align: right; padding: 5px;">6 Pts</td> </tr> </table>	Head Impact	18.9 Pts	Pelvis Impact	5.2 Pts	Leg Impact	6 Pts
Head Impact	18.9 Pts						
Pelvis Impact	5.2 Pts						
Leg Impact	6 Pts						

AEB Pedestrian		5.3 Pts
System Name	Eyesight	
Type	Auto-Brake with Forward Collision Warning	
Operational From	10 Km/h	
Additional Information	Defaults on for every journey; operates above 40km/h and in low ambient light	

PERFORMANCE ■	Autobrake Function	
	Avoidance	Mitigation
Running Adult crossing from Farside	Collision avoided up to 50 km/h	Impact mitigated up to 55 km/h
Walking Adult crossing from Nearside -25%	Collision avoided up to 60 km/h	
Walking Adult crossing from Nearside -75%	Collision avoided up to 60 km/h	
Running Child from behind parked vehicles	Collision avoided up to 35 km/h	Impact mitigated up to 45 km/h

Comments

The protection provided by the bonnet to the head of a struck pedestrian was good or adequate over almost all of its surface. Protection of pedestrians' lower legs by the bumper was good at all test locations. Protection of the pelvis was mixed, with areas of good and weak performance. In tests of its functionality with a pedestrian target, the autonomous emergency braking system performed well, with collisions avoided or mitigated in all scenarios.

 SAFETY ASSIST

Total 8.3 Pts / 68%

GOOD
 ADEQUATE
 MARGINAL
 WEAK
 POOR

Speed Assistance

0 Pts

Seat Belt Reminder

3 Pts

Applies To	All seats		
	Driver Seat	front passenger(s)	rear passenger(s)
Warning			
Visual	●	●	●
Audible	●	●	●

● Pass
 ● Fail
 — Not available

Lane Support

2.7 Pts

System Name	EyeSight
Type	Lane Keep Assist and Lane Departure Warning
Operational From	50 km/h
Warning	Audible and Visual
PERFORMANCE	
LKA Confirmation Test	Pass (5/5)
LDW Confirmation Test	Pass

SAFETY ASSIST

Total 8.3 Pts / 68%

AEB Interurban

2.6 Pts

System Name	EyeSight
Type	Forward Collision Warning with Auto-Brake
Operational From	1 Km/h
Additional Information	Default On

PERFORMANCE		
	Autobrake Function Only	Driver reacts to warning
Operational Speed	1-200 Km/h	10-200 Km/h
Approaching a stationary car	See AEB City	Crash avoided up to 75km/h. Crash speed reduced up to 80km/h.
Approaching a slower moving car	Crash avoided up to 70km/h.	Crash avoided up to 80km/h.
FOLLOWING A CAR AT SHORT DISTANCE		
Car in front brakes gently	Avoidance	Avoidance
Car in front brakes harshly	Mitigation	Mitigation
FOLLOWING A CAR AT LONG DISTANCE		
Car in front brakes gently	Avoidance	Avoidance
Car in front brakes harshly	Avoidance	Avoidance

Comments

The XV has a seatbelt reminder system for the front and rear seats. A lane assistance system warns the driver when the car is drifting out of lane and gently helps to correct the driving path. The autonomous emergency braking system performed well in tests of its functionality at highway speeds, with collisions avoided or mitigated in all scenarios and at all test speeds.

RATING VALIDITY

Variants of Model Range

Body Type	Engine	Model Name/Code	Drivetrain	Rating Applies	
				LHD	RHD
5 door hatchback	1.6 i petrol	1.6i EyeSight	4 x 4		
5 door hatchback	1.6 i-S petrol	1.6i-S EyeSight	4 x 4		
5 door hatchback	2.0 i-S petrol	2.0i EyeSight	4 x 4		

* Tested variant

Annual Reviews and Facelifts

Date	Event	Outcome
November 2017	Rating Published	2017