

ANCAP Safety Rating FORD TRANSIT CUSTOM

(AUSTRALIA: March 2014 – August 2019)
(NEW ZEALAND: March 2016 – August 2019)



Ford Transit Custom

This ANCAP safety rating applies to:

| | |
|--------------|---|
| Make / Model | Ford Transit Custom |
| Year Range | March 2014 – Aug 2019 (Australia) March 2016 – Aug 2019 (NZ) |
| Variant(s)* | All variants |
| Vehicle Type | Van |

The Ford Transit Custom was first released in Australia and New Zealand in early 2014. New Zealand variants were upgraded in May 2018 (MY2018.6) and Australian variants were upgraded in September 2019 (MY2019). This ANCAP safety rating is based on ANCAP tests conducted by Euro NCAP in 2012 and applies to all Ford Transit Custom variants on sale in NZ to April 2018, and on sale in Australia to August 2019. New Zealand Transit (Tourneo) Custom vans built before March 2016 lack side chest and side head-protecting airbags and are unrated.

Dual frontal, side chest and side head-protecting airbags (curtains) for front seats are standard for all variants covered by this rating. An advanced seat belt reminder is fitted to the driver seat. Autonomous emergency braking (AEB) and a lane support system are not available on these variants.

Injury Outcomes.

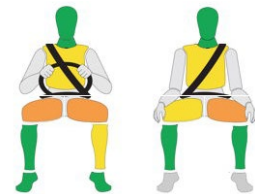
Full Width Frontal

Driver Rear Passenger

[NOT APPLICABLE]

Frontal Offset

Driver Front Passenger



Side Impact

Driver



Pole

Driver



Whiplash Protection

Rear

[NOT APPLICABLE]

Front



Test Results Summary.

| | |
|--|--------------------------|
| Airbags | Dual Frontal, Side, Head |
| Adult Occupant Protection | 84% (30.33 out of 36) |
| - Full Width Frontal Test | [Not applicable] |
| - Frontal Offset Test | 12.82 (out of 16) |
| - Side Impact Test [#] | 8.00 (out of 8) |
| - Pole Test [#] | 7.10 (out of 8) |
| - Whiplash Protection Test | 2.41 (out of 4) |
| - AEB (City) | [Not applicable] |
| Child Occupant Protection | 90% (44.00 out of 49) |
| Safety Assist | 71% (5.00 out of 7) |
| - Speed Assistance System | 1.00 (out of 1) |
| - ESC | 3.00 (out of 3) |
| - Seat Belt Reminders | 1.00 (out of 3) |
| - Lane Support System | [Not applicable] |
| - AEB (Interurban) | [Not applicable] |
| Pedestrian Protection | 48% (14.27 out of 30) |
| ANCAP Safety Rating[~] | ★★★★★ |
| Rating Year[^] | 2012 |

[~]Rated to Euro NCAP Heavy Vehicle Test and Assessment Protocol.
[#] Scaled scores. Total test score out of 16.00 points.

Adult Occupant Protection.

Full Width Frontal Test

[Not applicable]

Frontal Offset Test

Each body region is scored out of 4 points

Driver

| | |
|--------------|-------------|
| Head / neck: | 4.00 points |
| Chest: | 3.13 points |
| Upper legs: | 2.00 points |
| Lower legs: | 3.69 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. Steering column and instrument panel components were a possible source of injury to knees and femurs of driver and passenger, and points were deducted.

Side Impact Test

Each body region is scored out of 4 points

| | | | |
|----------|-------------|----------|-------------|
| Head: | 4.00 points | Head: | 4.00 points |
| Chest: | 4.00 points | Chest: | 2.86 points |
| Abdomen: | 4.00 points | Abdomen: | 3.33 points |
| Pelvis: | 4.00 points | Pelvis: | 4.00 points |

The Ford Transit Custom scored maximum points in the side impact test, with good protection for all body regions.

In the pole test, protection of the chest and abdomen was adequate and that of the head and pelvis was good.

Whiplash Protection

| | |
|-----------------|------------------|
| Front geometry: | 2.41 points |
| Rear: | [Not applicable] |
| AEB (City): | [Not applicable] |

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Child Occupant Protection.

Crash Test Performance

18 month old child: 12.00 points
3 year old child: 12.00 points

Child Safety Features & Child Seat Installation

Safety features: 8.00 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 30 points

Adult & child head impacts: 11.99 points
Upper leg impacts: [Not applicable]
Lower leg impacts: 2.28 points

This vehicle scored 14.27 out of 30 points (Marginal). The bumper provided mixed protection to pedestrians' legs with good protection in some areas and poor or marginal protection in others. Similarly, in those areas likely to be struck by the head of a child or that of an adult, protection was mostly poor or marginal but was good in some areas. Assessment of the front edge of the bonnet was not appropriate owing to the shape and height of the vehicle.

(Tested by Euro NCAP v7 Heavy Vehicles)



Score Deductions.

Deductions from full width frontal test scores
[Not applicable]

Deductions from frontal offset test scores

Head / neck: No deductions
Chest: No deductions
Upper legs: -2 points (left & right knee hazard for driver)
-2 points (left knee hazard for passenger)
-1 point (right knee hazard for passenger)+
Lower legs: No deductions

+ Maximum deduction is 2 points from a body region, except foot.

Deductions from side impact test score

Chest: 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 | MY14 |
|---|------|
| 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) | X |
| Intelligent seat belt reminder (2 nd row seats) | X |
| 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) | X |
| Airbag - Knee (driver) | X |
| Airbag - Knee (front passenger) | X |
| Head restraints for all seats | S |
| Adaptive cruise control (ACC) | X |
| Antilock braking system (ABS) | S |
| Autonomous emergency braking (AEB) | |
| - City | X |
| - Interurban | X |
| - Vulnerable road user | X |
| Automatic headlights | X |
| Automatic high beam | X |
| Blind spot monitoring (BSM) | X |
| Electronic brakeforce distribution (EBD) | S |
| Electronic stability control (ESC) | S |
| Emergency brake assist (EBA) | S |
| Emergency stop signal (ESS) | S |
| Lane support system (LSS) | X |
| Daytime running lights (DRL) | X |
| Hill launch assist | S |
| Reversing collision avoidance | O |
| Rollover stability control | S |
| Speed assistance - automatic/intelligent speed limiting (ISA) | X |
| Speed assistance - manual speed limiting | S |
| Speed assistance - speed sign recognition & warning | X |
| Trailer stability control | S |
| Tyre pressure monitoring system (TPMS) | X |

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.

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

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ANCAP

Safety ★★★★★



Injury Values & Measurements.

| Body Region | Frontal offset test at 56km/h (Heavy Vehicle Protocol v1.2) | | Full width frontal test at 50km/h | | Side impact test at 50km/h (v5) | Pole test at 29km/h (v5) |
|-------------------------------|---|-----------------|--------------------------------------|----------------|---------------------------------------|--------------------------------|
| | Driver | Front Passenger | Driver | Rear Passenger | Driver | Driver |
| Head | | | | | | |
| HIC | 182.00 | 208.00 | | | 20.00 | 368.00 |
| Acceleration (g for 3ms) | 36.40 | 37.10 | | | 16.80 | 56.46 |
| Neck | | | | | | |
| Shear (kN) | | | | | - | - |
| Tension (kN) | | | | | - | - |
| Extension (Nm) | 11.80 | 5.10 | | | - | - |
| Chest | | | | | | |
| Acceleration (g for 3ms) | - | - | - | - | - | - |
| Compression (mm) | 28.07 | 22.48 | | | 3.62 | 27.68 |
| Viscous criterion (m/s) | 0.07 | 0.07 | | | 0.01 | 0.30 |
| Abdomen | | | | | | |
| Force (kN) | - | - | - | - | 0.17 | 1.25 |
| Pelvis | | | | | | |
| Force (kN) | - | - | - | - | 0.94 | 2.58 |
| Upper legs | | | | | | |
| Femur force left (kN) | 0.02 | 1.30 | | | | |
| Femur force right (kN) | 0.09 | 0.70 | | | | |
| Knee displacement left (mm) | 0.00 | 2.00 | | | | |
| Knee displacement right (mm) | 0.40 | 5.10 | | | | |
| Lower legs | | | | | | |
| Force left (kN) | 2.27 | 1.05 | - | - | | |
| Force right (kN) | 0.95 | 0.73 | - | - | | |
| Index (upper / lower) left | 0.47 / 0.31 | 0.25 / 0.16 | - | - | | |
| Index (upper / lower) right | 0.29 / 0.18 | 0.36 / 0.20 | - | - | | |
| Intrusion Measurements | | | | | | |
| Steering column | | | | | | |
| Forward (mm) | 28 | - | | | | |
| Upward (mm) | 36 | - | | | | |
| Sideways (mm) | 1 | - | | | | |
| Pedals | | | | | | |
| Brake - rearward (mm) | 48 | - | - | - | | |
| Accelerator - upward (mm) | 64 | - | - | - | | |
| A-Pillar | | | | | | |
| Rearward (mm) | 49 | - | | | | |

* **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 | Ford Transit Custom 'Trend' Kombi |
| Tested Vehicle(s) Built | 2012 |
| Tested Body Type | Van |
| Tested Vehicle Kerb Weight | 2090 kg |
| Tested Vehicle Engine | 2.2 litre diesel |
| Tested By | Euro NCAP |
| Assessed By | Euro NCAP |
| Document Reference | TRANSIT14 |
| Document Created / Revised | 9 May 2016 |
| Rating Published | May 2016 |
| Rating Updated | December 2020 |



Frontal offset test at 56km/h