

Crash Tests

New Car Safety

FORD TERRITORY TS

2006 on Dual front+side curtain airbags

Occupant Protection



Occupant Protection Score 31.57 out of 37

Variant: TS All-wheel-drive Eng: 4L, automatic

Kerb weight: 2080 kg Category: 4WD - COMPACT

Vehicles built: Feb 06 and Aug 05 (pole test)

Model History and Safety Features

These results apply to all-wheel-drive Ford Territories manufactured from January 2006. Similar results could be expected for the rear-wheel-drive version of the Territory.

Dual front airbags and ABS/EBD brakes are standard on all variants. Head-protecting side curtains are standard equipment on the TS and Ghia variants and optional on the TX variant. Electronic stability control is standard on all-wheel-drive variants and the Ghia RWD. It is an option for the others. An advanced seat belt reminder is fitted to the driver's seat. The front seatbelt buckles are mounted on the seats and the upper anchorages are adjustable. These features improve the fit of the seatbelts. Pretensioners are fitted to the seatbelts to reduce slack in the event of a crash. These seatbelts also have load limiters to reduce chest injury. A three point belt is fitted to the centre rear seat and provides better protection than a two point belt. Both driver and front passenger airbags are dual stage to give better protection in different crashes.

OCCUPANT PROTECTION: 4 Stars

The Territory scored 12.57 out of 16 in the offset crash test. The passenger compartment held its shape well. There was a moderate risk of serious chest injury for the driver and passenger. Each had a slight risk of lower leg injury.

The vehicle was awarded a default score of 16 out of 16 in the side impact crash test and a further two points in the optional pole test.

The tested vehicle just missed out on the 32.5 points needed for a 5 star rating. The TX variant without curtains would have scored 29.57 points - also a good 4 star result.

FRONTAL OFFSET CRASH TEST

Body region scores out of 4 points each: Head/neck 4 pts, chest 1.14 pts, upper legs 4 pts, lower legs 3.422 pts.

The passenger compartment held its shape well in the offset crash test. The accelerator pedal moved rearwards by 57 mm and upwards 12 mm. By design, the brake pedal hinge separated during the crash, allowing the brake pedal to swing freely. This reduces the risk of lower leg injury. The feet were protected from footwell deformation by a laminated insert under the carpet. The steering wheel hub moved forwards 61mm, upwards 23 mm and sideways 7 mm. The front ("A") pillar moved 8 mm rearwards. All doors remained closed during the crash. After the crash all doors could be opened with normal effort.

The airbag cushioned the head of the driver and contact was stable. There were no deductions for knee hazards. The passenger's head was also cushioned by an airbag.

SIDE IMPACT CRASH TEST

Default 16 points awarded for side impact test.



Offset test at 64km/h

The side impact test normally used by ANCAP simulates a small car striking the driver's door of the vehicle under test. It is based on a regulation test but the regulation does not apply to vehicles with a high seat height like the Territory. Experience shows that such vehicles can be expected to perform well in this test so ANCAP has decided to award full score for these vehicles instead of conducting a crash test.

ANCAP conducted a pole test of a Territory with head-protecting side curtains and the vehicle earned the maximum two points.

INJURY MEASUREMENTS

Refer to the information sheet "How the test are done"	Offset Crash Test at 64km/h (v4.1)		Side Impact Crash Test at 50km/h (v4.1)
	Driver	Passn	Driver
Head HIC	413	288	Default score awarded
Acceleration (g for 3ms)	53.2	42	
Neck - Shear (kN)	0.46	0.89	
Tension (kN)	1.35	1.57	
Extension (Nm)	36.5	25.5	
Chest Accln (g for 3ms)	50.5	39.7	
Compression (mm)	42.00	35.50	
Viscous criterion (m/s)	0.24	0.22	
Abdomen - Force (kN)	-	-	
Pelvis - Force (kN)	-	-	
Upper legs Force Left (kN)	0.66	0.83	
Right	0.17	1.32	
Knee displ (mm) Left	0.11	2.25	
Right	0.10	3.70	
Lower legs Force Left (kN)	1.83	2.04	
Right	2.23	1.65	
Index (Upper/Low) Left	0.51 / 0.18	0.31 / 0.30	
Right	0.43 / 0.53	0.34 / 0.28	

Bonus points (maximum 5)

Pole Test: 2 pts Seat belt reminders: 1

Modifiers - offset test scores

Head	No deduction
Chest	No deduction
Upper leg Variable & conc. loading	No deduction
Lower leg	No deduction
Foot score	Score 4 points

PEDESTRIAN PROTECTION RATING (v4.1)

Not tested



ANCAP
Crash testing for safety
AUSTRALASIAN
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PROGRAM

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