

ANCAP Safety Rating

FORD TOURNEO CUSTOM

(March 2014 - onwards)



Ford Tourneo Custom

This ANCAP safety rating applies to:

Make / Model	Ford Tourneo Custom
Year Range	March 2014 – onwards
Variant(s)*	All variants
Vehicle Type	People Mover

The Ford Tourneo Custom was introduced in New Zealand in early 2014. The ANCAP safety rating for the Tourneo Custom is based on crash tests of the Ford Transit Custom. ANCAP was provided with technical information which showed that the crash test results of the Transit Custom apply to Tourneo Custom variants.

Dual frontal, side chest and side head-protecting airbags (curtains) for front seats are standard. An advanced seat belt reminder is fitted to the driver seat.

Injury Outcomes.

Full Width Frontal
Driver Rear Passenger **Frontal Offset**
Driver Front Passenger

[NOT APPLICABLE]



Side Impact
Driver

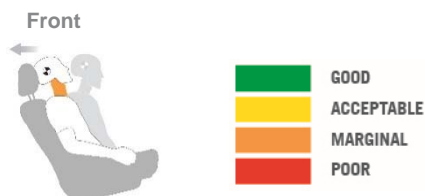


Pole
Driver



Whiplash Protection
Rear

[NOT APPLICABLE]



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 test vehicle 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	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)	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	S
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)	S
Hill launch assist	S
Reversing collision avoidance	X
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.

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

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 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	TOURNEO14
Document Created / Revised	9 May 2016
Rating Published	May 2016
Rating Updated	n/a



Frontal offset test at 56km/h (Ford Transit Custom)