

ANCAP Safety Rating

HONDA CIVIC SEDAN (July 2016 – October 2021)



Honda Civic Sedan

This ANCAP safety rating applies to:

Make / Model	Honda Civic Sedan
Year Range	July 2016 – October 2021
Variant(s)*	All variants
Vehicle Type	Small Car

The Honda Civic sedan was introduced in Australia and New Zealand in July 2016. This ANCAP safety rating is based on ANCAP and ASEAN NCAP crash tests and applies to all sedan variants.

Dual frontal, side chest and side head-protecting airbags (curtains) are standard. Autonomous emergency braking (AEB), blind spot monitoring (BSM) and lane support systems (LSS) are available on some variants. A full list of safety features and technologies can be viewed within the *Safety Features & Technologies* table on page 2 of this report.

Injury Outcomes.

Frontal Offset

Driver

Passenger



Side Impact & Pole#

Driver



Whiplash Protection

Driver



GOOD
ACCEPTABLE
MARGINAL
POOR

Head protection only.

Test Results Summary.

Airbags	Dual Frontal, Side, Head
Frontal Offset Test	14.75 (out of 16)
Side Impact Test	14.93 (out of 16)
Pole Test	2.00 (out of 2)
Whiplash Protection	Good
Pedestrian Protection	Good
ESC	Standard
Seat Belt Reminders	3.00 (out of 3)
Overall Score	34.68 (out of 37)
ANCAP Safety Rating	★★★★★
Rating Year^	2017

Occupant Protection.

Frontal Offset Test

Each body region is scored out of 4 points

Head / neck:	4.00 points
Chest:	3.45 points
Upper legs:	4.00 points
Lower legs:	3.30 points

The passenger compartment held its shape well in the frontal offset test. Pedal and steering wheel displacements were well controlled. Driver and passenger contact with the airbags was stable. 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

Head:	4.00 points
Chest:	2.93 points
Abdomen:	4.00 points
Pelvis:	4.00 points

There was a slight risk of serious chest injury for the driver in this test, which was conducted on a vehicle without side chest or side head-protecting airbags (tested by ASEAN NCAP). ANCAP was provided with evidence that the Australasian model with side chest and side head-protecting airbags provides better protection in this crash test. The above scoring reflects the outcomes of the tested model.

Pole Test

Scored out of 2 points

Score:	2.00 points
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The Australasian-sold Honda Civic sedan was eligible for a side pole test because it has side head-protecting airbags. The vehicle scored the maximum 2 points for head protection in this test.

Whiplash Protection Test

Whiplash protection is assessed to the RCAR Protocol

Geometric test:	Good
Dynamic test:	Good
Overall whiplash rating:	Good

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Pedestrian Protection.

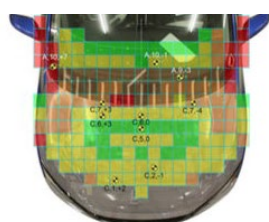
Pedestrian Test

Scored out of 36 points

Adult & child head impacts: 17.47 points
Upper leg impacts: 6.00 points
Lower leg impacts: 6.00 points

This vehicle scored 29.47 out of 36 points (Good). Performance was mixed for head impacts on the bonnet. The windscreen base could be modified for improvement. The bumper and leading edge of the car performed well for all leg impacts. (v8.3)

Child and adult head impact



Adult leg impact (upper and full legforms)



Score Deductions.

Deductions from frontal offset test scores

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

Deductions from side impact test score

Head / neck: No deductions
Chest: -1.07 points (excessive T12 load)
Abdomen: No deductions
Pelvis: No deductions

Deductions from pole test score

Head: 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)	X
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)	X
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
Adaptive cruise control (ACC)	V
Antilock braking system (ABS)	S
Autonomous emergency braking (AEB)	
- City	V
- Interurban	V
- Vulnerable road user	V
Automatic headlights	V
Automatic high beam	X / V*
Blind spot monitoring (BSM)	V
Daytime running lights (DRL)	S
Electronic brakeforce distribution (EBD)	S
Electronic stability control (ESC)	S
Emergency brake assist (EBA)	S
Fatigue reminder	X
Hill launch assist	S
Lane support system (LSS)	V
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.

* = Available on higher variants built from January 2019.

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

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Injury Values & Measurements.

Body Region	Frontal offset test at 64 km/h (v5.1)		Side impact test at 50 km/h (v5.1)
	Driver	Passenger	Driver
Head			
HIC	374.00	514.00	66.00
Acceleration (g for 3ms)	51.40	57.30	42.70
Neck			
Shear (kN)			-
Tension (kN)			-
Extension (Nm)	11.60	10.00	-
Chest			
Acceleration (g for 3ms)	-	-	-
Compression (mm)	25.88	22.34	19.40
Viscous criterion (m/s)	0.11	0.07	0.12
Abdomen			
Force (kN)	-	-	0.98
Pelvis			
Force (kN)	-	-	2.20
Upper legs			
Femur force left (kN)	0.48	0.92	
Femur force right (kN)	0.51	1.96	
Knee displacement left (mm)	0.86	0.83	
Knee displacement right (mm)	0.75	1.83	
Lower legs			
Force left (kN)	2.01	2.47	
Force right (kN)	2.16	3.05	
Index (upper / lower) left	0.53 / 0.53	0.39 / 0.35	
Index (upper / lower) right	0.48 / 0.18	0.42 / 0.21	
Intrusion Measurements			
Steering column			
Forward (mm)	63		
Downward (mm)	6		
Sideways (mm)	1		
Pedals			
Accelerator - rearward (mm)	34		
Accelerator - upward (mm)	19		
A-Pillar			
Rearward (mm)	5		

* **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	Honda Civic EL CVT (ASEAN NCAP test specification) / Honda Civic VTi (ANCAP test specification)
Tested Vehicle(s) Built	2016
Tested Body Type	Sedan
Tested Vehicle Kerb Weight	1260 kg
Tested Vehicle Engine	1.8 litre petrol
Tested By	ASEAN NCAP / ANCAP
Assessed By	ANCAP
Document Reference	CIVIC16
Document Created / Revised	19 April 2017
Rating Published	April 2017
Rating Updated	Annual Review (2020)



Frontal offset test at 64km/h