



55/28 km/h Side Impact NCAP Test Summary
2008 Mitsubishi Lancer 4-Door Sedan NHTSA No. B85600
May 30, 2007

	HIC Values				TTI Values and Pelvic G's	
	Value	t ¹	t ²	Avg. G's	TTI	Pelvis
Driver Primary	189.4	38.0	68.0	33.1	35	45
Left Rear Passenger Primary	469.4	44.8	66.3	54.3	69	91

SID Primary Accelerometer FIR Filtered Data								
Location	Driver (P1)				Left Rear Passenger (P4)			
	Max	Time	Min	Time	Max	Time	Min	Time
Upper Rib (LUR)	37.9	48.8	-3.1	8.8	62.1	44.4	-8.2	178.2
Lower Rib (LLR)	30.0	48.2	-3.5	80.7	65.7	43.8	-8.0	178.2
Lower Spine (T ₁₂)	31.1	43.2	-4.2	89.4	72.0	45.0	-7.3	170.7
Pelvis (PEL)	44.5	28.2	-15.5	56.3	91.0	38.2	-8.1	62.5

	Test Particulars			
	Metric Units		English Units	
	Units	Value	Units	Value
MDB Velocity	km/h	62.43	mph	38.80
MDB Test Weight	kg	1361	lbs	3000
Vehicle Curb Weight	kg	1359	lbs	2996
Vehicle Test Weight	kg	1549	lbs	3414
Vehicle Width	MM	1725	Inches	67.9
Vehicle Wheelbase	MM	2637	Inches	103.8
Vehicle Length	MM	4578	Inches	180.2

Vehicle Safety Features		
ADL	ABS	Adj. Belt Anchors
No	Yes	Yes
Pretensioners		Load Limiter
Yes		Yes

Test Vehicle Doors		
Can Disable ADL's Using Owners Manual	No	
Doors Locked (Pre)	No	
Doors Latched (Post)	Driver	Rear Pass.
	Yes	Yes

	Airbag Deployment			
	Driver (P1)		Left Rear Passenger (P4)	
	Deployment	Mount	Deployment	Mount
Head Bag	Yes	Curtain	Yes	Curtain
Torso Bag	Yes	Seat Back		
Combination Bag				
Frontal Bag	Yes	Steering Wheel		

Standards Measured Post-Test	
301 - Fuel System Integrity	Yes

Comments: The trunk opened during impact.

QUICK-1

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