

Crash Tests

New Car Safety

Ford Focus

07/2007 on 07/2011 - Frontal+Side+Head

Overall Evaluation



Overall Score

Variant: 5 Dr Hatch

33.46 out of 37

Engine: 1.6 litre

Category: Small Car

Vehicles tested after 1 January 2008 will require Electronic Stability Control in order to achieve a 5 star rating. This vehicle was tested prior to this date and may or may not meet this new requirement.

The left-hand-drive European model with side curtains was tested by Euro NCAP. Australasian specifications may vary and therefore models sold in Australasia might provide different levels of protection to those described on this page. Australasian models have 2 or 2.5 litre engines.

Model History and Safety Features

The Ford Focus was introduced in Australia and New Zealand during 2005. Side curtains, as fitted to the tested vehicle, became standard in New Zealand early in 2007. Curtains are standard on the Australian XR5 variant and became optional on all other Australian variants from mid-2007.

Dual front airbags and antilock brakes (ABS) with electronic brake distribution (EBD) are standard equipment. Electronic stability control is standard or optional on all Australian variants but is only available on the Zetec variant in New Zealand.

The front seat belt buckles are mounted on the seats and the upper anchorages are adjustable. These features improve the fit of the seat belt. Pre-tensioners are fitted to the front seat belts to reduce slack in the event of a crash. These seat belts also have load limiters. A three point seat belt is fitted to the centre rear seat. This provides better protection than a two point (lap) seat belt.

Overall Evaluation: 5

The Ford Focus scored 15.66 out of 16 in the offset crash test. The passenger compartment held its shape well. There was a slight risk of serious chest injury for the driver.

The vehicle scored 15.80 out of 16 in the side impact crash test and a further two points in the optional pole test.

Frontal Offset Crash Test

Body region scores out of 4 points each: Head/neck 4 pts, chest 3.66 pts, upper legs 4 pts, lower legs 4 pts.

The passenger compartment held its shape well in the offset crash test. The accelerator pedal moved rearwards by 51 mm. The brake pedal moved downwards 16mm. The steering wheel hub moved forwards 62mm, downwards 39mm and sideways 4mm. The front ("A") pillar moved 15mm rearwards. All doors remained closed during the crash and could be opened with normal effort after the crash.

The airbag cushioned the head of the driver and contact was stable. There were no knee hazards.

Side Impact Crash Test

Body region scores out of 4 points each: Head 4 pts, chest 3.80 pts, abdomen 4 pts, pelvis 4 pts.

The vehicle was eligible for an optional pole impact test, since it had head-protecting side airbags and scored four points for the head in the side impact test. The manufacturer decided to go ahead with the pole test and the vehicle earned a further two points.

Pedestrian rating (v4.1)



Child head impacts	9.41
Adult head impacts	4
Upper leg impacts	2
Lower leg impacts	Zero
Total (out of 36)	15.41

Offset crash test at 64km/hr



Injury Measurements

Refer to the information sheet 'How the tests are done'	Offset Crash Test at 64km/h (v4.1)		Side Impact Crash Test at 50km/h (v4.1)
	Driver	Passn	Driver
Head			
- HIC	280	158	65
- Acceleration (g for 3ms)	39.9	31.3	27.9
Neck			
- Shear (kN)	0.61	0.43	
- Tension (kN)	1.23	0.68	
- Extension (Nm)	14	13.3	
Chest			
- Acceleration (g for 3ms)			
- Compression (mm)	24.38	19.83	23.01
- Viscous Criterion (m/s)	0.07	0.04	0.18
Abdomen			
- Force (kN)			0.82
Pelvis			
- Force (kN)			1.95
Upper Legs Force (kN)			
- Left	0.14	1.96	
- Right	0.14	0.36	
Knee Displacement (kN)			
- Left	0	1.52	
- Right	0	0	
Lower Legs Force (kN)			
- Left	1.35	1.62	
- Right	1.49	1.58	
Index (Upper Lower)			
- Left	0.35 0.27	0.19 0.14	
- Right	0.38 0.2	0.24 0.2	

Bonus points (maximum 5)

Pole Test: 2 points

Seat Belt Reminders: Not eligible - zero points

Modifiers for offset test scores

Head	No deduction
Chest	No deduction
Upper leg	Variable & Conc. loading
Lower leg	No deduction
Foot score	No deduction
Structure	4 points

Modifiers for side impact test scores

Head	
Chest	No deduction
Upper leg	
Lower leg	
Foot score	
Structure	



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