

2017





# Adult Occupant



97%

# Child Occupant



78%

#### Pedestrian



80%



Safety Assist

71%

## **SPECIFICATION**

Tested Model	Mitsubishi Eclipse Cross 1.5 'Invite, 4x2, LHD
Body Type	- 5 door SUV
Year Of Publication	2017
Kerb Weight	1425kg
VIN From Which Rating Applies	- all Eclipse Cross
Class	Small Off-Road

# **SAFETY EQUIPMENT**

	Driver	Passenger	Rear
FRONTAL CRASH PROTECTION			
Frontal airbag	•	•	×
Belt pretensioner	•	•	•
Belt loadlimiter	•	•	•
Knee airbag	•	×	×
SIDE CRASH PROTECTION			
Side head airbag	•	•	•
Side chest airbag	•	•	×
Side pelvis airbag	×	×	×



# SAFETY EQUIPMENT (NEXT)

	Driver	Passenger	Rear
CHILD PROTECTION			
Isofix		×	•
Integrated CRS		×	×
Airbag cut-off switch		•	_
SAFETY ASSIST			
Seat Belt Reminder	•	•	•

OTHER SYSTEMS	
Active Bonnet (Hood)	×
AEB Pedestrian	•
AEB City	•
AEB Inter-Urban	•
Speed Assistance System	•
Lane Assist System	•

Fitted to the vehicle as standard	Fitted to the vehicle as part of the safety pack
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C	Not fitted to the test vehicle but available as option or as part of the safety pack	🗶 Not available	— Not applicable
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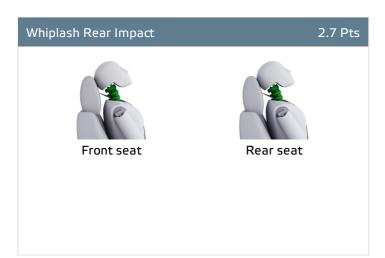
Total 36.9 Pts / 97%

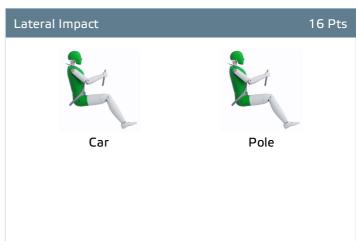
**POOR** 

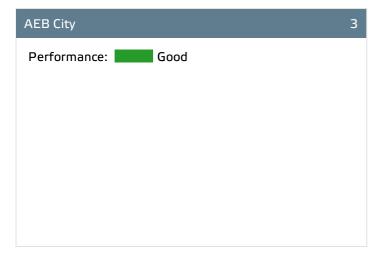




WEAK











Total 36.9 Pts / 97%

#### Comments

The passenger compartment of the Eclipse Cross remained stable in the frontal offset test. Dummy readings showed good protection of the knees and femurs of both the driver and passenger. Mitsubishi demonstrated that a similar level of protection would be provided to occupants of different sizes and to those sat in different positions. in the full-width rigid barrier test, protection of the chest of the rear passenger was rated as marginal, based on dummy measurements of compression but, otherwise, protection of both dummies was good or adequate. In both the side barrier test and the more severe side pole impact, protection of all critical body areas was good and the Eclipse Cross scored maximum points. Tests on the front seats and head restraints demonstrated good protection against whiplash injury in the event of a rear-end collision. A geometric assessment of the rear seats also indicated good whiplash protection. The standard-fit 'Forward Collision Mitigation' (FCM) system performed well in tests of its functionality at the low speeds typical of city driving, with collisions avoided at all test speeds.



Total 38.2 Pts / 78%



### Crash Test Performance based on 6 & 10 year old children

21 Pts





Restraint for 6 year old child: *Britax Roemer KIDFIX XP*Restraint for 10 year old child: *Nania/OSANN Dream* **Safety Features** 

6 Pts

	Front Passenger	2nd row outboard	2nd row center
Isofix	×	•	×
i-Size	×	•	×
Integrated CRS	×	×	×

Fitted to test car as standard

O Not on test car but available as option

🗶 Not available

#### **CRS Installation Check**

11.3 Pts

Install without problem
 Install with care
 Safety critical problem
 Installation not allowed

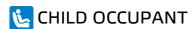
#### i-Size CRS











Total 38.2 Pts / 78%

#### ISOFIX CRS









#### Universal Belted CRS









Version 061117



Total 38.2 Pts / 78%

		Seat Pos	ition	
	Front		2nd row	
	PASSENGER	LEFT	CENTER	RIGHT
Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)		•		•
Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize)		•		•
BeSafe iZi Kid X2 i-Size (iSize)		•		•
Maxi Cosi Cabriofix & FamilyFix (ISOFIX)		•		•
BeSafe iZi Kid X4 ISOfix (ISOFIX)		•		•
Römer Duo Plus (ISOFIX)		•		•
Römer KidFix XP (ISOFIX)		•		•
Maxi Cosi Cabriofix (Belt)	•	•	•	•
Maxi Cosi Cabriofix & EasyBase2 (Belt)	•	•	×	•
Römer King II LS (Belt)	•	•	•	•
Römer KidFix XP (Belt)	•	•	•	•

Install without problem

Install with care

Safety critical problem

🗶 Installation not allowed

#### Comments

In the frontal offset test, dummy readings in 10 year dummy indicated weak protection of the neck. The protection of all other critical body areas was good or adequate for both the 6 year and 10 year dummies. In the side barrier test, protection of both dummies was good and maximum points were scored. The front passenger airbag can be disabled to allow a rearward-facing child restraint to be used in that seating position. Clear information is provided to the driver regarding the status of the airbag and the system was rewarded. Universal child restraints using the adult seatbelt cannot be installed in the rear centre position but, otherwise, restraints could be properly installed and accommodated.





Total 33.8 Pts / 80%

GOOD ADEQUATE MARGINAL WEAK POOR

Pedestrian Protection 33.8 Pts



Head Impact	18.1 Pts
Pelvis Impact	5.9 Pts
Leg Impact	6 Pts

EB Pedestrian		3.7 P
System Name	Forward Collision Miti	gation System (FCM)
Туре	Auto-Brake with Forw	ard Collision Warning
Operational From	5 K	m/h
Additional Information	Defaults on for every journey; operates	above 40km/h and in low ambient light
ERFORMANCE	Autobrake	- Function
ERFORMANCE	Autobrake Avoidance	e Function Mitigation
Running Adult crossing from Farside		
	Avoidance	Mitigation
Running Adult crossing from Farside	Avoidance  Collision avoided up to 30 km/h	Mitigation Impact mitigated up to 45 km/h

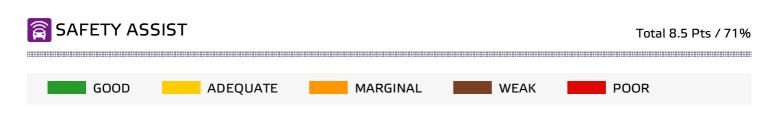
#### Comments

The protection provided by the bonnet was good or adequate at almost every test location. The bumper scored maximum points for its protection of pedestrians' legs. Protection of the pelvis was also good at all test points except one, where protection was adequate. The autonomous emergency braking system ('Forward Collision Mitigation') performed adequately in tests of its functionality when reacting to pedestrians.

**Speed Assistance** 



1.5 Pts



System Name	Speed Limiter
Speed Limit Information Function	N/A
Warning Function	Manually set
Speed Limitation Function	Manually set (accurate to 5km/h)

Seat Belt Reminder 3 Pts

Applies To	All seats		
Warning	Driver Seat	front passenger(s)	rear passenger(s)
Visual	•	•	•
Audible	•	•	•

PassFailNot available

Lane Support 1.5 Pts

System Name	Lane Departure Warning (LDW)
Туре	Lane Departure Warning
Operational From	65 km/h
Warning	Audible
PERFORMANCE	
LDW Confirmation Test	Pass





Total 8.5 Pts / 71%

AEB Interurban 2.5 Pts

System Name	Forward Collision Mitigation System (FCM)			
Туре	Forward Collision Warning with Auto-Brake			
Operational From	5 Km/h			
Additional Information	Default On			
PERFORMANCE   PE				
Operational Speed	5-80 Km/h	15-140 Km/h		
	Autobrake Function Only	Driver reacts to warning		
Approaching a stationary car	See AEB City	Crash avoided up to 60km/h. Crash speed reduced up to 80km/h.		
Approaching a slower moving car	Crash avoided up to 70km/h.	Crash avoided up to 70km/h. Crash speed reduced up to 80km/h.		
FOLLOWING A CAR AT SHORT DISTANCE				
Car in front brakes gently	Avoidance	Avoidance		
Car in front brakes harshly	Mitigation	Mitigation		
FOLLOWING A CAR AT LONG DISTANCE				
Car in front brakes gently	Avoidance	Avoidance		
Car in front brakes harshly	Avoidance	Avoidance		

### Comments

The Eclipse Cross has a seatbelt reminder system as standard for the front and rear seats. A lane assist system warns the driver when the car is drifting out of lane and a driver-set speed limiter helps maintain an appropriate speed. Tests of the the 'Forward Collision Mitigation' system at highway speeds demonstrated good performance, with collisions avoided or mitigated in all test scenarios and at all test speeds.



## **RATING VALIDITY**

### Variants of Model Range

Body Type Engine & TransmissionDrivetrainRating Applies					
			LHD	RHD	
5 door SUV	1.5 petrol*	4 x 2	✓	✓	
5 door SUV	1.5 petrol	4 x 4	✓	✓	

<sup>\*</sup> Tested variant

#### Annual Reviews and Facelifts

Date Event Outcome November 2017 Rating Published

2017 \* \* \* \* \*

