

ANCAP Safety Rating

AUDI Q5 (June 2017 - onwards)



Audi Q5

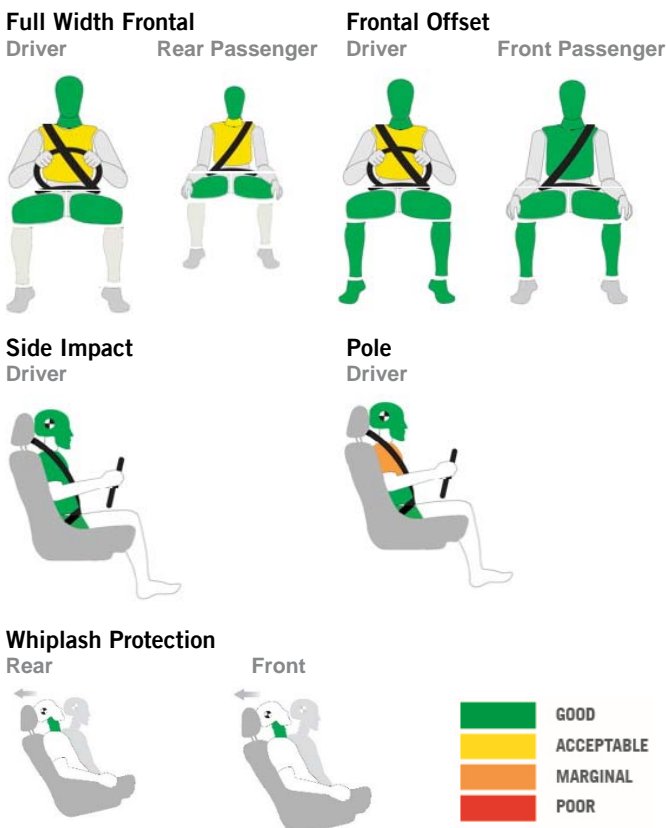
This ANCAP safety rating applies to:

Make / Model	Audi Q5
Year Range	June 2017 - onwards
Variation(s)*	All Q5 and SQ5 variants
Vehicle Type	Medium SUV

The tested model of Audi Q5 was introduced in Australia and New Zealand in June 2017. This ANCAP safety rating applies to all Q5 and SQ5 variants.

Dual frontal airbags are standard. Side chest-protecting and side head-protecting airbags (curtains) are also standard for front and second row outboard positions. Autonomous emergency braking (AEB), blind spot monitoring (BSM) and a manually-set speed limiter are standard. A lane support system (LSS) is not available.

Injury Outcomes.



Test Results Summary.

Airbags	Dual Frontal, Side, Head
Adult Occupant Protection	93% (35.67 out of 38)
- Full Width Frontal Test [#]	7.84 (out of 8)
- Frontal Offset Test [#]	7.74 (out of 8)
- Side Impact Test [#]	8.00 (out of 8)
- Pole Test [#]	6.74 (out of 8)
- Whiplash Protection Test	2.36 (out of 3)
- AEB (City)	2.99 (out of 3)
Child Occupant Protection	86% (42.33 out of 49)
Safety Assist	58% (7.03 out of 12)
- Speed Assistance System	1.50 (out of 3)
- Seat Belt Reminders	3.00 (out of 3)
- Lane Support System	0.00 (out of 3)
- AEB (Interurban)	2.53 (out of 3)
Pedestrian Protection	73% (30.98 out of 42)
ANCAP Safety Rating	★★★★★
Rating Year[^]	2017

[#] Scaled scores. Total test score out of 16.00 points.

Adult Occupant Protection.

Full Width Frontal Test

Each body region is scored out of 4 points

Driver		Rear Passenger	
Head:	4.00 points	Head:	4.00 points
Neck:	4.00 points	Neck:	3.87 points
Chest:	3.96 points	Chest:	3.52 points
Upper legs:	4.00 points	Upper legs:	4.00 points

Driver and rear occupant chest protection was acceptable in this test. Protection to all other body regions was good.

Frontal Offset Test

Each body region is scored out of 4 points

Driver / Front Passenger (lesser of each)	
Head / neck:	4.00 points
Chest:	3.49 points
Upper legs:	4.00 points
Lower legs:	4.00 points

The passenger compartment held its shape well in this test. Pedal and steering wheel displacements were well controlled. Driver and passenger contact with the airbags was stable. Driver chest protection was acceptable. All doors remained closed during the crash. After the crash all doors could be opened with normal effort.

Side Impact Test

Each body region is scored out of 4 points

Side Impact Test		Pole Test	
Head:	4.00 points	Head:	4.00 points
Chest:	4.00 points	Chest:	1.47 points
Abdomen:	4.00 points	Abdomen:	4.00 points
Pelvis:	4.00 points	Pelvis:	4.00 points

Good protection was provided for the driver in the side impact test. In the pole test the driver chest protection was marginal.

Whiplash Protection

Front:	1.61 points
Rear:	0.75 points
AEB (City):	2.99 points

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Safety ★★★★★



Child Occupant Protection.

Crash Test Performance

6 year old child:	12.00 points
10 year old child:	11.33 points

In the frontal offset test, protection of the 6 year dummy was good for all critical body regions. Protection of the neck of the 10 year dummy was marginal but that of other body areas was good. In the side impact test, protection of all critical body areas was good for both dummies, and maximum points were scored.

Child Safety Features & Child Seat Installation

Safety features:	7.00 points
Installation check:	12.00 points

NOTE: The child restraints tested by Euro NCAP are relevant to the European market. For Australasian consumers, this information should be used as a guide to vehicle features only. For more detailed information about Australian child restraints visit childcarseats.com.au.

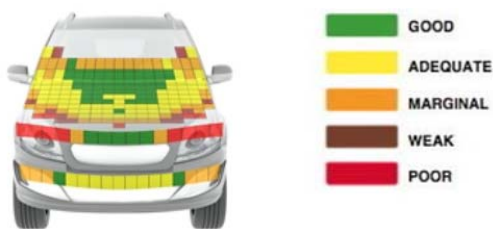
Pedestrian Protection.

Pedestrian Test

Scored out of 42 points

Adult & child head impacts:	17.56 points
Upper leg impacts:	2.58 points
Lower leg impacts:	4.99 points
AEB (vulnerable road user):	5.86 points

This vehicle scored 30.98 out of 42 points. The Q5 has an 'active' bonnet fitted as standard. Good or adequate results were recorded in most areas tested however some marginal areas were recorded on the upper bonnet / windscreen and there were areas of poor protection on the bonnet leading edge. The Q5 is fitted with an AEB system capable of pedestrian detection. In tests of this functionality, the system performed well with impact being avoided in most test scenarios. (Tested by Euro NCAP v8.3)



Score Deductions.

Deductions from full width frontal test scores

Neck:	No deductions
Head:	No deductions
Chest:	No deductions
Upper legs / pelvis:	No deductions
Overall:	No deductions

Deductions from frontal offset test scores

Head / neck:	No deductions
Chest:	No deductions
Upper legs:	No deductions
Lower legs:	No deductions
Overall:	No deductions

Deductions from side impact test score

No deductions

Deductions from pole test score

No deductions

Safety Features & Technologies.

Descriptions of each of these safety features and safety assist technologies (SAT) and detail on fitting requirements for each star rating level can be found at ancap.com.au.

Safety Feature / Safety Assist Technology	Availability
Seat belts (three-point, lap/sash) for all forward-facing seats	S
Seat belt pretensioners (front)	S
Seat belt pretensioners (rear outboard)	S
Intelligent seat belt reminder (driver)	S
Intelligent seat belt reminder (front passenger)	S
Intelligent seat belt reminder (2 nd row seats)	S
Airbag - Frontal (driver)	S
Airbag - Frontal (passenger)	S
Airbag - Side, chest protection (front seats)	S
Airbag - Side, chest protection (2 nd row seats)	S
Airbag - Side, head protection (front seats)	S
Airbag - Side, head protection (2 nd row seats)	S
Airbag - Knee (driver)	X
Airbag - Knee (front passenger)	X
Head restraints for all seats	S
Active bonnet	S
Adaptive cruise control (ACC)	O (S NZ)
Antilock braking system (ABS)	S
Autonomous emergency braking (AEB)	
- City	S
- Interurban	S
- Vulnerable road user	S
Automatic headlights	S
Automatic high beam	V (S NZ)
Attention assist (fatigue detection)	S
Blind spot monitoring (BSM)	S
Electronic brakeforce distribution (EBD)	S
Electronic stability control (ESC)	S
Emergency brake assist (EBA)	S
Exit warning	S
Lane support system (LSS)	X
Daytime running lights (DRL)	S
Hill launch assist	S
Rain sensing windscreen wipers	S
Reversing collision avoidance	S
Speed assistance - automatic / intelligent speed limiting (ISA)	X
Speed assistance - manual speed limiting	S
Speed assistance - speed sign recognition & warning	X
Tyre pressure monitoring system (TPMS)	S

S = Standard on all variants.

O = Optional on base variant. May be standard on higher variants.

V = Not available on base variant but standard or optional on higher variants.

X = Not available on any variant.

E = Available in Europe but not available on any Australasian variant.

These specifications are subject to change. Please check with the manufacturer for the latest specifications.

Safety Assist.

Speed Assistance System (SAS)

Scored 1.5 out of 3 points

Speed information:	0.00
Speed assistance (manual):	1.50
Speed assistance (automatic / intelligent):	0.00

AEB (Interurban)

Scored 2.53 out of 3 points

Autonomous emergency braking (AEB):	1.30 out of 1.5
Forward collision warning (FCW):	0.86 out of 1.0
Human machine interface (HMI):	0.37 out of 0.5

Seat Belt Reminder (SBR)

Scored 3.0 out of 3 points

Driver and passenger:	Pass
Rear:	Pass

Lane Support Systems (LSS)

Scored 0.0 out of 3 points

Not available.

An autonomous emergency braking (AEB) system is standard and tests at highway speeds demonstrated good performance, with impacts being avoided or mitigated over the entire range of test speeds. A driver-set speed limiter is fitted as standard equipment. A lane support system is available as an option in Europe but is not available on Australasian variants.

Approaching a stationary vehicle:

15.81 out of 18.00 points for Forward Collision Warning (FCW)



Approaching a slow moving vehicle:

11.00 out of 11.00 points for Autonomous Emergency Braking (AEB)



Approaching a braking vehicle with short headway:

1.31 out of 2.00 points for AEB, 1.33 out of 2.00 points for FCW



Approaching a braking vehicle with long headway:

1.63 out of 2.00 points for AEB, 1.58 out of 2.00 points for FCW



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Safety ★★★★★



Injury Values & Measurements.

Body Region	Frontal offset test at 64km/h (v7)		Full width frontal test at 50km/h (v1)		Side impact test at 50km/h (v7)	Oblique pole test at 32km/h (v7)
	Driver	Front Passenger	Driver	Rear Passenger	Driver	Driver
Head						
HIC	99.00	101.00	210.00	302.00	43.00	372.60
Acceleration (g for 3ms)	35.60	36.50	49.20	56.20	25.70	60.81
Neck						
Shear (kN)	0.36	0.39	0.54	0.89	-	-
Tension (kN)	1.25	0.81	0.98	1.82	-	-
Extension (Nm)	7.10	11.40	11.50	13.10	-	-
Chest						
Acceleration (g for 3ms)	-	-	-	-	-	-
Compression (mm)	24.57	19.51	18.27	20.89	7.87	41.90
Viscous criterion (m/s)	0.07	0.05	0.09	0.10	0.05	0.36
Abdomen						
Compression (mm)	-	-	-	-	6.48	22.77
Pelvis						
Force (kN)	-	-	-	-	0.42	-
Upper legs						
Femur force left (kN)	0.17	0.15	0.05	0.40	-	-
Femur force right (kN)	0.35	0.21	0.15	0.56	-	-
Knee displacement left (mm)	0.12	0.21	0.07	0.00	-	-
Knee displacement right (mm)	0.00	0.11	0.70	0.00	-	-
Lower legs						
Force left (kN)	1.32	1.45	-	-	-	-
Force right (kN)	1.65	0.96	-	-	-	-
Index (upper / lower) left	0.38 / 0.22	0.26 / 0.13	-	-	-	-
Index (upper / lower) right	0.35 / 0.37	0.28 / 0.13	-	-	-	-
Intrusion Measurements						
Steering column						
Forward (mm)	73	-	-	-	-	-
Downward (mm)	34	-	-	-	-	-
Sideways (mm)	1	-	-	-	-	-
Pedals						
Brake - forward (mm)	1	-	-	-	-	-
Accelerator - downward (mm)	2	-	-	-	-	-
A-Pillar						
Rearward (mm)	1	-	-	-	-	-

* **Model Variants:** ANCAP safety ratings do not automatically extend to variants that have different body styles, engine configurations, driven wheels or occupant restraint systems (e.g. fewer airbags). In these cases, ANCAP considers technical evidence submitted by manufacturers before deciding on extending a rating to additional variants of a model. For further information about the application of ANCAP safety ratings to model variants, see the ANCAP Variant Policy.

^ **Rating Year:** The Rating Year denotes the year requirements against which a vehicle has been assessed. The Rating Year is determined by ANCAP and may be based on the year in which a new vehicle model is first launched into the Australian and/or New Zealand markets; the year in which the vehicle was tested (if tested by Euro NCAP); or, for vehicles which hold an existing ANCAP safety rating, the year in which the rating was updated (or earlier applicable year).

Assessment Details.

Tested Make / Model	Audi Q5
Tested Vehicle(s) Built	2017
Tested Body Type	Wagon
Tested Vehicle Kerb Weight	1805 kg
Tested Vehicle Engine	2.0 litre TDI
Tested By	Euro NCAP
Assessed By	Euro NCAP
Document Reference	Q5_17
Document Created / Revised	31 May 2017
Rating Published	May 2017
Rating Updated	NA



Frontal offset test at 64km/h