

Crash Tests

New Car Safety

MITSUBISHI 380

2005 on

Front+side airbags

Occupant Protection



Occupant Protection Score 28.09 out of 37

Variant: 380

Eng: 3.8L V6, Auto

Kerb weight: 1670 kg

Category: LARGE CAR/MPV

Vehicles built: Oct 05

Model History and Safety Features

The tested model of Mitsubishi 380 was introduced in Australia during 2005.

Dual front airbags and thorax side airbags are standard equipment. ABS/EBD brakes are also standard. An advanced seat belt reminder is fitted to the driver's seat. A "rest reminder" and speed alarm are provided in the trip computer. Doors automatically unlock in a front or side crash.

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. These seat belts also have load limiters. A three point seat belt is fitted to the centre rear seat. This provides better protection than a two point seat belt.

OCCUPANT PROTECTION: 4 Stars

The 380 scored 11.40 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 15.69 out of 16 in the side impact crash test. There was a slight risk of serious abdomen injury for the driver.

FRONTAL OFFSET CRASH TEST

Body region scores out of 4 points each: Head/neck 4 pts, chest 2.16 pts, upper legs 2 pts, lower legs 3.24 pts.

The passenger compartment held its shape well in the offset crash test. The brake pedal moved rearwards by 64 mm and upwards 37 mm. The steering wheel hub moved rearwards 7 mm, upwards 7 mm and sideways 3 mm. The front ("A") pillar moved 13 mm rearwards. All doors remained closed during the crash. After the crash all doors could be opened with normal effort.

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 4 pts, chest 4 pts, abdomen 3.69 pts, pelvis 4 pts.

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 information sheet "How the test are done"	Offset Crash Test at 64km/h (v4.1)		Side Impact Crash Test at 50km/h (v4.1)
	Driver	Passn	Driver
Head HIC	356	413	31
Acceleration (g for 3ms)	47.4	48.3	16.3
Neck - Shear (kN)	0.42	0.42	-
Tension (kN)	1.30	1.20	-
Extension (Nm)	12.4	24.2	-
Chest Accln (g for 3ms)	49.9	35.3	-
Compression (mm)	34.90	26.90	16.20
Viscous criterion (m/s)	0.13	0.10	0.12
Abdomen - Force (kN)	-	-	1.117
Pelvis - Force (kN)	-	-	1.080
Upper legs Force Left (kN)	1.06	0.62	
Right (kN)	0.87	1.21	
Knee displ (mm) Left	1.32	1.14	
Right	0.14	8.28	
Lower legs Force Left (kN)	1.55	1.55	
Right (kN)	1.82	2.21	
Index (Upper/Low) Left	0.44 /0.47	0.39 /0.29	
Right	0.30 /0.24	0.57/0.31	

Bonus points (maximum 5)

Pole Test: Not eligible

Seat belt reminders: 1

Modifiers - offset test scores

Head

No deduction

Chest

No deduction

Upper leg Variable & conc. loading

2 pt deduction L & R

Lower leg

No deduction

Foot score

Score 4 points

Modifiers - side impact test scores

Chest

No deduction

PEDESTRIAN PROTECTION RATING (v4.1)

Child head impacts	1.810	Upper leg impacts	Zero
Adult head impacts	Zero	Lower leg impacts	Zero
Total (out of 36)	1.810	★☆☆☆	



ANCAP

Crash testing for safety

AUSTRALASIAN
NEW CAR ASSESSMENT
PROGRAM

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PO Box 1555

Canberra ACT

Australia 2601

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