



2017





# Adult Occupant



94%

Child Occupant



89%

**VRU** Impact Protection



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

X

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	<del>_</del>	×	•
Integrated CRS		×	×
Airbag cut-off switch			_
SAFETY ASSIST			
Seat Belt Reminder	•		•



# SAFETY EQUIPMENT (NEXT)

	Driver	Passenger	Rear
CHILD PROTECTION			
lsofix/i-Size	_	×	
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	•

Mate.	O+b	 - 4bb:- - b4	as not considered in	. 46- 44

Fitted to the vehicle as standard	Fitted to the vehicle as part of the safety pack

C	Not fitted to the test vehicle but available as option or as part of the safety pack	🗶 Not available	— Not applicable
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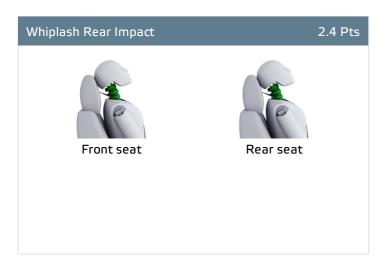


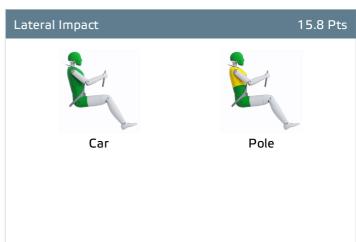
Total 35.8 Pts / 94%

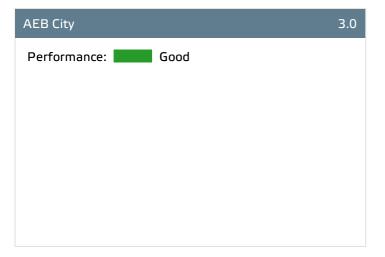
















Total 35.8 Pts / 94%

GOOD ADEQUATE MARGINAL WEAK POOR





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. For the heavier hybrid variant, the driver's head 'bottomed-out' the airbag in the frontal offset test and the score was penalised, with protection rated as adequate. 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.



Total 44.0 Pts / 89%



## Crash Test Performance based on 6 & 10 year old children

23.0 Pts





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

Safety Features 9.0 Pts

	Front Passenger	2nd row outboard	2nd row center
Isofix	×	•	×
i-Size	×	•	×
Integrated CRS	×	×	×

Fitted to test car as standard

O Not on test car but available as option

🗶 Not available



CRS Installation Check 12.0 Pts



### i-Size CRS







## ISOFIX CRS







## Britax Römer KidFix XP (ISOFIX)







Total 44.0 Pts / 89%

#### Universal Belted CRS











#### 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.



Total 44.0 Pts / 89%

	Seat Position			
	Front		2nd row	
	PASSENGER	LEFT	CENTER	RIGHT
Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)	_	•	<del>_</del>	•
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)	_	•	_	•
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



#### 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.





Total 35.4 Pts / 84%

GOOD ADEQUATE MARGINAL WEAK POOR

VRU Impact Protection 30.1 Pts



Head Impact	18.9 Pts
Pelvis Impact	5.2 Pts
Leg Impact	6.0 Pts

AEB Pedestrian 5.3 Pts			
System Name	Eyesight		
Туре	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   PE			
	Autobrake Function		
	Avoidance		
	Avoidance	Mitigation	
Running Adult crossing from Farside	Collision avoided up to 50 km/h	Mitigation Impact mitigated up to 55 km/h	
Running Adult crossing from Farside  Walking Adult crossing from Nearside -25%			
	Collision avoided up to 50 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.

Seatbelt Reminder



3.0 Pts

Applies To	All seats		
Warning	Driver Seat	Front Passenger(s)	Rear Passenger(s)
Visual	•	•	•
Audible	•	•	•

Pass Fail — Not available

Lane Support 2.7 Pts

System Name	EyeSight
Туре	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





Total 8.3 Pts / 68%

AEB Inter-Urban 2.6 Pts

System Name	EyeSight		
Туре	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.		
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	✓	✓
5 door hatchback	2.0 petrol hybrid	e-BOXER	4 x 4	✓	✓

<sup>\*</sup> Tested variant

## **Annual Reviews and Facelifts**

Date	Event	Outcome
November 2017	Rating Published	2017 ★ ★ ★ ★ ★
November 2018	Annual Review	2017 ★ ★ ★ ★ ★
December 2019	Addition of hybrid variant and Annual Review	2017 ★ ★ ★ ★ ★
November 2020	Annual Review	2017 ★ ★ ★ ★ ★
December 2020	Facelift Review	2017 ★ ★ ★ ★ ★
November 2021	Annual Review	2017 ★ ★ ★ ★ ★