

# ANCAP Safety Rating: MITSUBISHI TRITON (April 2015 – December 2022)



Frontal offset test at 64km/h

## This ANCAP safety rating applies to:

Make / Model	Mitsubishi Triton
Year Range	April 2015 – December 2022
Variant(s)*	All
Vehicle Type	Utility / Van

The tested model of Mitsubishi Triton was introduced in Australia and New Zealand in April 2015. This rating applies to all cab styles, engines and driven wheels.

Dual frontal, side chest, side head airbags (curtains) and a driver knee airbag are standard. Electronic Brake Distribution (EBD) and Emergency Brake Assist (EBA) are also standard. Advanced seat belt reminders are fitted to all seats. Advanced crash avoidance features such as Autonomous Emergency Braking (AEB) became available on updated MY19 variants. AEB is not available on earlier models. A reversing camera is available on some variants.

## Injury Outcomes.

### Frontal Offset Driver



### Passenger



### Side Impact & Pole# Driver



### Whiplash Protection Driver



GOOD
ACCEPTABLE
MARGINAL
POOR

# Head protection only.

## Test Results Summary.

Airbags	Dual Frontal, Side, Head, Knee
Frontal Offset Test	15.22 (out of 16)
Side Impact Test	16.00 (out of 16)
Pole Test	2 (out of 2)
Whiplash Protection	Good
Pedestrian Protection	Acceptable
ESC	Standard
Seat Belt Reminders	3 (out of 3)
Overall Score	36.22 (out of 37)
ANCAP Safety Rating	★★★★★
Rating Year^	2015

## Occupant Protection.

### Frontal Offset Test

Each body region is scored out of 4 points

Head / neck:	4.00 points
Chest:	3.97 points
Upper legs:	4.00 points
Lower legs:	3.24 points

The passenger compartment held its shape well in the frontal offset test although there was some deformation of the rear flopan behind the driver. Driver chest and leg protection was acceptable. Pedal and steering wheel displacements were well controlled. Driver and passenger contact with the airbags was stable. All doors remained closed during the crash. High manual effort was needed to open the driver door after the crash.

### Side Impact Test

Each body region is scored out of 4 points

Head:	4.00 points
Chest:	4.00 points
Abdomen:	4.00 points
Pelvis:	4.00 points

The side impact test normally used by ANCAP simulates a small car striking the driver's door of the test vehicle. Experience shows that large vehicles like the Triton can be expected to perform well in this test. ANCAP has adopted a policy of awarding these types of vehicles a default score of 16 points (out of 16).

### Pole Test

Scored out of 2 points

Score:	2.00 points
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The vehicle was eligible for a side pole test because it has side curtain airbags. The vehicle scored the maximum 2 points for head protection in this test.

### Whiplash Protection Test

Whiplash protection is assessed to the RCAR Protocol

Geometric test:	Good
Dynamic test:	Good
Overall whiplash rating:	Good

Based on IIHS tests.

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## Pedestrian Protection.

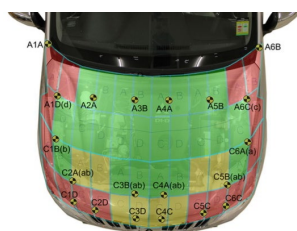
### Pedestrian Test

Scored out of 36 points

Adult & child head impacts: 14.16 points  
Upper leg impacts: 0.86 points  
Lower leg impacts: 6.00 points

This vehicle scored 21.02 out of 36 points (Acceptable). Good results were obtained in the central area of the bonnet and across the bumper. Some points were gained in the centre of the bonnet leading edge but the outer edges were poor. (v5.3)

### Child and adult head impact



### Adult leg impact (upper and full legforms)



## Score Deductions.

### Deductions from frontal offset test scores

Head / neck: No deductions  
Chest: No deductions  
Upper legs: No deductions  
Lower legs: No deductions

### Deductions from side impact test score

High-seat vehicle: Default side impact score awarded.

### Deductions from pole test score

Head: No deductions

## Other.

Independent assessment has shown that the 2015 ANCAP safety rating of this vehicle only is retained when fitted with the following vehicle frontal protection bars:

- Mitsubishi-supplied Part No. MZ350418 (alloy kit)
- Mitsubishi-supplied Part No. MZ350418BL (alloy, black kit)
- Mitsubishi-supplied Part No. MZ350591 (alloy kit, w/o loops)
- Mitsubishi-supplied Part No. MZ350591BL (alloy, black kit, w/o loops)
- Mitsubishi-supplied Part No. MZ350619 (polished)
- Mitsubishi-supplied Part No. MZ350620 (powdercoated, black)

ANCAP was provided with information to show that, with the Mitsubishi bullbars fitted, the pedestrian protection rating drops to "Marginal". While this is still adequate for a 5 star rating, the fitting of rigid metal bullbars does increase the serious injury risk for struck pedestrians, compared to Tritons without the bullbar fitted.

## Safety Features & Technologies.

Descriptions of each of these safety features and safety assist technologies (SAT) and detail on fitting requirements for each star rating level can be found at [ancap.com.au](http://ancap.com.au).

Safety Feature / Safety Assist Technology	Availability
Seat belts (three-point) for all forward-facing seats	S
Seat belt pretensioners (front)	S
Seat belt pretensioners (rear outboard)	X
Intelligent seat belt reminder (driver)	S
Intelligent seat belt reminder (front passenger)	S
Intelligent seat belt reminder (2 <sup>nd</sup> row seats)	S
Airbag - Front (driver)	S
Airbag - Front (passenger)	S
Airbag - Side, chest protection (front seats)	S
Airbag - Side, chest protection (2 <sup>nd</sup> row seats)	X
Airbag - Side, head protection (front seats)	S
Airbag - Side, head protection (2 <sup>nd</sup> row seats)	S
Airbag - Knee (driver)	S
Airbag - Knee (front passenger)	X
Head restraints for all seats	S
Adaptive cruise control (ACC)	X
Antilock braking system (ABS)	S
Autonomous emergency braking (AEB)	X (MY19=V)
Daytime running lights (DRL)	V (MY19=S)
Electronic brakeforce distribution (EBD)	S
Electronic stability control (ESC)	S
Emergency brake assist (EBA)	S
Hill launch assist	S
Lane support system (LSS)	X (MY19=V)
Reversing collision avoidance	V
Trailer stability control	S
Tyre pressure monitoring system (TPMS)	X

These specifications are subject to change. Please check with the manufacturer for the latest specifications.

**S** = Standard on all variants.

**O** = Optional on base variant. May be standard on higher variants.

**V** = Not available on base variant but standard or optional on higher variants.

**X** = Not available on any variant.

**E** = Available in Europe / USA but not available on any Australasian variant.

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## Injury Values & Measurements.

Body Region	Frontal offset test at 64 km/h (v5.1)		Side impact test at 50 km/h (v5.1)	
	Driver	Passenger	Driver	
Head				
HIC	547.00	306.00	HIGH-SEAT VEHICLE DEFAULT SCORE AWARDED	
Acceleration (g for 3ms)	59.20	42.80		
Neck				
Shear (kN)	0.54	0.35		
Tension (kN)	2.10	1.13		
Extension (Nm)	25.60	5.90		
Chest				
Acceleration (g for 3ms)	-	-		
Compression (mm)	22.18	21.10		
Viscous criterion (m/s)	0.08	0.04		
Abdomen				
Force (kN)	-	-		
Pelvis				
Force (kN)	-	-		
Upper legs				
Femur force left (kN)	0.70	0.18		
Femur force right (kN)	0.87	0.52		
Knee displacement left (mm)	1.29	0.16		
Knee displacement right (mm)	0.72	0.31		
Lower legs				
Force left (kN)	1.88	1.27		
Force right (kN)	2.52	1.30		
Index (upper / lower) left	0.57 / 0.29	0.26 / 0.21		
Index (upper / lower) right	0.47 / 0.51	0.40 / 0.32		
Intrusion Measurements*				
Steering column				
Forward (mm)	69			
Downward (mm)	57			
Sideways (mm)	8			
Pedals				
Brake - rearward (mm)	76			
Throttle - downward (mm)	27			
A-Pillar				
Forward (mm)	5			

\* Steering column and pedal movements are measured relative to the driver's seat.

\* ANCAP safety ratings do not automatically extend to variants that have different body styles, engine configurations, driven wheels or occupant restraint systems (e.g. fewer airbags). In these cases, ANCAP considers technical evidence submitted by manufacturers before deciding on extending a rating to additional variants of a model. For further information about the application of ANCAP safety ratings to model variants, see the ANCAP Variant Policy.

^ The Rating Year denotes the year requirements against which a vehicle has been assessed. The Rating Year is determined by ANCAP and may be based on the year in which a new vehicle model is first launched into the Australian and/or New Zealand markets; the year in which the vehicle was tested (if tested by Euro NCAP); or, for vehicles which hold an existing ANCAP safety rating, the year in which the rating was updated (or earlier applicable year).

## Assessment Details.

Tested Make / Model	Mitsubishi Triton Dual Cab
Tested Vehicle(s) Built	2015
Tested Body Type	Utility
Tested Vehicle Kerb Weight	1930 kg
Tested Vehicle Engine	2.4 turbo diesel
Tested By	ANCAP
Assessed By	ANCAP
Document Reference	TRITON15
Document Created / Revised	June 2015 / January 2019
Rating Published	April 2015
Rating Updated	January 2019

