



55/28 km/h Side Impact NCAP Test Summary
2008 Lexus RX350 5-Door MPV NHTSA No. M85103
September 5, 2007

	HIC Values				TTI Values and Pelvic G's	
	Value	t ¹	t ²	Avg. G's	TTI	Pelvis
Driver Primary	96.6	42.6	74.7	24.6	33	48
Left Rear Passenger Primary	342.4	53.1	72.9	49.5	44	70

SID Primary Accelerometer FIR Filtered Data								
Location	Driver (P1)				Left Rear Passenger (P4)			
	Max	Time	Min	Time	Max	Time	Min	Time
Upper Rib (LUR)	27.3	50.7	-2.5	124.4	44.0	57.5	-3.4	172.5
Lower Rib (LLR)	29.4	32.5	-4.2	70.7	34.0	45.7	-4.3	231.9
Lower Spine (T ₁₂)	36.5	35.0	-6.9	75.0	44.3	41.3	-4.5	66.3
Pelvis (PEL)	47.7	27.5	-9.5	63.2	69.8	33.2	-11.8	65.0

	Test Particulars			
	Metric Units		English Units	
	Units	Value	Units	Value
MDB Velocity	km/h	61.73	mph	38.37
MDB Test Weight	kg	1361	lbs	3000
Vehicle Curb Weight	kg	1806	lbs	3982
Vehicle Test Weight	kg	2032	lbs	4480
Vehicle Width	MM	1828	Inches	72.0
Vehicle Wheelbase	MM	2717	Inches	107.0
Vehicle Length	MM	4719	Inches	185.8

	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				

Vehicle Safety Features		
ADL	ABS	Adj. Belt Anchors
Yes	Yes	Yes
Pretensioners		Load Limiter
Yes		Yes

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

Standards Measured Post-Test	
301 - Fuel System Integrity	Yes

Comments:

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