Crash Tests

New Car Safety

MITSUBISHI TRITON 4x2

2002 to end 2005

No airbags

Occupant Protection



Occupant Protection Score

13.98* out of 37

* High risk of life-threatening head injury Variant: GLX 4x2 SINGLE CAB /CHASSIS

Engine: 2.4 petrol, 5 speed manual

Kerb weight: 1340 kg Category: UTILITY

Vehicles built: 7/05

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.

OCCUPANT PROTECTION: 2 Stars*

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.



Offset crash test at 64km/h

INJURY MEASUREMENTS

Refer to the informa sheet "How the test done"		Offset Crash Test at 64km/h (v4.1)		Side Impact Crash Test at 50km/h (v4.1)
		Driver	Passn	Driver
Head HIC		757	311	324
Acceleration (g for 3r	ms)	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 Accln (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 (kl	۷)	ı	ı	1.082
Pelvis - Force (kl	۷)	1	-	2.184
Upper legs Force L	_eft	2.41	0.35	
(kN) R	ight	2.36	2.88	
Knee displ (mm) Le	eft	4.75	0.66	
R	ight	1.76	4.45	
Lower legs Force Left		7.43	2.00	
(kN) R	ight	3.65	1.77	
Index (Upper/Low) L	eft	1.07 /0.91	0.25 /0.10	
R	ight	0.70 /0.63	0.28/0.17	

Bonus points (maximum 5)

Pole Test: Not eligible Seat belt reminders: Not fitted

Modifiers - offset test scores

Head Steer column movement Chest

Upper leg Variable & conc. loading Lower leg

Lower leg

Foot score Pedal rearward Footwell rupture

1 pt deduction No deduction 2 pt deduction L & R No deduction Score zero points

1pt deduction

Modifiers - side impact test scores

Chest T12 modifier 2 pt deduction

PEDESTRIAN PROTECTION RATING (v4.1)

Not tested



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