Crash Tests

New Car Safety

Ford Fiesta

07/2004 on 06/2008 - Dual Frontal

Overall Evaluation

Overall Score **24.84 out of 37**
Variant: 3 Dr Hatch
Engine: 1.4 Litre
Category: Small Car

The 1.4 litre European model was tested by EuroNCAP. Australasian specifications may vary and therefore models sold in Australasia might provide different levels of protection to those described on this page. The Fiesta has a 1.6 litre engine in Australia. The external dimensions of the 1.4 litre and 1.6 litre engines are identical.

Model History and Safety Features

The Ford Fiesta was introduced in Australia during 2004.

Dual front airbags are standard equipment. Side airbags, head-protecting side curtains and ABS brakes are available on some variants.

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. A three point seat belt is fitted to the centre rear seat. This provides better protection than a two point seat belt.

Overall Evaluation: 4

4 Stars. The Ford Fiesta scored 10.98 out of 16 in the offset crash test. The passenger compartment held its shape well. Protection from serious chest and leg injury was marginal for the driver.

The vehicle scored 13.86 out of 16 in the side impact crash test. There was a moderate risk of serious chest injury for the driver.

Frontal Offset Crash Test

Body region scores out of 4 points each: Head/neck 4pts, chest 1.93pts, upper legs 2pts, lower legs 3.05pts.

The passenger compartment held it shape well. The brake pedal moved rearwards by 98mm and the clutch moved upwards 9mm. The steering wheel hub moved rearwards 44mm and upwards 31mm. The front ("A") pillar moved 15mm rearwards. The width of the driver's doorway shortened by 19mm. All doors remained closed during the crash. After the crash high manual effort was required to open the driver's door.

The airbag cushioned the head of the driver and contact was stable. Steering column components were a potential source of injury for the driver's knees. The passenger's head was cushioned by the airbag.

Side Impact Crash Test

Body region scores out of 4 points each: Head 4pts, chest 2.51pts, abdomen 3.39pts, pelvis 3.96pts.

The vehicle was not eligible for a Pole Impact Test since it did not have head-protecting side airbags. This test can earn eligible vehicles an extra two points.

Pedestrian rating (v4)

13.58 points out of 36.
Child head impacts 3.77pts;
Adult head impacts 5.8pts;
Upper leg 4pts and lower leg impacts zero pts.

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)		Side Impact Crash Test aa 50km/h (v4)
	Driver	Passn	Driver
Head			
- HIC	372.9	247.8	101.5
- Acceleration (g for 3ms)	47.3	42.2	37.8
Neck			
- Shear (kN)	0.35	0.47	
- Tension (kN)	2	1.16	
- Extension (Nm)	19.33	16.89	
Chest			
- Acceleration (g for 3ms)			
- Compression (mm)	36.12	36.474	29.46
- Viscous Criterion (m/s)	0.17	0.16	0.26
Abdomen			
- Force (kN)			1.23
Pelvis			
- Force (kN)			3.03
Upper Legs Force (kN)			
- Left	0.02	0.47	
- Right	0.1	1.72	
Knee Displacement (kN)			
- Left	0.01	0.04	
- Right	0.02	4.51	
Lower Legs Force (kN)			
- Left	3.423	1.99	
- Right	1.7	2.1	
Index (Upper | Lower)			
- Left	0.59 | 0.26	0.38 | 0.13	
- Right	0.39 | 0.39	0.29 | 0.28	

Bonus points (maximum 5)
Pole Test: Zero points
Seat Belt Reminders: None fitted - zero points

Modifiers for offset test scores

Head		No deduction
Chest		No deduction
Upper leg	Variable & conc. loading	2 point deduction L & R
Lower leg		No deduction
Foot score		Score 4 points
Structure		No deduction

Modifiers for side impact test scores

Head	Not assessed
Chest	Not assessed
Upper leg	Not assessed
Lower leg	Not assessed
Foot score	Not assessed
Structure	Not assessed

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New Car Assessment Program
PO Box 1555
Canberra ACT Australia 2601