



55/28 km/h Side Impact NCAP Test Summary
2007 Ford Explorer XLT 5-Door MPV NHTSA No. F80200
June 8, 2007

	HIC Values				TTI Values and Pelvic G's	
	Value	t ¹	t ²	Avg. G's	TTI	Pelvis
Driver Primary	95.7	48.0	74.6	26.4	32	64
Left Rear Passenger Primary	104.5	47.3	78.0	25.8	27	38

SID Primary Accelerometer FIR Filtered Data								
Location	Driver (P1)				Left Rear Passenger (P4)			
	Max	Time	Min	Time	Max	Time	Min	Time
Upper Rib (LUR)	29.4	48.2	-1.2	200.7	27.6	63.2	-3.8	178.2
Lower Rib (LLR)	28.7	46.3	-2.5	61.3	23.8	46.9	-4.6	177.5
Lower Spine (T ₁₂)	34.1	36.3	-4.6	65.7	26.6	46.3	-3.2	173.2
Pelvis (PEL)	63.6	29.4	-9.5	67.5	37.9	33.8	-8.1	75.7

	Test Particulars			
	Metric Units		English Units	
	Units	Value	Units	Value
MDB Velocity	km/h	61.95	mph	38.50
MDB Test Weight	kg	1361	lbs	3000
Vehicle Curb Weight	kg	2094	lbs	4616
Vehicle Test Weight	kg	2382	lbs	5252
Vehicle Width	MM	1815	Inches	71.5
Vehicle Wheelbase	MM	2893	Inches	113.9
Vehicle Length	MM	4923	Inches	193.8

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

	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				

Standards Measured Post-Test	
301 - Fuel System Integrity	Yes

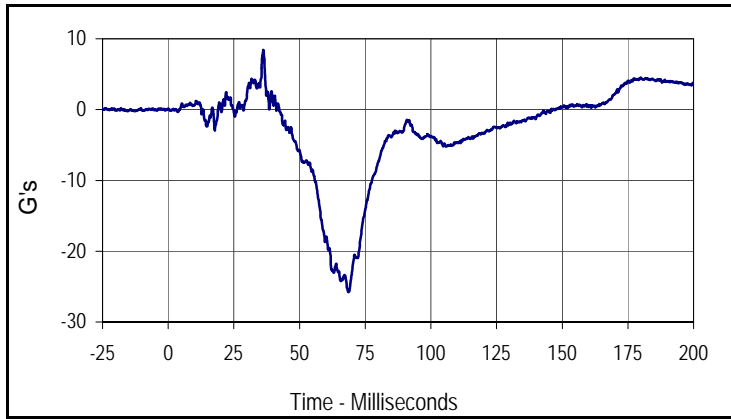
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QUICK-1

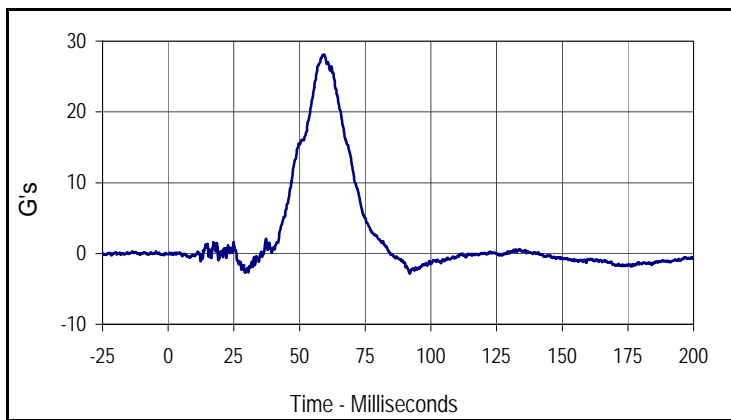
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Test Vehicle: 2007 Ford Explorer XLT 5-Door MPV
 Test Program: 55/28 km/h Side Impact NCAP

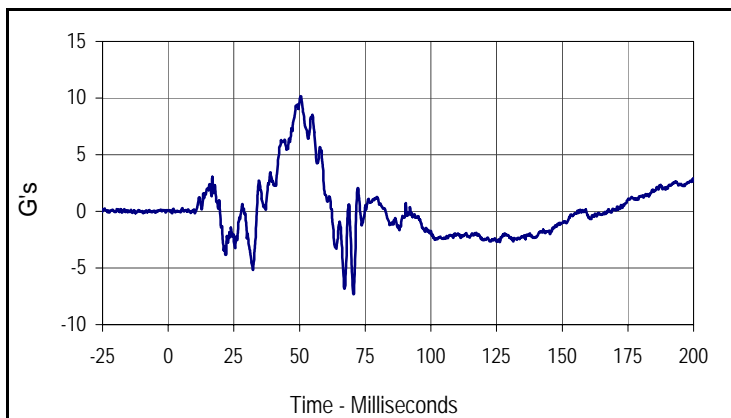
Test Date: 6/8/07
 NHTSA No.: F80200



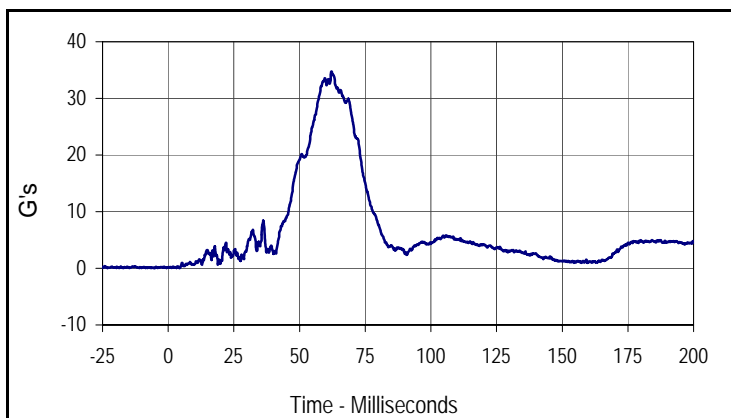
Curve Description			
Driver Head X Primary			
CURNO	Type	SAE Class	Units
001	FIL	1000	G's
Max	Time	Min	Time
8.4	36.2	-25.8	68.6



Curve Description			
Driver Head Y Primary			
CURNO	Type	SAE Class	Units
002	FIL	1000	G's
Max	Time	Min	Time
28.1	59.4	-2.8	92.1



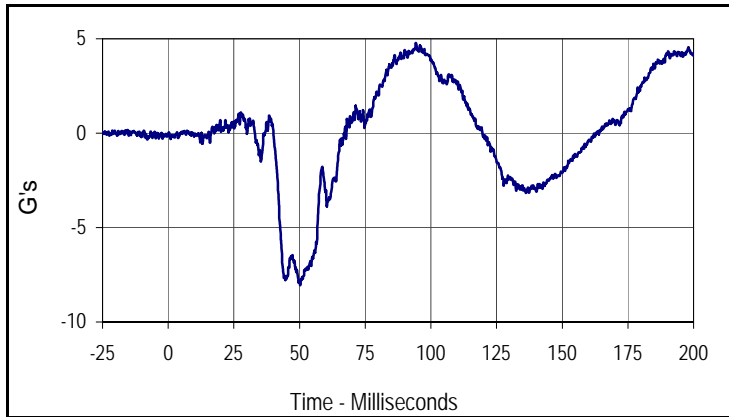
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Driver Head Z Primary			
CURNO	Type	SAE Class	Units
003	FIL	1000	G's
Max	Time	Min	Time
10.2	50.4	-7.3	70.6



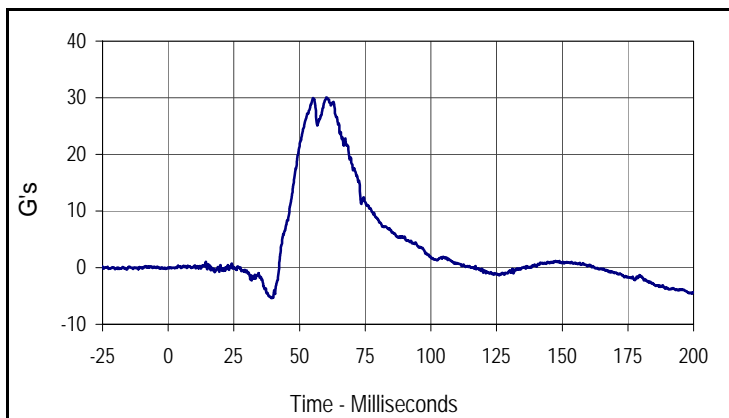
Curve Description			
Driver Head Resultant Primary			
CURNO	Type	SAE Class	Units
001	RES	1000	G's
Max	Time	Min	Time
34.7	62.1	0.0	4.2

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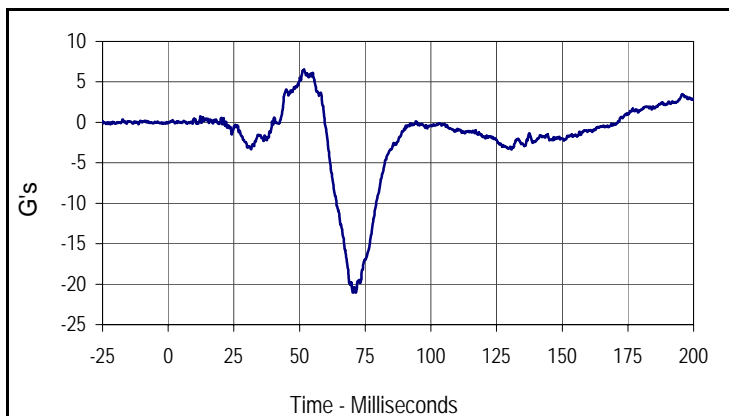
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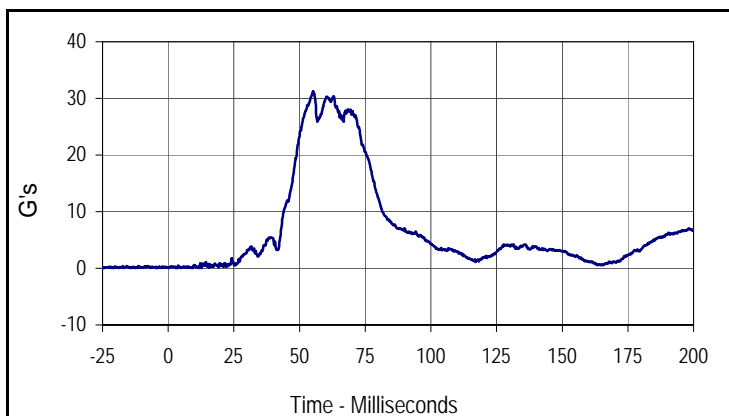
Curve Description			
Passenger Head X Primary			
CURNO	Type	SAE Class	Units
023	FIL	1000	G's
Max	Time	Min	Time
4.8	94.3	-8.0	50.3



Curve Description			
Passenger Head Y Primary			
CURNO	Type	SAE Class	Units
024	FIL	1000	G's
Max	Time	Min	Time
30.1	60.2	-5.4	39.5



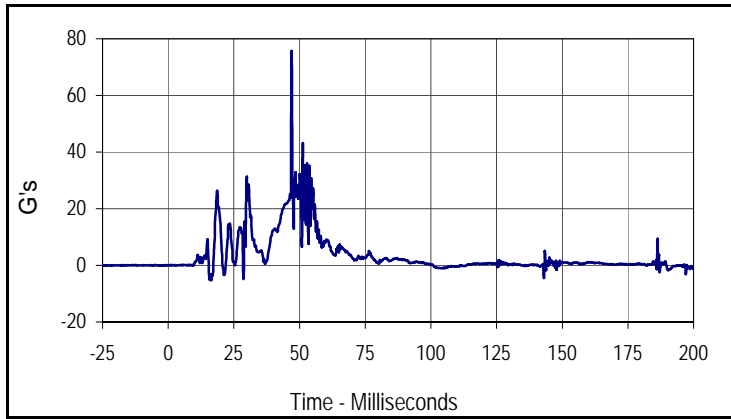
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Passenger Head Z Primary			
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025	FIL	1000	G's
Max	Time	Min	Time
6.6	51.7	-21.0	70.5



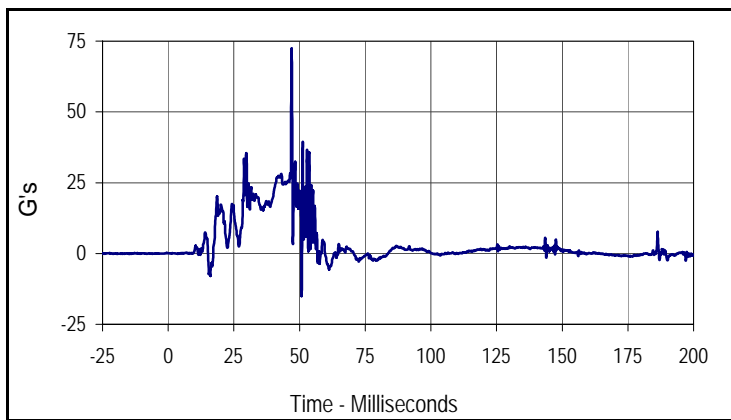
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Passenger Head Resultant Primary			
CURNO	Type	SAE Class	Units
023	RES	1000	G's
Max	Time	Min	Time
31.2	55.1	0.0	0.1

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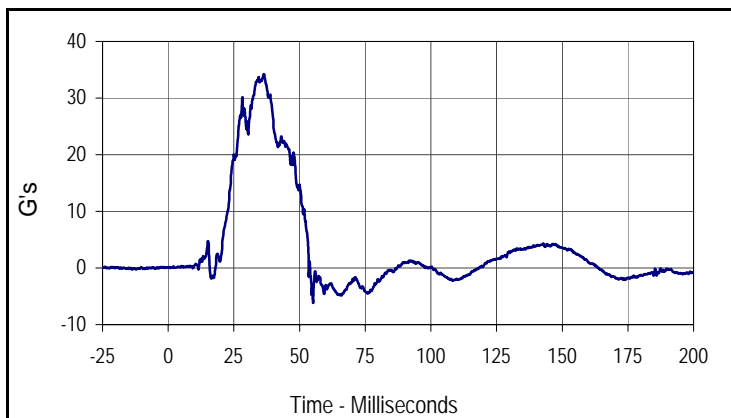
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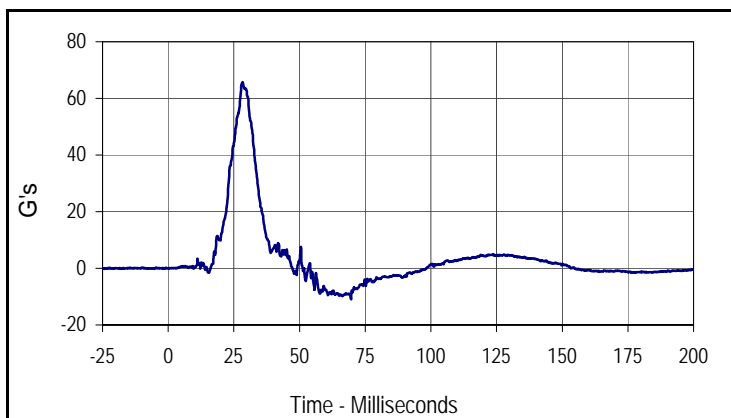
Curve Description			
Driver Upper Rib Y Primary			
CURNO	Type	SAE Class	Units
013	FIL	1000	G's
Max	Time	Min	Time
75.7	47.0	-5.3	16.4



Curve Description			
Driver Lower Rib Y Primary			
CURNO	Type	SAE Class	Units
014	FIL	1000	G's
Max	Time	Min	Time
72.5	47.0	-15.1	50.8



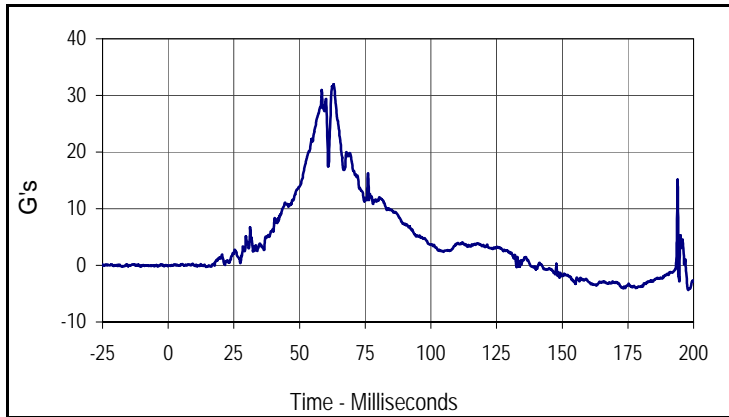
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Driver Lower Spine Y Primary			
CURNO	Type	SAE Class	Units
015	FIL	1000	G's
Max	Time	Min	Time
34.2	36.4	-6.2	55.1



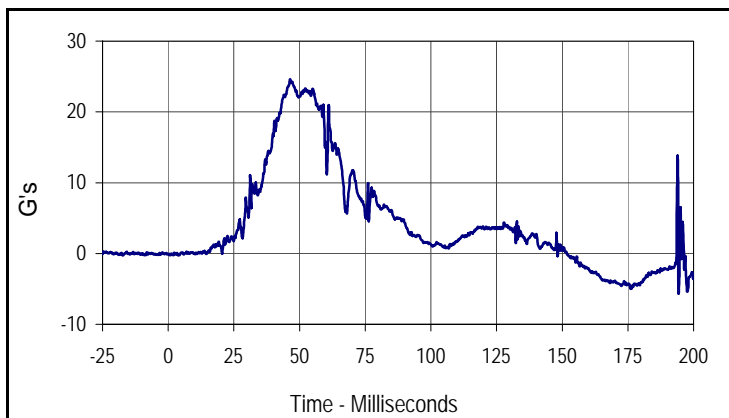
Curve Description			
Driver Pelvis Y Primary			
CURNO	Type	SAE Class	Units
013	RES	1000	G's
Max	Time	Min	Time
65.7	28.3	-10.9	69.6

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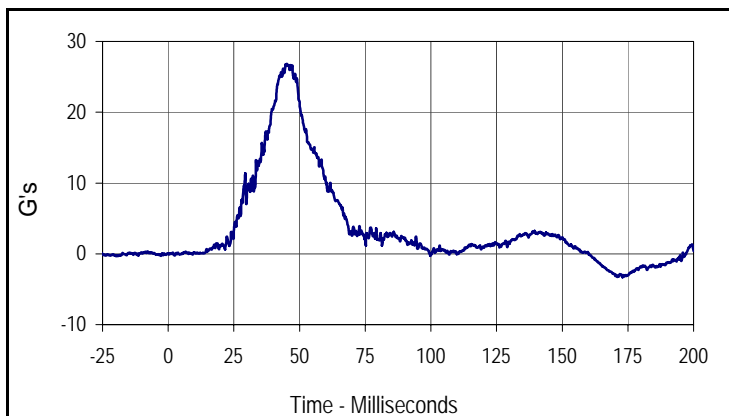
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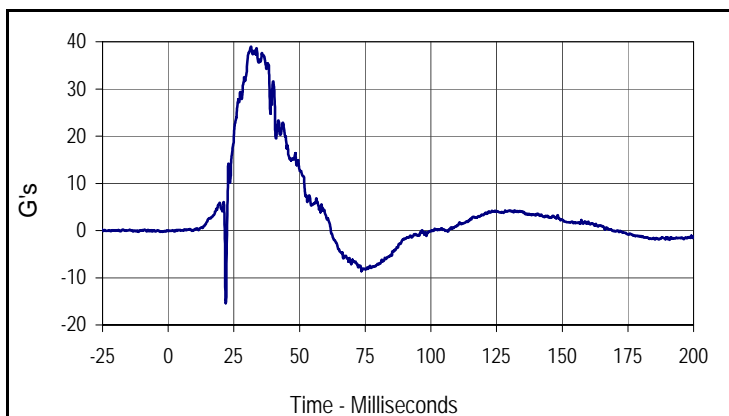
Curve Description			
Passenger Upper Rib Y Primary			
CURNO	Type	SAE Class	Units
035	FIL	1000	G's
Max	Time	Min	Time
32.0	63.0	-4.4	197.9



Curve Description			
Passenger Lower Rib Y Primary			
CURNO	Type	SAE Class	Units
036	FIL	1000	G's
Max	Time	Min	Time
24.6	46.4	-5.6	194.3



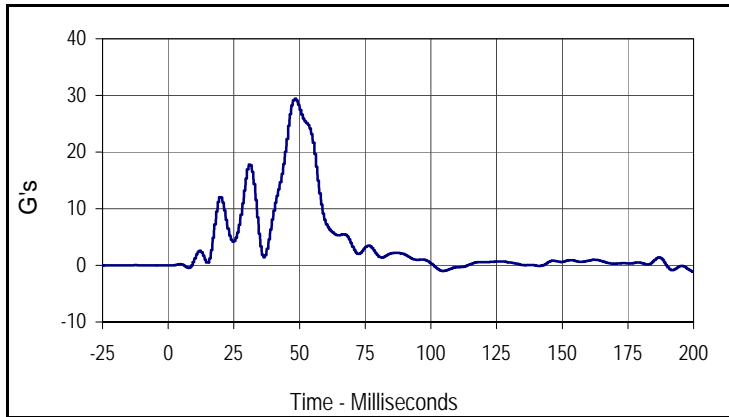
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Passenger Lower Spine Y Primary			
CURNO	Type	SAE Class	Units
037	FIL	1000	G's
Max	Time	Min	Time
26.8	45.2	-3.3	172.9



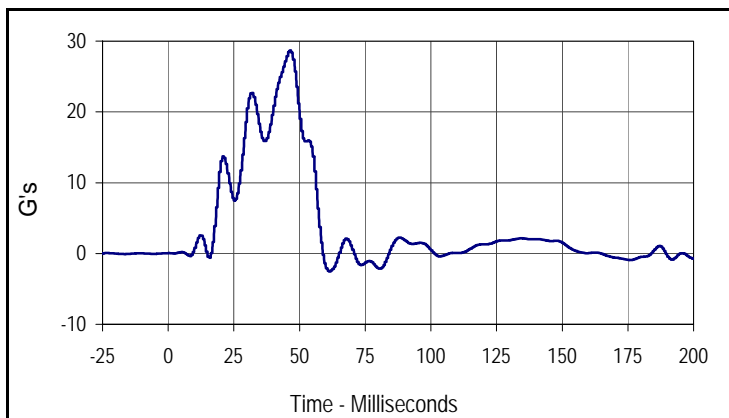
Curve Description			
Passenger Pelvis Primary Y			
CURNO	Type	SAE Class	Units
035	RES	1000	G's
Max	Time	Min	Time
39.0	31.5	-15.4	21.9

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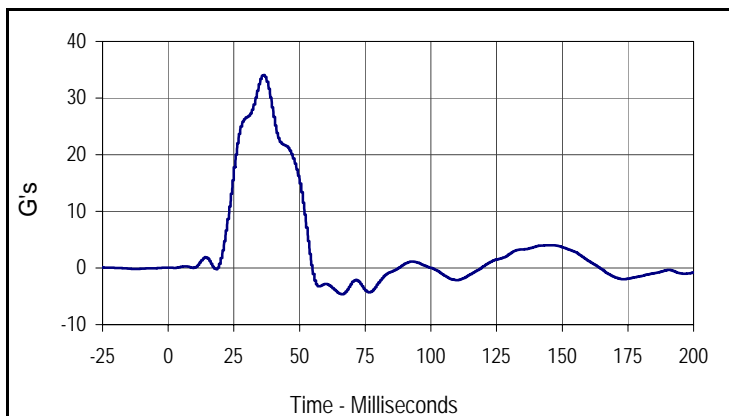
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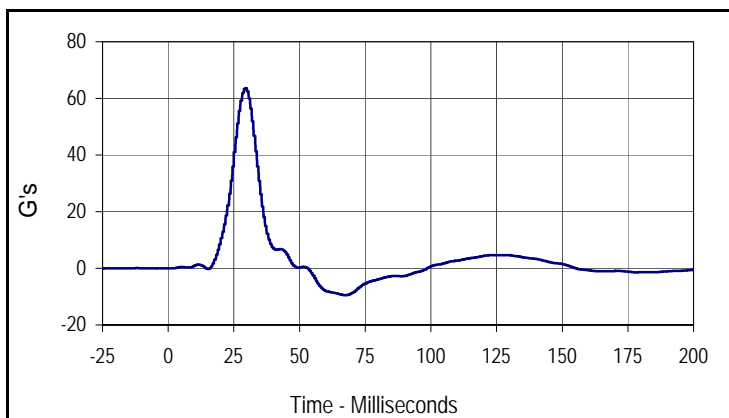
Curve Description			
Driver Upper Rib Y Primary			
CURNO	Type	SAE Class	Units
013	FIR	FIR100	G's
Max	Time	Min	Time
29.4	48.2	-1.2	200.7



Curve Description			
Driver Lower Rib Y Primary			
CURNO	Type	SAE Class	Units
014	FIR	FIR100	G's
Max	Time	Min	Time
28.7	46.3	-2.5	61.3



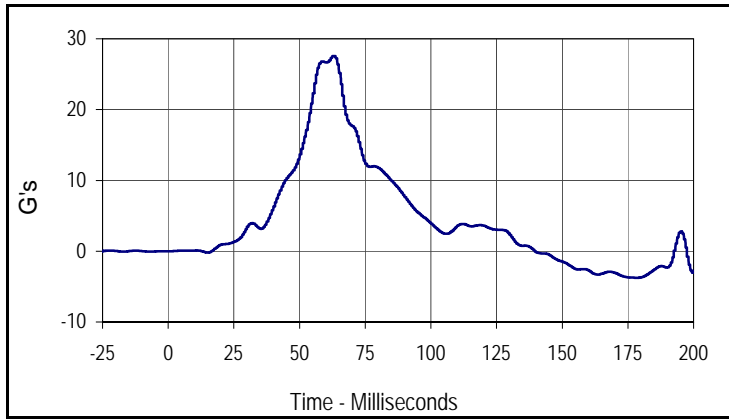
Curve Description			
Driver Lower Spine Y Primary			
CURNO	Type	SAE Class	Units
015	FIR	FIR100	G's
Max	Time	Min	Time
34.1	36.3	-4.6	65.7



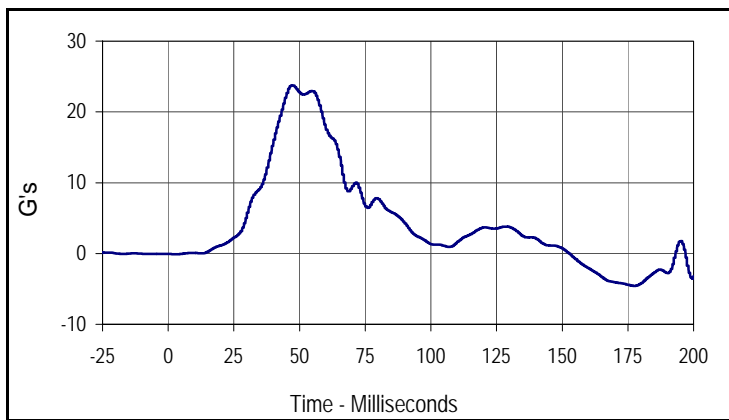
Curve Description			
Driver Pelvis Y Primary			
CURNO	Type	SAE Class	Units
016	FIR	FIR100	G's
Max	Time	Min	Time
63.6	29.4	-9.5	67.5

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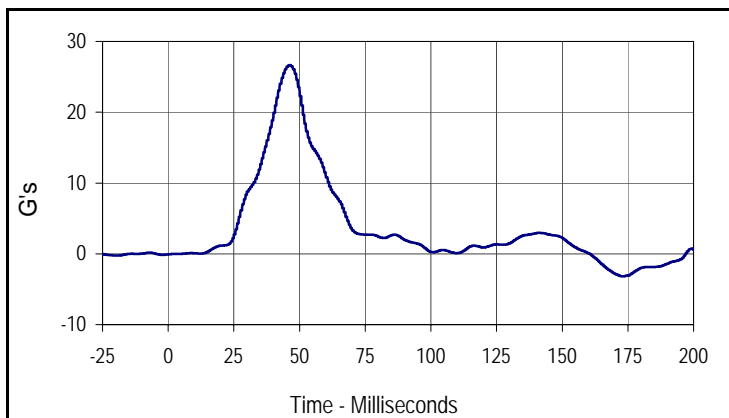
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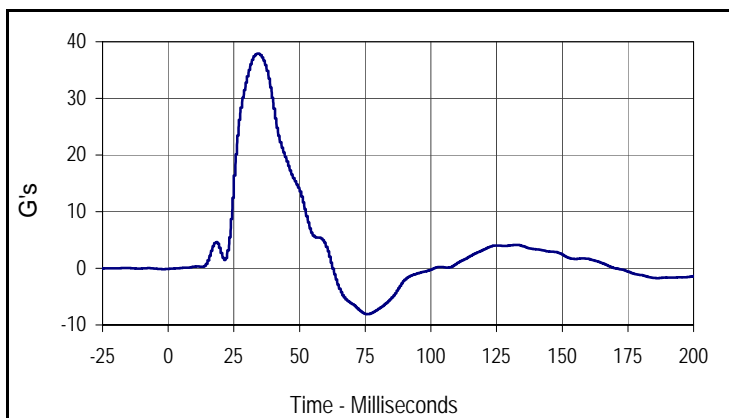
Curve Description			
Passenger Upper Rib Y Primary			
CURNO	Type	SAE Class	Units
035	FIR	FIR100	G's
Max	Time	Min	Time
27.6	63.2	-3.8	178.2



Curve Description			
Passenger Lower Rib Y Primary			
CURNO	Type	SAE Class	Units
036	FIR	FIR100	G's
Max	Time	Min	Time
23.8	46.9	-4.6	177.5



Curve Description			
Passenger Lower Spine Y Primary			
CURNO	Type	SAE Class	Units
037	FIR	FIR100	G's
Max	Time	Min	Time
26.6	46.3	-3.2	173.2



Curve Description			
Passenger Pelvis Primary Y			
CURNO	Type	SAE Class	Units
038	FIR	FIR100	G's
Max	Time	Min	Time
37.9	33.8	-8.1	75.7