

ANCAP Safety Rating

FORD FALCON UTE (From November 2014)



ANCAP

Safety ★★★★★



Test Vehicle(s).

Test Variant:	Ford Falcon Ute Styleside Box
Kerb Mass:	1730 kg
Built:	2008 & 2010
Engine:	4.0 litre
Category:	Utility / Van
Variant Applicability:	All variants



Frontal offset test at 64km/h

Airbags	ESC	Frontal Offset	Side Impact	Pole	Whiplash	Pedestrian	Seat Belt Reminders	Overall Score	ANCAP Safety Rating
Frontal + Side + Head	Standard	14.62 (out of 16)	15.96 (out of 16)	2 (out of 2)	GOOD	MARGINAL	2 (out of 3)	34.58 (out of 37)	★★★★★

The Ford Falcon FG X Ute was introduced in Australia and New Zealand in late 2014. This ANCAP safety rating is based on ANCAP tests conducted in 2008 and 2010 and technical information provided by Ford. It applies to all variants, including all engines and all fuels.

Dual frontal, side chest and side head airbags (curtains) are standard. Antilock brakes (ABS), electronic brake distribution (EBD) and electronic stability control (ESC) are also standard. Advanced seat belt reminders are fitted to both front seats.

In the frontal offset crash test, driver chest protection was acceptable. Passenger chest and leg protection was acceptable. In the side impact test, driver chest protection was acceptable. Head protection in the side pole test was good.

OCCUPANT PROTECTION

Frontal Offset Test.

Each body region is scored out of 4 points

Head / neck:	4.00 points
Chest:	2.75 points
Upper legs:	4.00 points
Lower legs:	3.87 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. There were no knee hazards with the tunnel-mounted transmission control. For variants where the transmission control is mounted on the steering column, due to knee hazards, a 2 point deduction applies however that variant retains a 5 star rating (frontal offset score 12.62, overall score 32.58).

Side Impact Test.

Each body region is scored out of 4 points

Head:	4.00 points
Chest:	3.96 points
Abdomen:	4.00 points
Pelvis:	4.00 points

Mostly good protection was provided for the driver in the side impact test. Chest protection was acceptable.

Pole Test.

Scored out of 2 points

The vehicle was eligible for a side pole test because it has side curtain 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

Injury Outcomes.

Frontal Offset
Driver



Passenger



Side Impact & Pole
Driver



Whiplash



ANCAP Safety Rating FORD FALCON UTE (From November 2014)



PEDESTRIAN PROTECTION

Pedestrian Test.

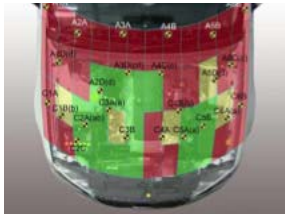
MARGINAL - Scored 10.95 out of 36 points

The following are based on ANCAP's tests of the Falcon sedan:

Child head impacts:	7.25 points
Adult head impacts:	2.10 points
Upper leg impacts:	0.00 points
Lower leg impacts:	1.60 points

The bonnet had some good results for head protection but most tested points were poor. The bonnet leading edge was poor. The bumper provided a mixture of acceptable and poor protection. (v4.1)

Child and adult head impact



Adult leg impact (upper and full legforms)



Ford Falcon FG X Ute

SAFETY FEATURES

These specifications are subject to change. Please check with manufacturer for the latest specifications. For a description of these safety features and safety rating requirements see the ANCAP Rating Road Map.

Safety Assist Technology (SAT)	Availability
Front airbag - driver	S
Front airbag - passenger	S
Side airbags (chest protection) - front seats	S
Side airbags (head protection) - front seats	S
Side airbags (head protection) - 2nd row seats	N/A
Knee airbag - driver	X
Three-point seat belts for all forward facing seats	S
Seat belt pretensioners (front)	S
Intelligent seat belt reminder - driver	S
Intelligent seat belt reminder - front passenger	S
Intelligent seat belt reminder - 2nd row seats	N/A
Head restraints for all seats	S
Antilock brakes (ABS)	S
Electronic brake distribution (EBD)	S
Emergency brake assist (EBA)	S
Electronic stability control (ESC)	S
Adaptive cruise control (ACC)	X
Autonomous emergency braking (AEB)	X
Lane support system	X
Automatic emergency call (eCall)*	S
Emergency stop signal (ESS)	S
Automatic headlights	S
Daytime running lights	V
Fatigue reminder	S
Manual speed alarm	S

* Australia only.

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.
 N/A = Not applicable.



INJURY MEASUREMENTS

Body Region	Frontal offset test at 64 km/h (v4.1)		Side impact test at 50 km/h (v4.2)
	Driver	Passenger	Driver
Head			
HIC	219.00	292.00	198.00
Acceleration (g for 3ms)	37.80	45.70	62.40
Neck			
Shear (kN)	0.39	0.35	-
Tension (kN)	1.55	1.11	-
Extension (Nm)	22.40	14.80	-
Chest			
Acceleration (g for 3ms)	-	-	-
Compression (mm)	30.72	22.80	22.20
Viscous criterion (m/s)	0.16	0.10	0.27
Abdomen			
Force (kN)	-	-	0.94
Pelvis			
Force (kN)	-	-	1.93
Upper legs			
Femur force left (kN)	0.97	0.28	
Femur force right (kN)	0.17	1.83	
Knee displacement left (mm)	0.47	0.22	
Knee displacement right (mm)	0.04	1.87	
Lower legs			
Force left (kN)	1.92	1.45	
Force right (kN)	1.64	1.42	
Index (upper / lower) left	0.39 / 0.32	0.34 / 0.16	
Index (upper / lower) right	0.31 / 0.37	0.30 / 0.43	

INTRUSION MEASUREMENTS

Steering Column

Forwards:	30mm
Upwards:	15mm
Sideways:	5mm

Pedals

Accelerator (rearwards):	60mm
Brake (downwards):	2mm

A-Pillar (forwards):	0mm
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Note: Steering column and pedal movements are measured relative to the driver's seat.

SCORE DEDUCTIONS

Deductions from frontal offset test scores

2 point deduction for left leg where the transmission control is mounted on the steering column.

Deductions from side impact test score

No deductions for side impact test.

Deductions from pole test score

No deductions for pole test.

* For information about the application of ANCAP ratings to model variants see the ANCAP Variant Policy. In brief, 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.

^ Refer ANCAP Rating Road Map (www.ancap.com.au/media).

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Crash testing for safety

AUSTRALASIAN
 NEW CAR ASSESSMENT
 PROGRAM