

Crash Tests

New Car Safety

Mitsubishi Triton

08/2002 on 11/2005 - None

Overall Evaluation



Overall Score

13.98 out of 37

Variant: 4x2 GLX Single Cab/Chassis

Engine: 2.4 Litre Petrol
Category: Utility

High risk of life-threatening head injury

Model History and Safety Features

The tested model of Mitsubishi Triton 4x2 was introduced in Australia during 2002 and ceased production in late 2005.

Dual front airbags and ABS/EBD brakes are optional on the GLX variant and standard on some variants. The tested vehicle did not have airbags.

Overall Evaluation: 2

The Triton 4x2 scored 3.8 out of 16 in the offset crash test. The passenger compartment was moderately deformed. Protection from serious head injury was poor for the driver. Chest protection was marginal and leg/foot protection was poor.

The vehicle scored 10.18 out of 16 in the side impact crash test. There was a high risk of serious chest injury for the driver and head protection was marginal.

Frontal Offset Crash Test

Body region scores out of 4 points each: Head/neck zero pts, chest 1.8 pts, upper legs 2 pts, lower legs zero pts.

The passenger compartment was moderately deformed in the offset crash test. The brake pedal moved rearwards by 218 mm and upwards 120 mm. The footwell ruptured. The steering wheel hub moved rearwards 73 mm, upwards 112 mm and sideways 19 mm. The front ("A") pillar moved 74 mm rearwards. All doors remained closed during the crash. After the crash tools were required to open the driver's door.

Steering column components were a potential source of injury for the driver's knees. The hand brake control was a concern for leg injury, although it was outside the zone assessed for knee hazards.

Side Impact Crash Test

Body region scores out of 4 points each: Head 4pts, chest zero pts, abdomen 2.05pts, pelvis 3.71pts.

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 (v4.1)

(0 stars)

A pedestrian test was not conducted on the Mitsubishi Triton 4x2

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 aa 50km/h (v4.1) Driver
	Driver	Passn	
Head			
- HIC	757	311	324
- Acceleration (g for 3ms)	96.6	41.5	78.4
Neck			
- Shear (kN)	0.83	0.88	
- Tension (kN)	2.29	1.61	
- Extension (Nm)	9.7	14.5	
Chest			
- Acceleration (g for 3ms)	34.5	27.8	
- Compression (mm)	37.4	32.9	33.53
- Viscous Criterion (m/s)	0.15	0.11	0.37
Abdomen			
- Force (kN)			1.08
Pelvis			
- Force (kN)			2.18
Upper Legs Force (kN)			
- Left	2.41	0.35	
- Right	2.36	2.88	
Knee Displacement (kN)			
- Left	4.75	0.66	
- Right	1.76	4.45	
Lower Legs Force (kN)			
- Left	7.43	2	
- Right	3.65	1.77	
Index (Upper Lower)			
- Left	1.07 0.91	0.25 0.1	
- Right	0.7 0.63	0.28 0.17	

Bonus points (maximum 5)

Pole Test: Zero points

Seat Belt Reminders: None fitted - zero points

Modifiers for offset test scores

Head	Steering column movement	1 pt deduction
Chest		No deduction
Upper leg	Variable & concentrated loading	2 pt deduction L&R
Lower leg		No deduction
Foot score	Pedal rearward movement	Score zero points
Structure	Footwell rupture	2 pt deduction

Modifiers for side impact test scores

Head		No deduction
Chest	T12 modifier	2 pt deduction
Upper leg		No deduction
Lower leg		No deduction
Foot score		No deduction
Structure		No deduction



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