

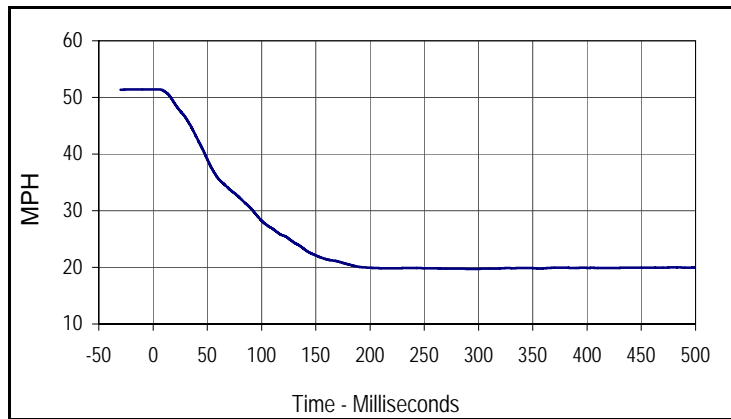
APPENDIX B
INSTRUMENTATION DATA TRACES

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Test Vehicle: 1987 Ford Taurus 4-Dr Sedan
 Test Program: 50 MPH 70% 301 Rear Impact

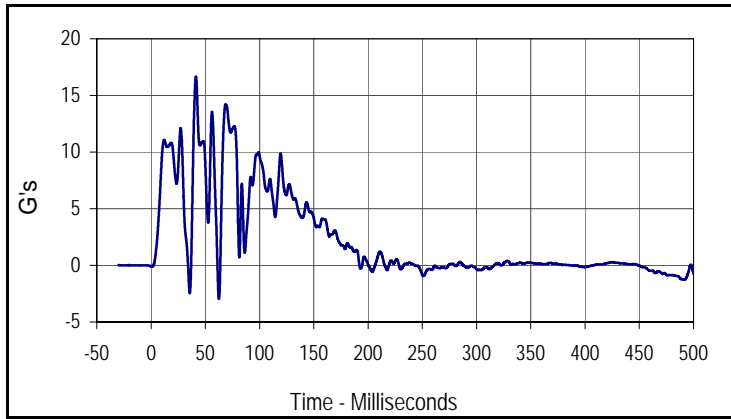
Project No.: P31015-01
 Test Date: 1/14/11



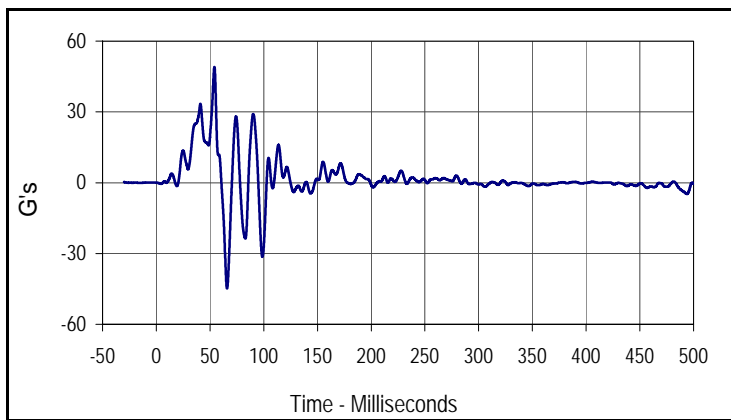
Curve Description			
Bullet Vehicle Center Tunnel X Velocity			
CURNO	Type	SAE Class	Units
005	IN1	180	MPH
Max	Time	Min	Time
51.4	4.3	19.7	297.2

Test Vehicle: 1999 Jeep Grand Cherokee Laredo 5-Dr MPV
 Test Program: 50 MPH 70% 301 Rear Impact

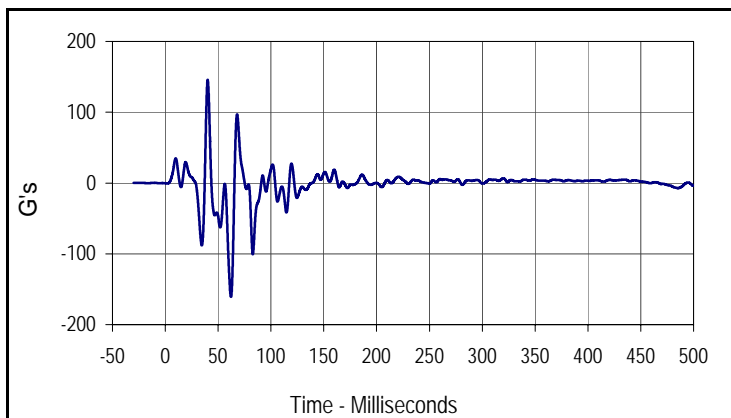
Project No.: P31015-01
 Test Date: 1/14/11



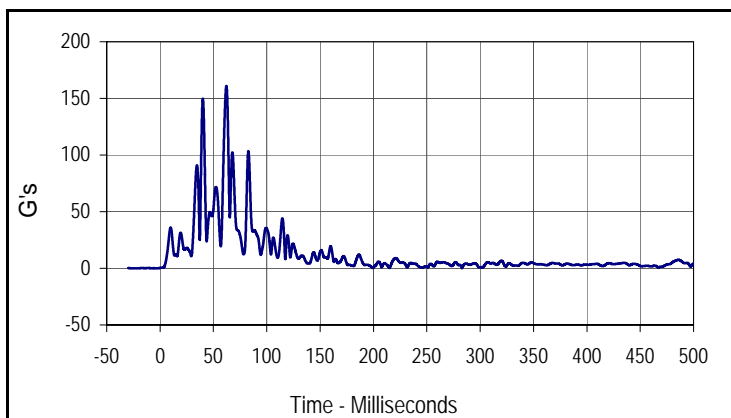
Curve Description			
Target Vehicle Center Tunnel X			
CURNO	Type	SAE Class	Units
006	FIL	60	G's
Max	Time	Min	Time
16.7	41.4	-3.0	62.6



Curve Description			
Target Vehicle Center Tunnel Y			
CURNO	Type	SAE Class	Units
007	FIL	60	G's
Max	Time	Min	Time
49.0	54.1	-44.8	65.8



Curve Description			
Target Vehicle Center Tunnel Z			
CURNO	Type	SAE Class	Units
008	FIL	60	G's
Max	Time	Min	Time
145.7	40.1	-160.7	62.2



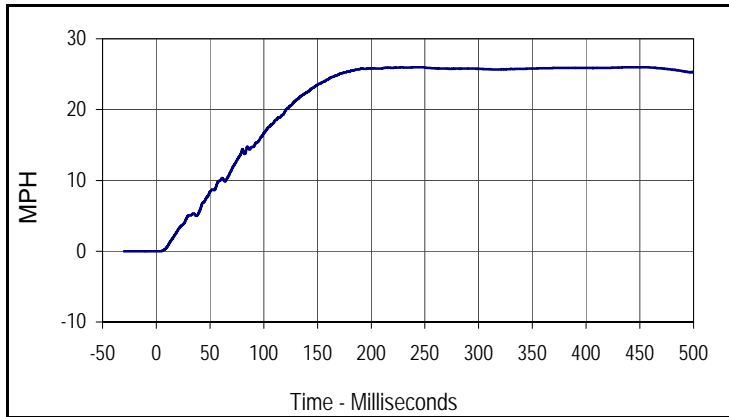
Curve Description			
Target Vehicle Center Tunnel Resultant			
CURNO	Type	SAE Class	Units
009	RES	60	G's
Max	Time	Min	Time
161.1	62.2	0.1	283.0

Test Vehicle: 1999 Jeep Grand Cherokee Laredo 5-Dr MPV

Project No.: P31015-01

Test Program: 50 MPH 70% 301 Rear Impact

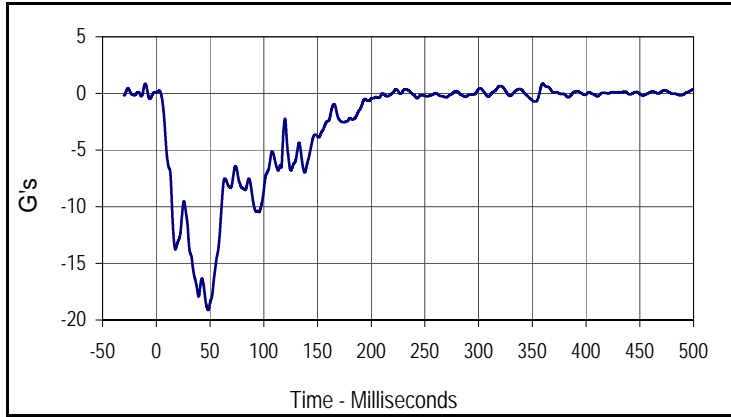
Test Date: 1/14/11



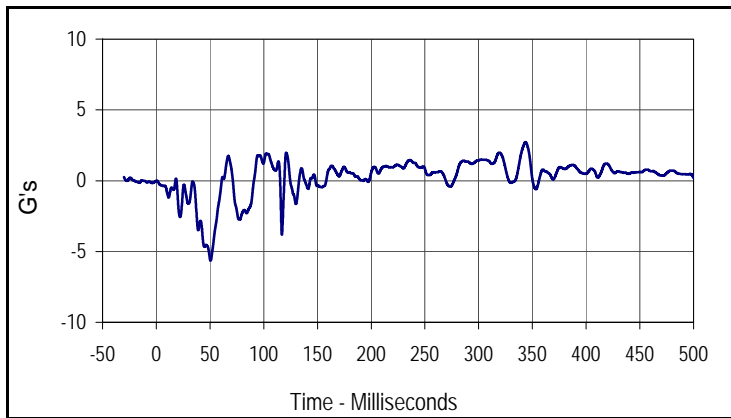
Curve Description			
Target Vehicle Center Tunnel X Velocity			
CURNO	Type	SAE Class	Units
010	IN1	180	MPH
Max	Time	Min	Time
26.0	448.5	0.0	1.3

Test Vehicle: 1987 Ford Taurus 4-Dr Sedan
 Test Program: 50 MPH 70% 301 Rear Impact

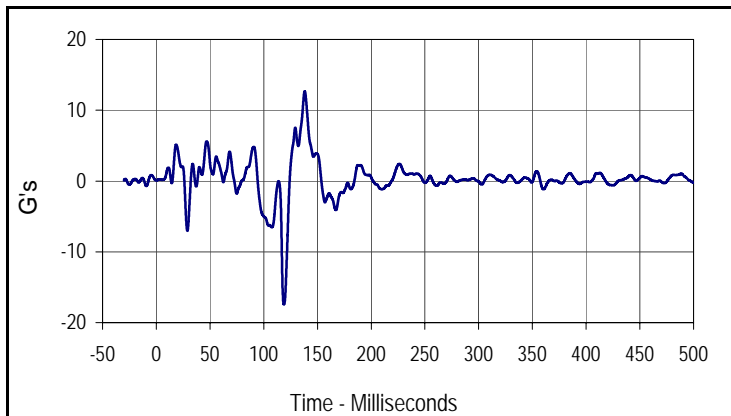
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 Test Date: 1/14/11



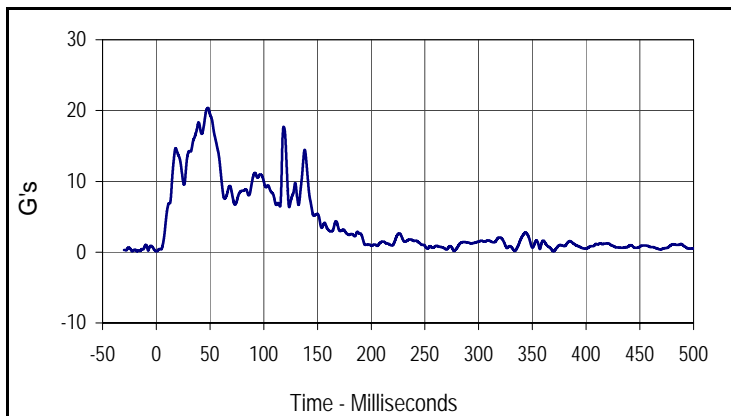
Curve Description			
Bullet Vehicle Center Tunnel X			
CURNO	Type	SAE Class	Units
001	FIL	60	G's
Max	Time	Min	Time
0.9	359.6	-19.1	48.3



Curve Description			
Bullet Vehicle Center Tunnel Y			
CURNO	Type	SAE Class	Units
002	FIL	60	G's
Max	Time	Min	Time
2.7	343.6	-5.6	50.6



Curve Description			
Bullet Vehicle Center Tunnel Z			
CURNO	Type	SAE Class	Units
003	FIL	60	G's
Max	Time	Min	Time
12.7	138.2	-17.4	118.7



Curve Description			
Bullet Vehicle Center Tunnel Resultant			
CURNO	Type	SAE Class	Units
004	RES	60	G's
Max	Time	Min	Time
20.4	48.0	0.1	0.0