



# Subaru Impreza Standard Safety Equipment

2017





## Adult Occupant



94%





Safety Assist

89%

Pedestrian



82%



68%

## **SPECIFICATION**

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

#### General comments

The Subaru Impreza is structurally identical to the Subaru XV but has a slightly lower ride-height, and safety equipment is the same for the two vehicles. Additional tests have been performed where the difference in ride-height might influence the results but, otherwise, this rating is based on tests performed on the XV.



# **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	•	•	×
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 p	ac
Filled to the vehicle as standard	) Fitted to the vehicle as part of the safety p	ac

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





Passenger

Total 35.8 Pts / 94%

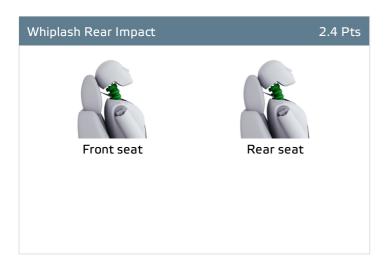
**POOR** 

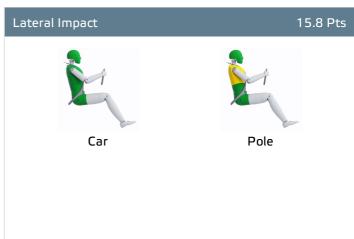


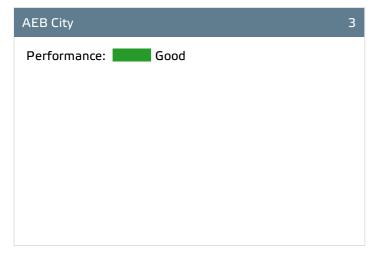
Driver



WEAK











Total 35.8 Pts / 94%

#### Comments

The passenger compartment 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 car 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 rearend 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.

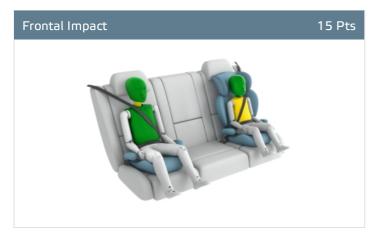


Total 44.0 Pts / 89%



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

23 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

O Not on test car but available as option

🗶 Not available

#### **CRS Installation Check**

12 Pts

Install without problem
Install with care
Safety critical problem
X Installation not allowed

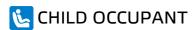
#### i-Size CRS











Total 44.0 Pts / 89%

#### ISOFIX CRS









#### Universal Belted CRS













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 Impreza 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 34.6 Pts / 82%

GOOD ADEQUATE MARGINAL WEAK POOR

Pedestrian Protection 34.6 Pts



Head Impact	19.6 Pts
Pelvis Impact	3.8 Pts
Leg Impact	6 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		
		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 Collision avoided up to 60 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.

Seat Belt Reminder



3 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
Waming	Audible and Visual
PERFORMANCE	
LKA Confirmation Test	Pass (5/5)
LDW Confirmation Test	Pass





Total 8.3 Pts / 68%

AEB Interurban 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/h.		
Approaching a slower moving car	Crash avoided up to 70km/h.	Crash avoided up to 80km/h.		
FO	LLOWING 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 Impreza 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 petrol	1.6i EyeSight	4 x 4	✓	✓
5 door hatchback	1.6 petrol	1.6i-S EyeSight	4 x 4	✓	✓
5 door hatchback	2.0 petrol	2.0i EyeSight	4 x 4	✓	✓

## Annual Reviews and Facelifts

Date	Event	Outcome	
November 2017	Rating Published	2017 ★ ★ ★ ★	✓