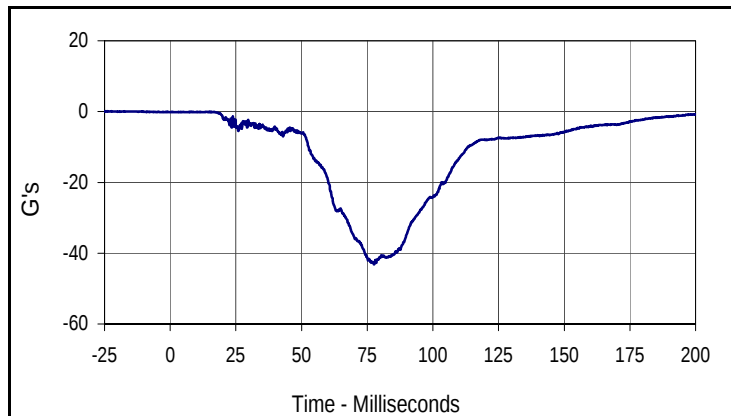
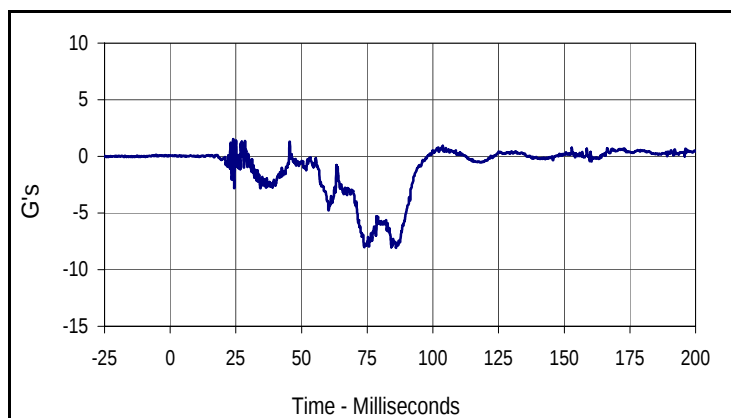


Test Vehicle: 2010 Mazda3 I Sport 4-Door Sedan
 Test Program: 56 km/h Frontal Validation Testing

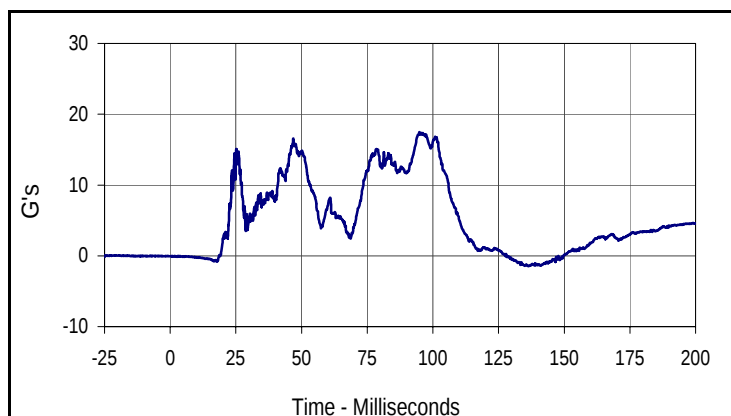
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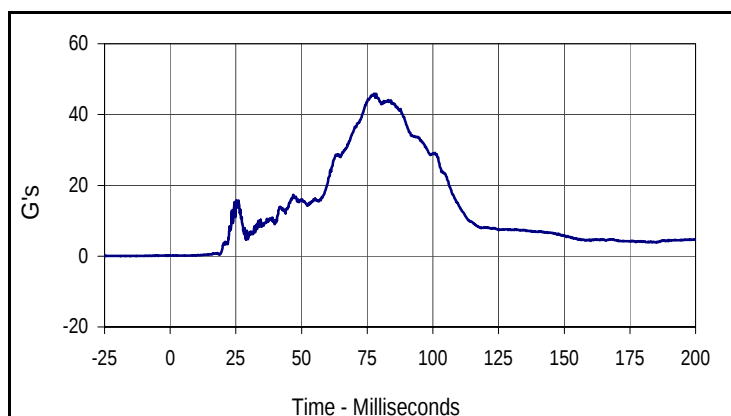
Curve Description			
Driver Head Primary X			
CURNO	Type	SAE Class	Units
001	FIL	1000	G's
Max	Time	Min	Time
-0.1	16.7	-43.2	77.6



Curve Description			
Driver Head Primary Y			
CURNO	Type	SAE Class	Units
002	FIL	1000	G's
Max	Time	Min	Time
1.5	24.0	-8.1	86.0

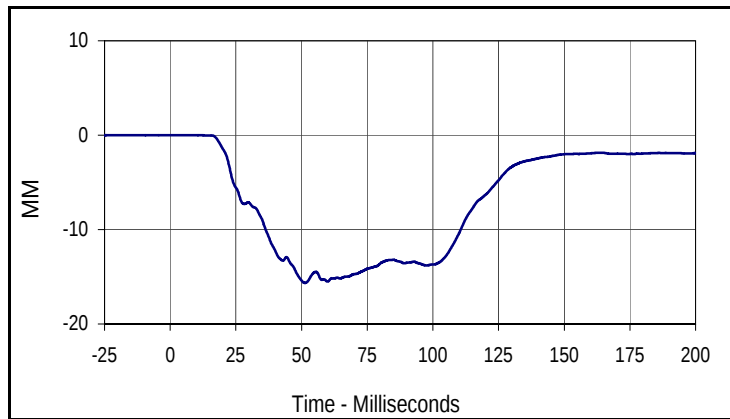


Curve Description			
Driver Head Primary Z			
CURNO	Type	SAE Class	Units
003	FIL	1000	G's
Max	Time	Min	Time
17.5	94.9	-1.5	136.3



Curve Description			
Driver Head Resultant Primary			
CURNO	Type	SAE Class	Units
001	RES	1000	G's
Max	Time	Min	Time
45.9	77.6	0.1	0.8

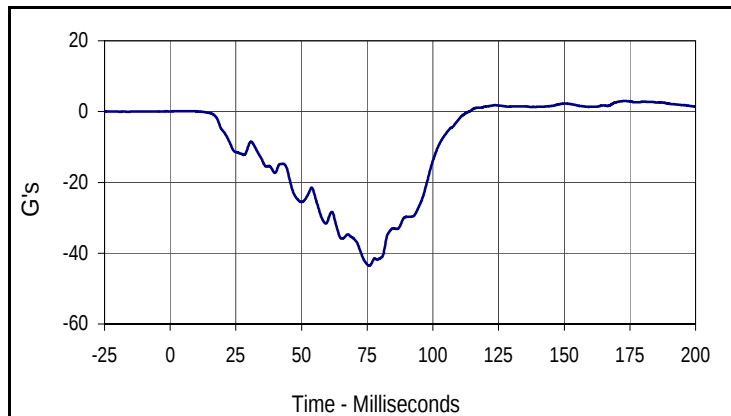
Test Date: 5/7/09
NHTSA No.: MA5401



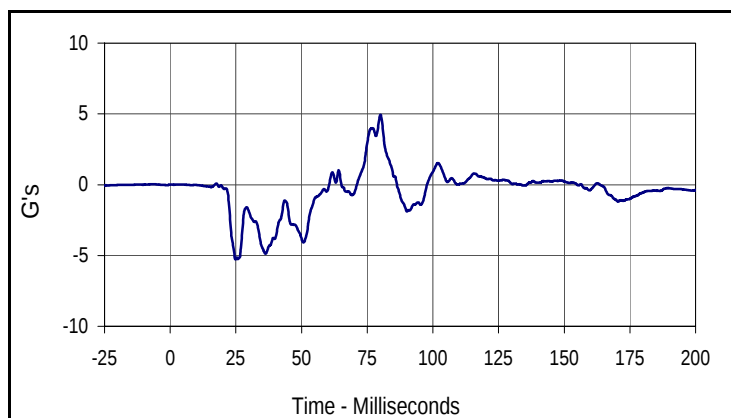
Curve Description			
Driver Chest Deflection			
CURNO	Type	SAE Class	Units
019	FIL	180	MM
Max	Time	Min	Time
0.0	5.5	-15.7	51.3

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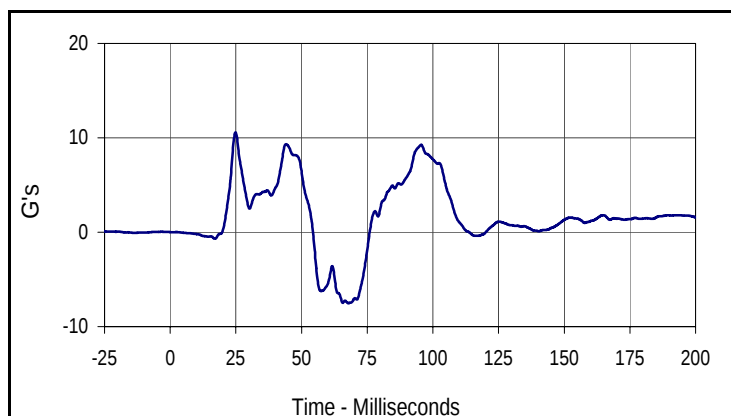
Test Date: 5/7/09
 NHTSA No.: MA5401



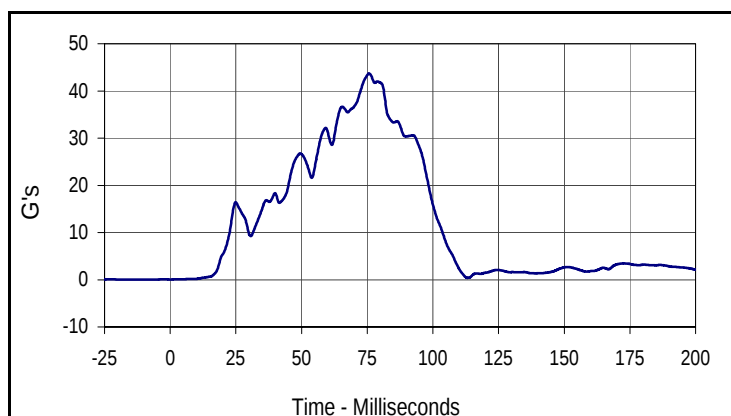
Curve Description			
Driver Chest Primary X			
CURNO	Type	SAE Class	Units
013	FIL	180	G's
Max	Time	Min	Time
3.0	172.9	-43.5	75.7



Curve Description			
Driver Chest Primary Y			
CURNO	Type	SAE Class	Units
014	FIL	180	G's
Max	Time	Min	Time
4.9	80.1	-5.3	24.8



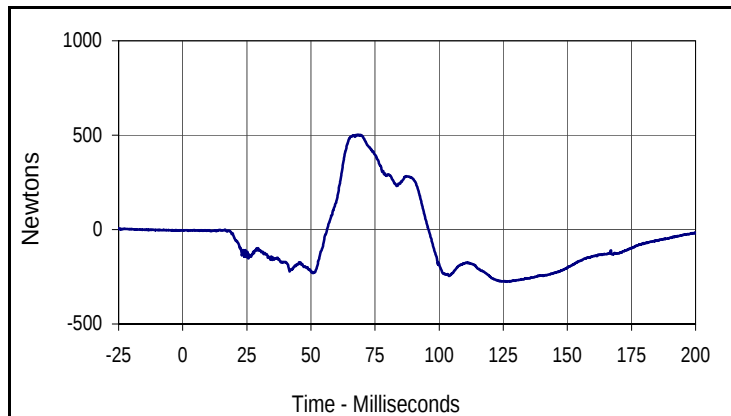
Curve Description			
Driver Chest Primary Z			
CURNO	Type	SAE Class	Units
015	FIL	180	G's
Max	Time	Min	Time
10.6	24.9	-7.5	67.9



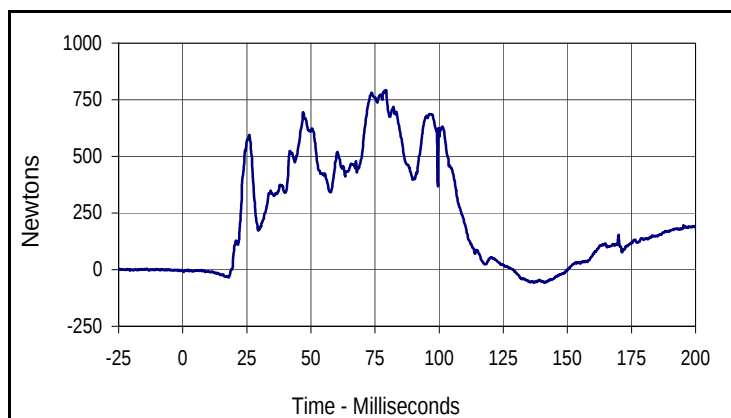
Curve Description			
Driver Chest Resultant Primary			
CURNO	Type	SAE Class	Units
013	RES	180	G's
Max	Time	Min	Time
43.7	75.7	0.0	0.0

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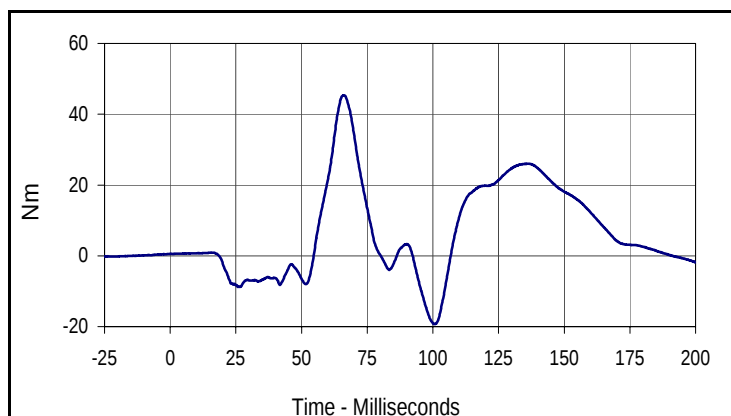
Test Date: 5/7/09
 NHTSA No.: MA5401



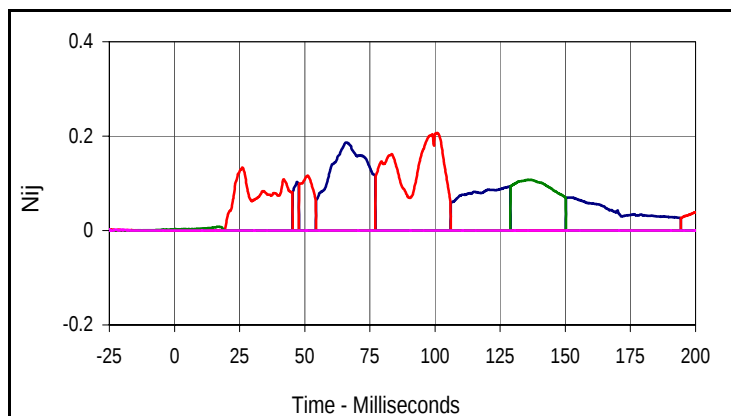
Curve Description			
Driver Upper Neck Force X			
CURNO	Type	SAE Class	Units
007	FIL	1000	Newtons
Max	Time	Min	Time
503.0	68.3	-276.2	126.5



Curve Description			
Driver Upper Neck Force Z			
CURNO	Type	SAE Class	Units
009	FIL	1000	Newtons
Max	Time	Min	Time
792.8	79.2	-58.2	141.1



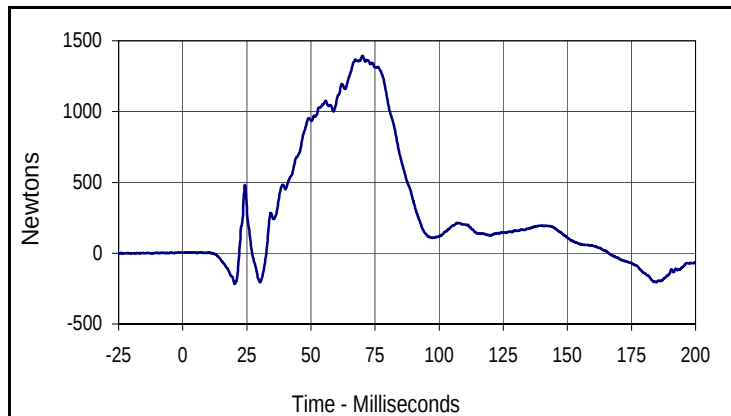
Curve Description			
Driver Upper Neck Moment Y			
CURNO	Type	SAE Class	Units
011	FIL	600	Nm
Max	Time	Min	Time
45.4	66.2	-19.3	100.7



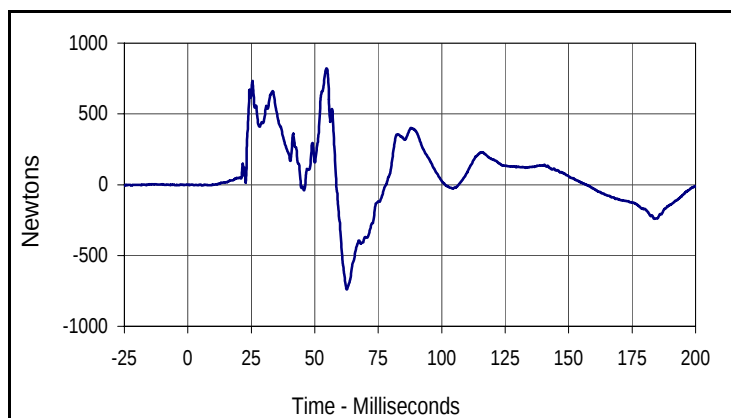
Curve Description			
Driver Nij			
Units	Type	Max	Time
Ntf	FIL	0.19	66.1
Units	Type	Max	Time
Nte	FIL	0.21	100.9
Units	Type	Max	Time
Ncf	FIL	0.11	136.8
Units	Type	Max	Time
Nce	FIL	0.00	-26.0

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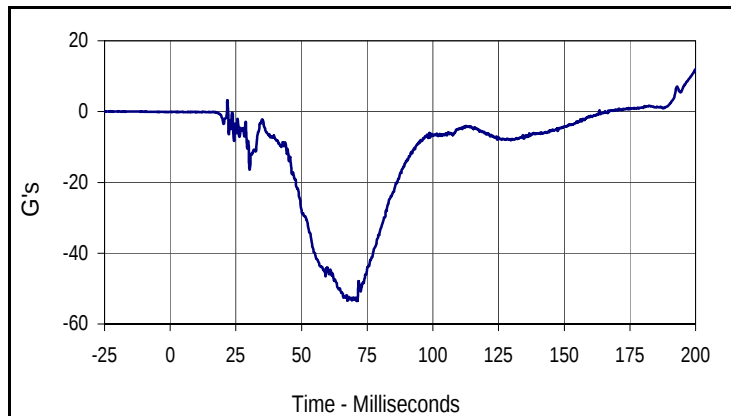
Curve Description			
Driver Left Femur Force Z			
CURNO	Type	SAE Class	Units
023	FIL	600	Newtons
Max	Time	Min	Time
1394.9	70.1	-217.3	20.3



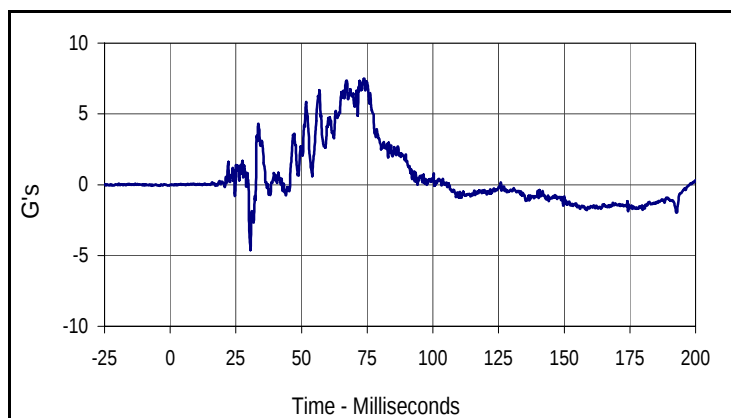
Curve Description			
Driver Right Femur Force Z			
CURNO	Type	SAE Class	Units
024	FIL	600	Newtons
Max	Time	Min	Time
820.9	54.6	-739.4	62.6

Test Vehicle: 2010 Mazda3 I Sport 4-Door Sedan
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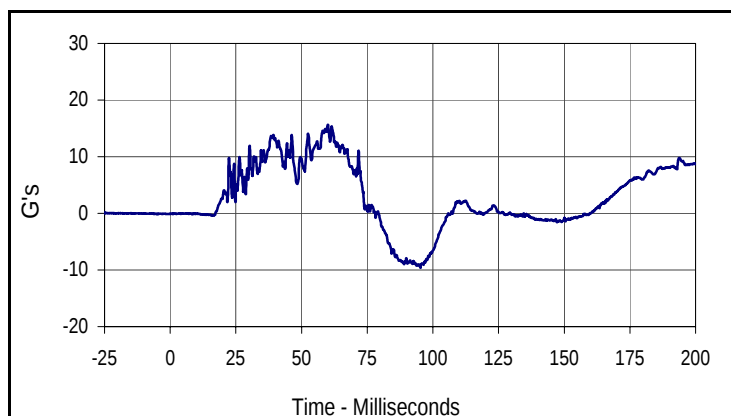
Test Date: 5/7/09
 NHTSA No.: MA5401



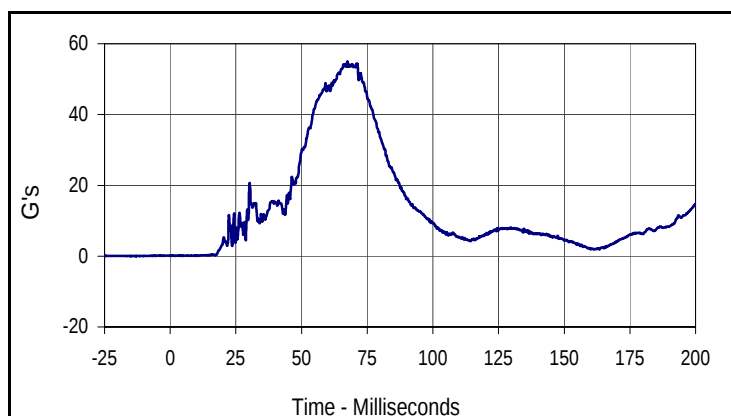
Curve Description			
Passenger Head Primary X			
CURNO	Type	SAE Class	Units
045	FIL	1000	G's
Max	Time	Min	Time
11.9	200.0	-53.5	71.3



Curve Description			
Passenger Head Primary Y			
CURNO	Type	SAE Class	Units
046	FIL	1000	G's
Max	Time	Min	Time
7.5	73.9	-4.6	30.6



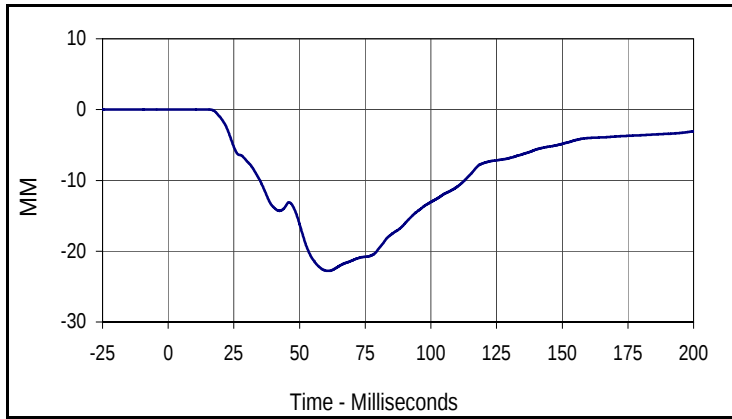
Curve Description			
Passenger Head Primary Z			
CURNO	Type	SAE Class	Units
047	FIL	1000	G's
Max	Time	Min	Time
15.7	60.0	-9.6	95.3



Curve Description			
Passenger Head Resultant Primary			
CURNO	Type	SAE Class	Units
045	RES	1000	G's
Max	Time	Min	Time
54.9	67.5	0.1	1.6

Test Vehicle: 2010 Mazda3 I Sport 4-Door Sedan
 Test Program: 56 km/h Frontal Validation Testing

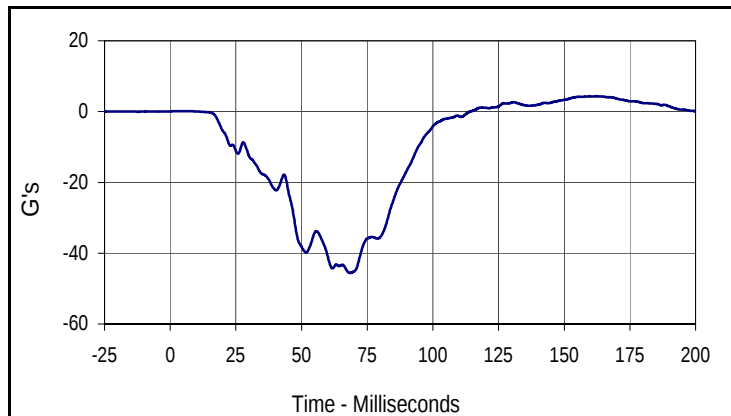
Test Date: 5/7/09
 NHTSA No.: MA5401



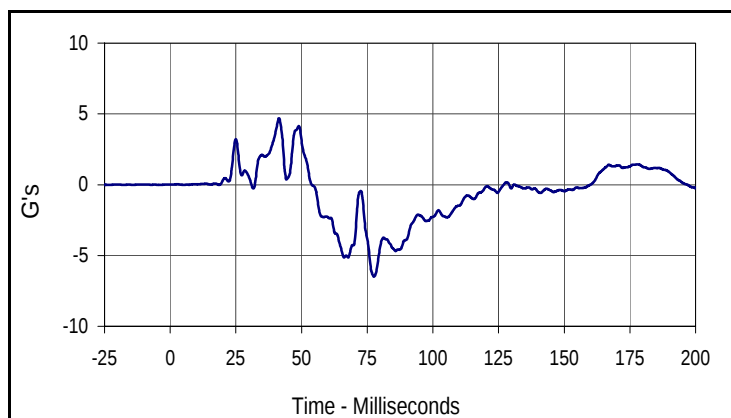
Curve Description			
Passenger Chest Deflection			
CURNO	Type	SAE Class	Units
063	FIL	180	MM
Max	Time	Min	Time
0.0	5.4	-22.8	60.9

Test Vehicle: 2010 Mazda3 I Sport 4-Door Sedan
 Test Program: 56 km/h Frontal Validation Testing

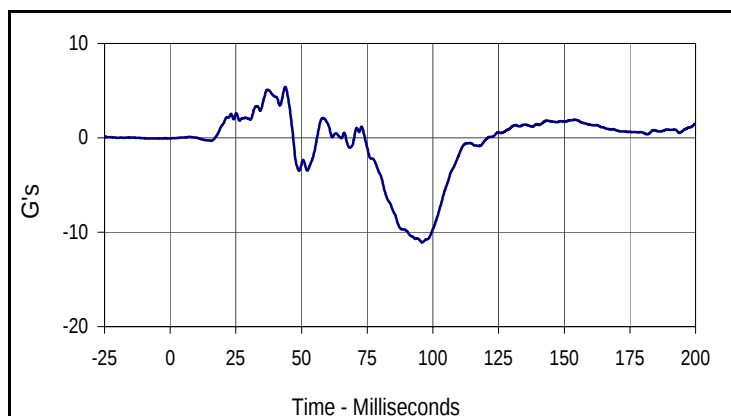
Test Date: 5/7/09
 NHTSA No.: MA5401



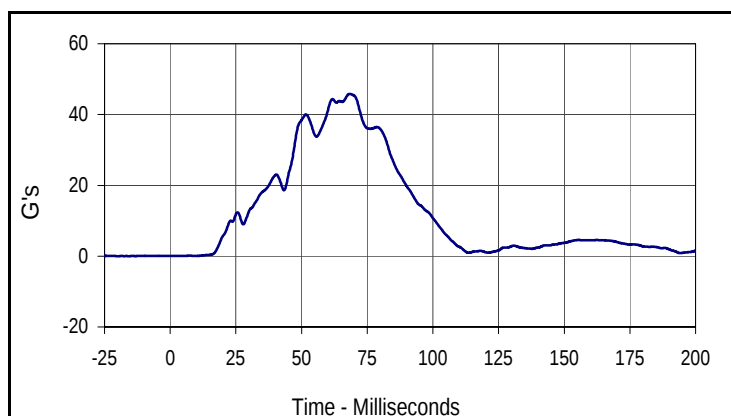
Curve Description			
Passenger Chest Primary X			
CURNO	Type	SAE Class	Units
057	FIL	180	G's
Max	Time	Min	Time
4.3	162.3	-45.6	68.5



Curve Description			
Passenger Chest Primary Y			
CURNO	Type	SAE Class	Units
058	FIL	180	G's
Max	Time	Min	Time
4.7	41.4	-6.5	77.6



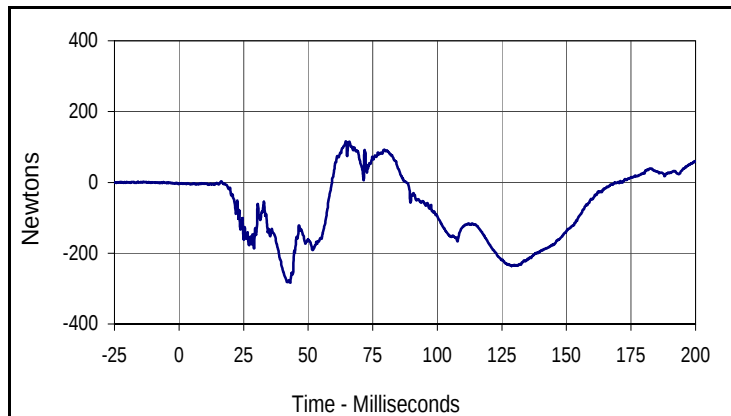
Curve Description			
Passenger Chest Primary Z			
CURNO	Type	SAE Class	Units
059	FIL	180	G's
Max	Time	Min	Time
5.4	43.8	-11.1	95.9



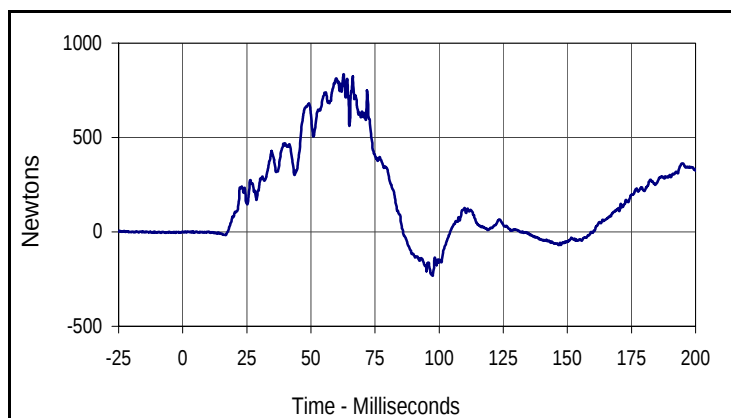
Curve Description			
Passenger Chest Resultant Primary			
CURNO	Type	SAE Class	Units
057	RES	180	G's
Max	Time	Min	Time
45.8	68.3	0.0	10.4

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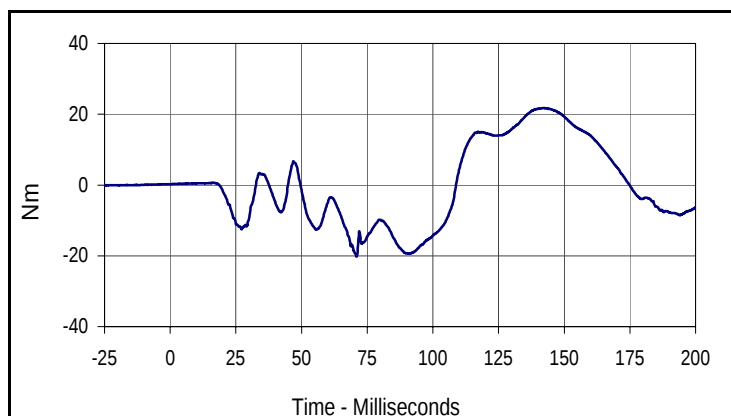
Test Date: 5/7/09
 NHTSA No.: MA5401



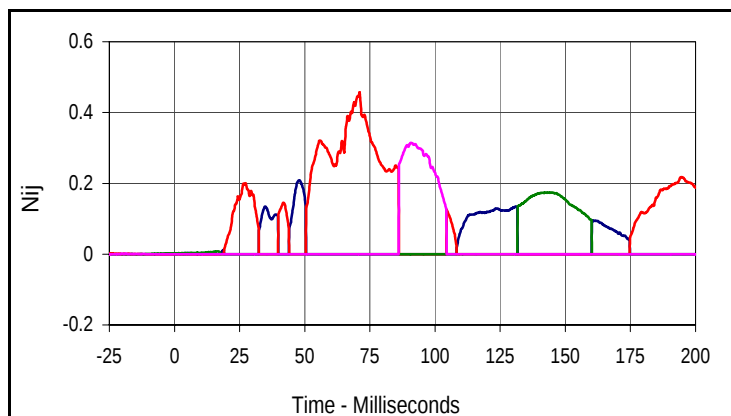
Curve Description			
Passenger Upper Neck Force X			
CURNO	Type	SAE Class	Units
051	FIL	1000	Newtons
Max	Time	Min	Time
115.9	64.6	-283.7	43.0



Curve Description			
Passenger Upper Neck Force Z			
CURNO	Type	SAE Class	Units
053	FIL	1000	Newtons
Max	Time	Min	Time
835.2	62.7	-232.6	97.4



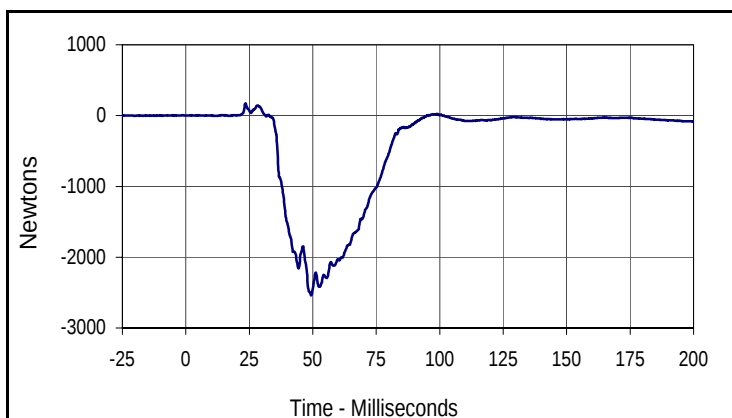
Curve Description			
Passenger Upper Neck Moment Y			
CURNO	Type	SAE Class	Units
055	FIL	600	Nm
Max	Time	Min	Time
21.8	142.4	-20.2	71.0



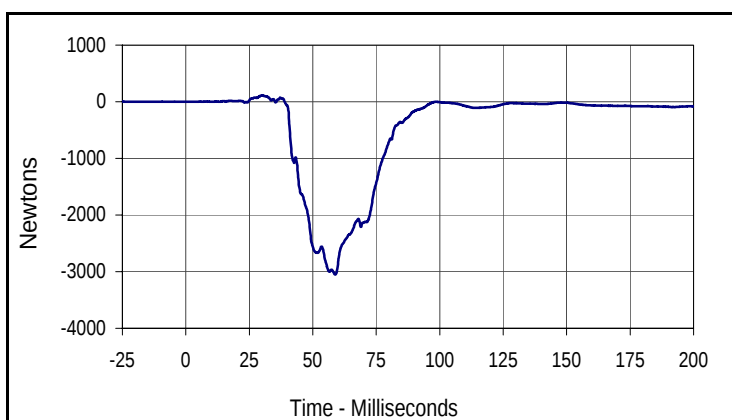
Curve Description			
Passenger Nij			
Units	Type	Max	Time
Ntf	FIL	0.21	47.8
Units	Type	Max	Time
Nte	FIL	0.46	71.0
Units	Type	Max	Time
Ncf	FIL	0.17	143.6
Units	Type	Max	Time
Nce	FIL	0.31	90.8

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Curve Description			
Passenger Left Femur Force Z			
CURNO	Type	SAE Class	Units
067	FIL	600	Newtons
Max	Time	Min	Time
172.3	23.5	-2537.0	49.4



Curve Description			
Passenger Right Femur Force Z			
CURNO	Type	SAE Class	Units
068	FIL	600	Newtons
Max	Time	Min	Time
112.1	30.1	-3049.2	58.8