

Audi A6 Standard Safety Equipment

2018









93%



Safety Assist

Child Occupant

85%

Vulnerable Road Users



81%



76%

SPECIFICATION

Tested Model	Audi A6 40 TDI Sportline 4x2, LHD
Body Type	- 4 door saloon
Year Of Publication	2018
Kerb Weight	1682kg
VIN From Which Rating Applies	- all A6s of the specification tested
Class	Executive

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	•	•	0
Side pelvis airbag	•	•	0



SAFETY EQUIPMENT (NEXT)

	Driver	Passenger	Rear
CHILD PROTECTION			
Isofix	_	0	•
Integrated CRS		×	×
Airbag cut-off switch		•	_
SAFETY ASSIST			
Seat Belt Reminder	•	•	•

OTHER SYSTEMS	
Active Bonnet (Hood)	•
AEB Pedestrian	•
AEB Cyclist	•
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
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O Not fitted to the test vehicle but available as option or as part of the safety pack X Not available — Not applicable



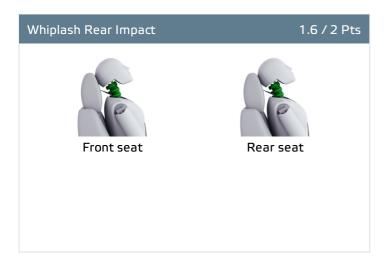


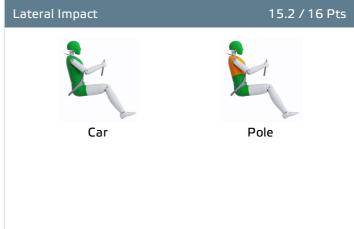
Total 35.5 Pts / 93%















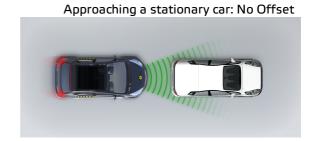
Total 35.5 Pts / 93%



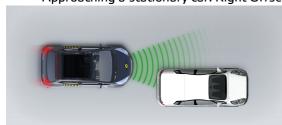
AEB City 3.9 / 4 Pts







Approaching a stationary car: Right Offset







Total 35.5 Pts / 93%

Comments

The passenger compartment of the A6 remained stable in the frontal offset test. Dummy readings showed good protection for the knees and femurs of both the driver and passenger. Audi showed that a similar level of protection would be provided to occupants of different sizes and to those sitting in different positions. In the full-width rigid barrier test, seatbelt pre-tensioners and load-limiters in the front and rear seats ensured adequate protection for the chest. Protection of other critical body areas was good. In the side barrier test, protection of all critical body areas was good. In the more severe side pole impact, protection of the chest was rated as marginal, based on dummy readings of lateral rib compression. Protection of other parts of the body was good. Tests on the front seats and head restraints demonstrated good protection against whiplash injuries in the event of a rear-end collision. A geometric assessment of the rear seats also indicated good whiplash protection. The autonomous emergency braking (AEB) system performed well in tests of its functionality at the low speeds, typical of city driving, at which many whiplash injuries are caused.



Total 41.9 Pts / 85%



Crash Test Performance based on 6 & 10 year old children

22.9 / 24 Pts





Restraint for 6 year old child: *Audi Youngster Plus* Restraint for 10 year old child: *Safety First Manga* **Safety Features**

7 / 13 Pts

	Front Passenger	2nd row outboard	2nd row center
Isofix	0	•	×
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 / 12 Pts

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

i-Size CRS











Total 41.9 Pts / 85%

ISOFIX CRS







Britax Römer KidFix XP (ISOFIX)



Universal Belted CRS







Britax Römer KidFix XP (Belt)





Total 41.9 Pts / 85%

	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)	•	•		•
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)	•	•	•	•

Install without problem

Install with care

Safety critical problem

🗶 Installation not allowed

Comments

In the frontal offset test, protection of all critical body areas was good apart from the neck of the 10-year child, for which dummy readings of neck forces indicated marginal protection. In the side barrier test, protection of all critical parts of the body was good. 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 A6 is designed could be properly installed and accommodated in the car.





Total 38.9 Pts / 81%

GOOD	ADEQUATE	MARGINAL	WEAK	POOR	

Pedestrian Impact Protection Head Impact Pelvis Impact Leg Impact 6 Pts

Pre-Sense Front
Forward Collision Warning
10 km/h
F

Comments

The A6 has a 'pop-up' bonnet, for additional pedestrian protection. Sensors detect when a pedestrian has been hit and actuators lift the bonnet to provide greater clearance to the hard structures in the engine compartment. Audi showed that the system deployed robustly for different pedestrian statures and over a range of speed so the car was tested with the bonnet in the raised position. Good or adequate results were recorded at almost all test locations. The bumper scored maximum points for its protection of pedestrian legs, with good results recorded at all test locations. Protection of the pelvis was mixed. The AEB system can detect vulnerable road users such as pedestrians and cyclists. In tests of this functionality, the system performed well, with collisions avoided or mitigated in almost all tests.



Total 38.9 Pts / 81%

AEB Pedestrian

Day time

Adult crossing the road



Child running from behind parked vehicles



Adult along the roadside

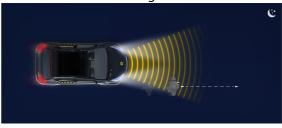


Night time

Adult crossing the road

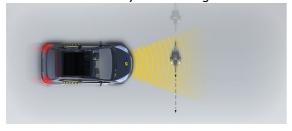


Adult along the roadside



AEB Cyclist

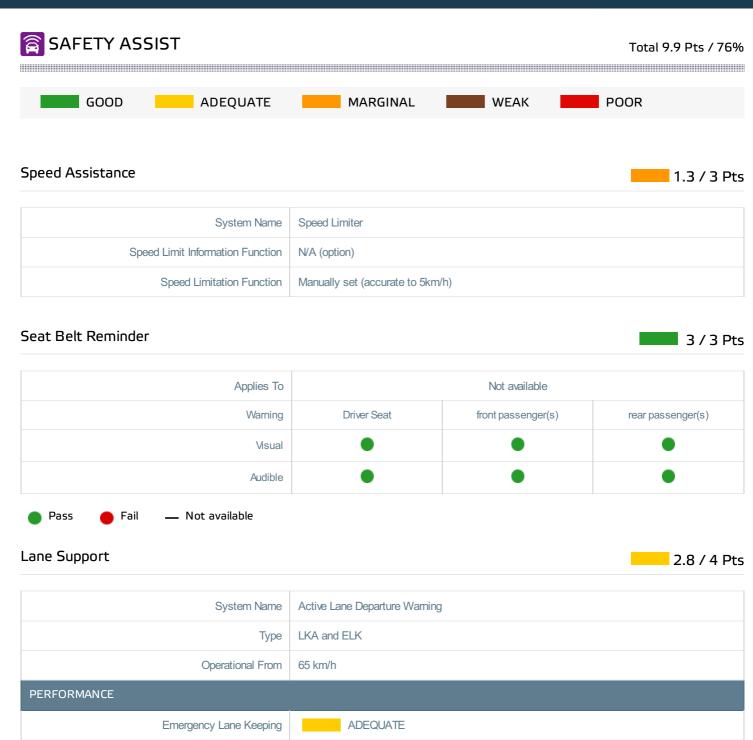
Cyclist crossing



Cyclist along the roadside







GOOD

WEAK

Lane Keep Assist

Human Machine Interface





Total 9.9 Pts / 76%

AEB Interurban

2.9 / 3 Pts

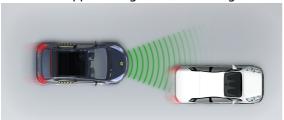
System Name Audi Pre-Sense Front	
Туре	Autonomous Emergency Braking and Forward Collision Warning
Operational From	10 km/h
Additional Information	Supplementary warning and Restraint activation

Comments

The AEB system performed well in tests of its functionality at the highway speeds. The standard-fit speed assistance system consists of a driver-set speed limiter. A more advanced system is available as an option, not included in this assessment, which recognises the local speed limit and presents the information to the driver. A seatbelt reminder is standard for front and rear seats. The lane support system helps the driver to keep the car from drifting out of lane but is also able, in some circumstances, to intervene in emergency situations.

Autobrake function only

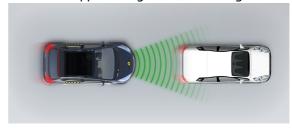
Approaching a slower moving car



Approaching a slower moving car



Approaching a slower moving car



Approaching a braking car

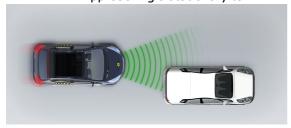




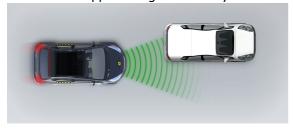
Total 9.9 Pts / 76%

Driver reacts to warning

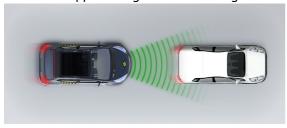
Approaching a stationary car



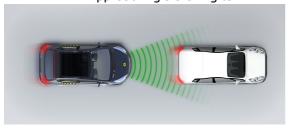
Approaching a stationary car



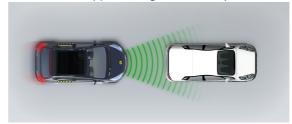
Approaching a slower moving car



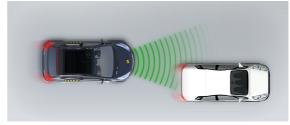
Approaching a braking car



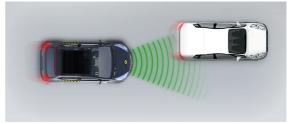
Approaching a stationary car



Approaching a slower moving car



Approaching a slower moving car





RATING VALIDITY

Variants of Model Range

Body Type	Engine	Model Name/Code	Drivetrain	Ratin	g Applies
				LHD	RHD
4 door saloon	2.0 diesel*	A6 40 TDI	4 x 2	✓	~
4 door saloon	2.0 diesel	A6 40 TDI quattro	4 x 4	-	-
4 door saloon	2.0 petrol	A6 45 TFSI	4 x 2	✓	✓
4 door saloon	2.0 petrol	A6 45 TFSI quattro	4 x 4	-	-
4 door saloon	3.0 diesel	A6 50 TDI quattro	4 x 4	-	-
4 door saloon	3.0 petrol	A6 55 TFSI quattro	4 x 4	-	-
5 door estate	2.0 diesel	A6 Avant 40 TDI	4 x 2	✓	✓
5 door estate	2.0 diesel	A6 Avant 40 TDI quattro	4 x 4	-	-
5 door estate	2.0 petrol	A6 Avant 45 TFSI	4 x 2	✓	✓
5 door estate	2.0 petrol	A6 Avant 45 TFSI quattro	4 x 4	-	-
5 door estate	3.0 diesel	A6 Avant 50 TDI quattro	4 x 4	-	-
5 door estate	3.0 petrol	A6 Avant 55 TFSI quattro	4 x 4	-	-
5 door estate	3.0 diesel	A6 Allroad 50 TDI quattro	4 x 4	-	-
5 door estate	3.0 petrol	A6 Allroad 55 TFSI quattro	4 x 4	-	-

Annual Reviews and Facelifts

Date	Event	Outcome	
September 2018	Rating Published	2018 * * * * *	✓

^{*} Tested variant Rating applies Rating does not apply - Additional data needed