

REPORT NUMBER: CAL-08-01

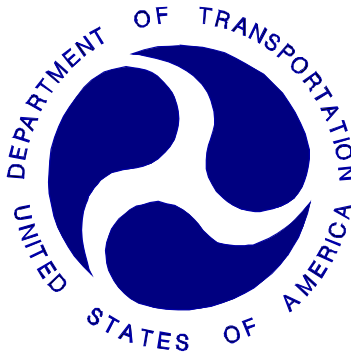
**NEW CAR ASSESSMENT PROGRAM (NCAP)  
FRONTAL BARRIER IMPACT TEST**

FUJI HEAVY INDUSTRIES, LTD.  
2008 SUBARU IMPREZA  
4-DOOR SEDAN

NHTSA NUMBER: M85500

CALSPAN TEST NUMBER: 8806-NCAP-13

CALSPAN CORPORATION  
TRANSPORTATION SCIENCES CENTER  
P.O. BOX 400  
BUFFALO, NEW YORK 14225



September 11, 2007

FINAL REPORT

PREPARED FOR:

U. S. DEPARTMENT OF TRANSPORTATION  
National Highway Traffic Safety Administration  
Rulemaking  
Office of Crashworthiness Standards  
Mail Code: NVS-111  
1200 New Jersey Ave SE, Room W43-410  
Washington, DC 20590



**NCAP Frontal Barrier Impact Test Data Summary**

Vehicle: 2008 Subaru Impreza 4-door Sedan

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NHTSA No: M85500

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Test Date: Septmeber 11, 2007

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Test Speed: 55.84 kph

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Vehicle Test Weight

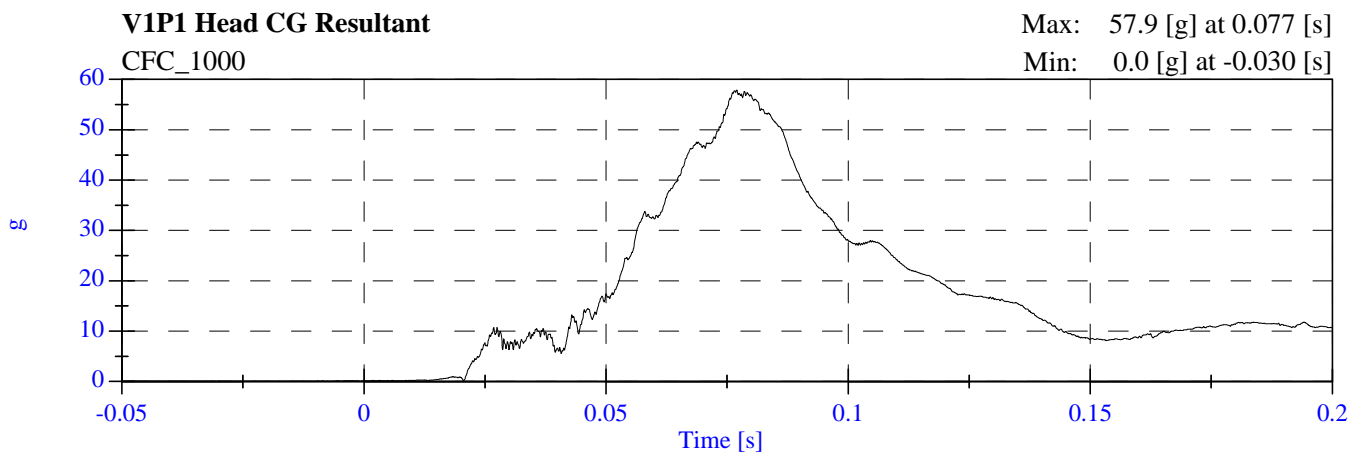
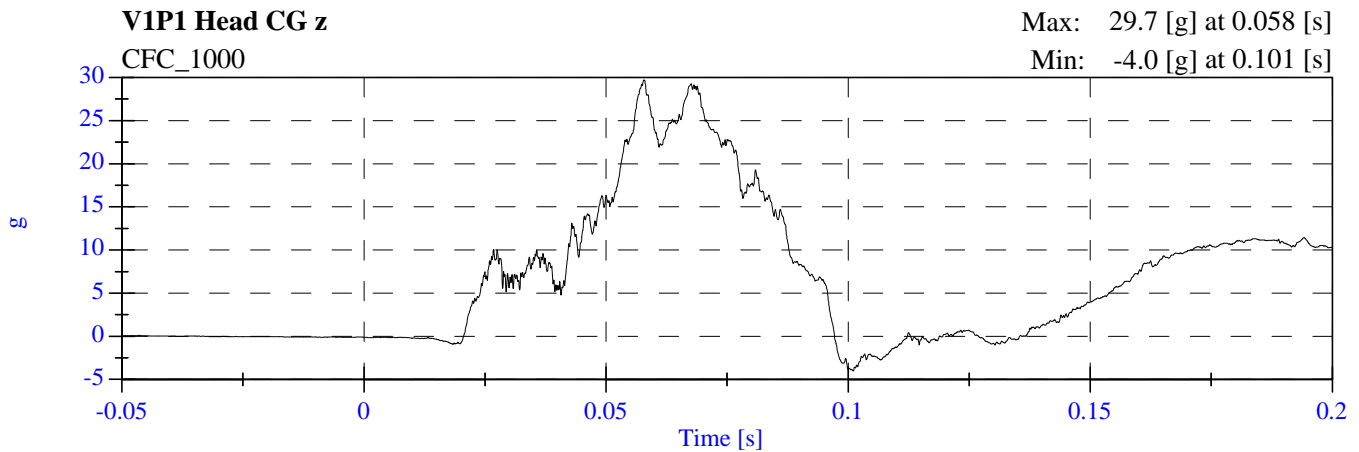
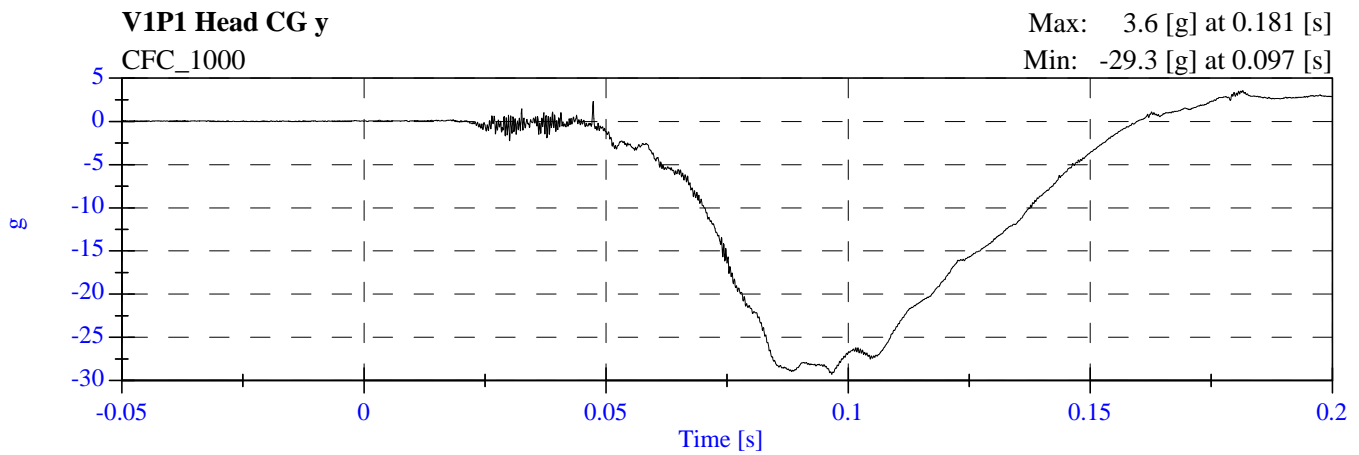
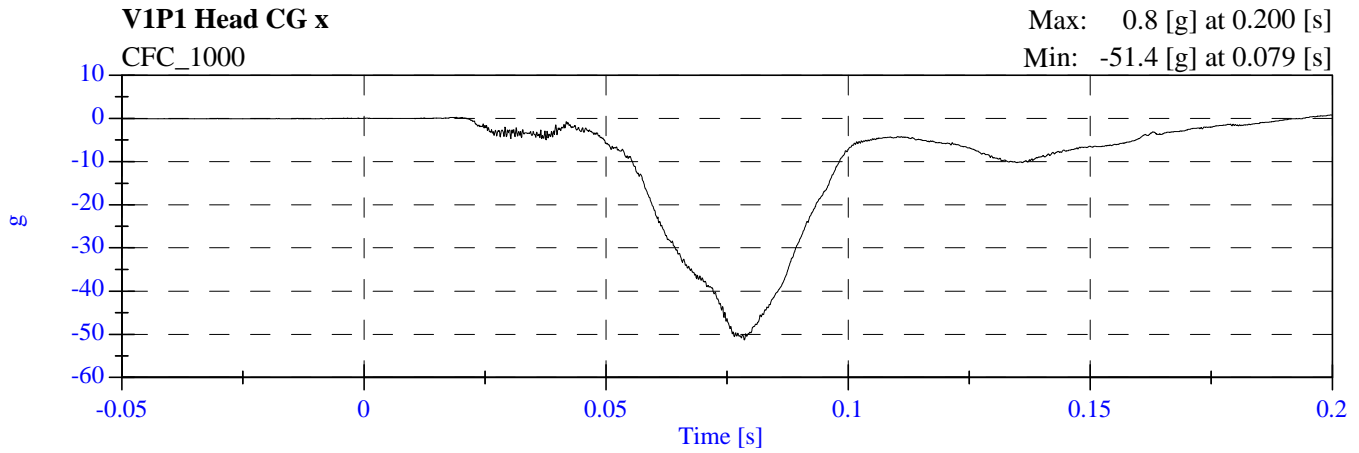
Weight as Delivered: = 1396 kg

Weight as Tested: = 1585 kg

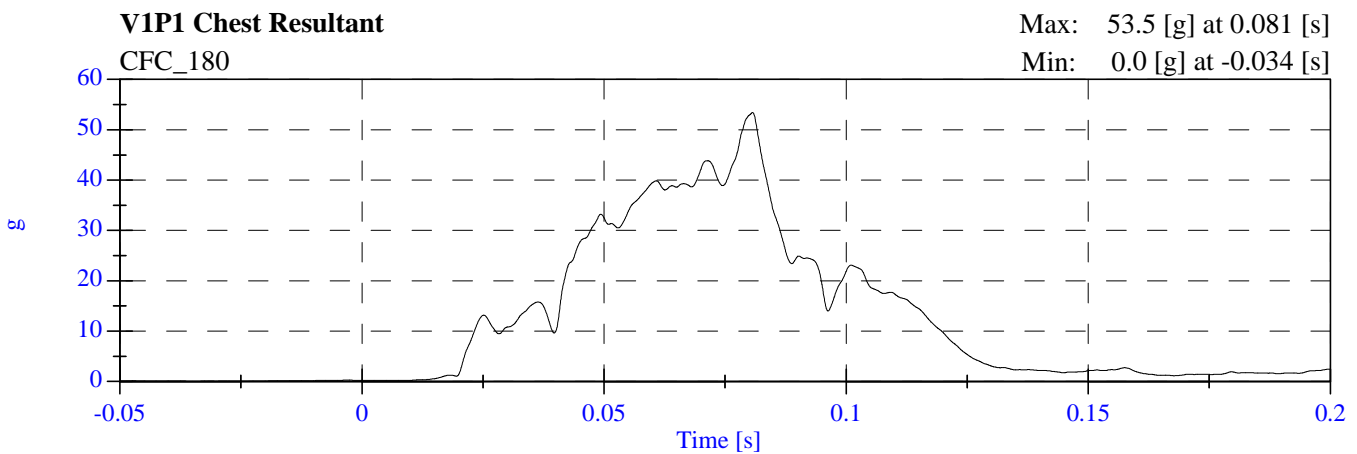
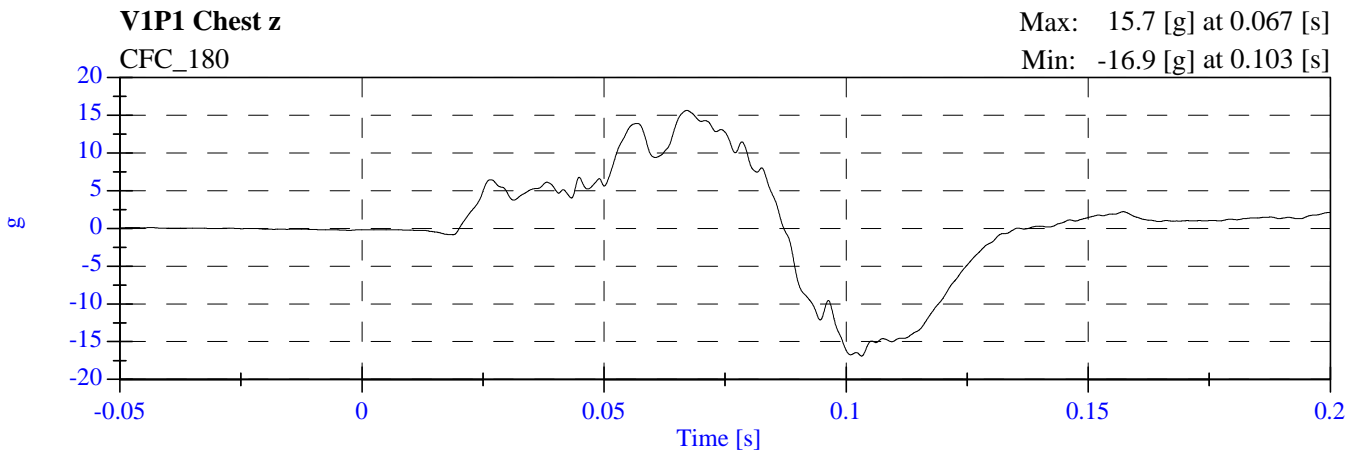
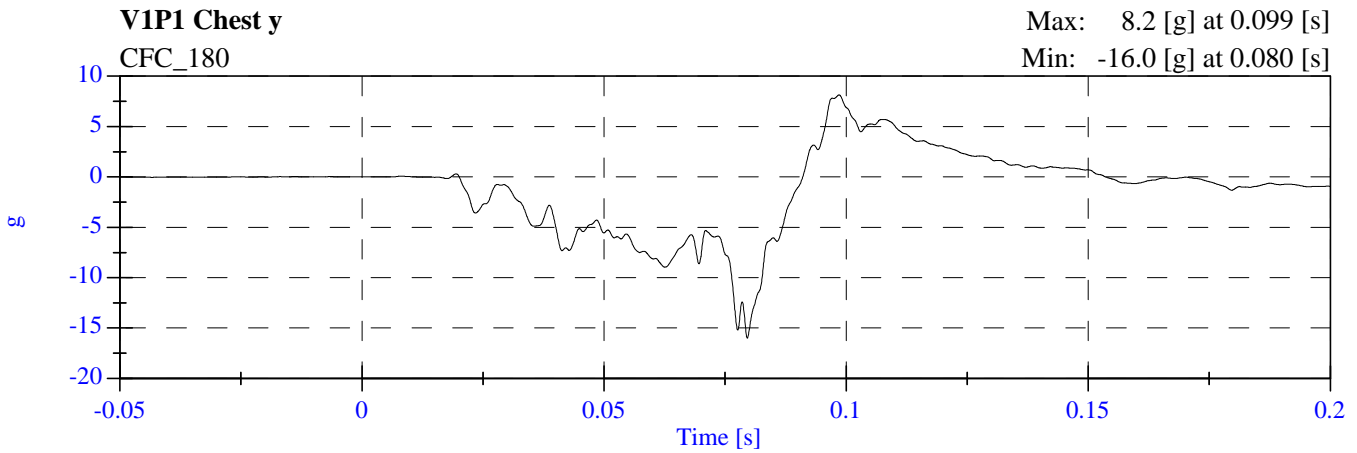
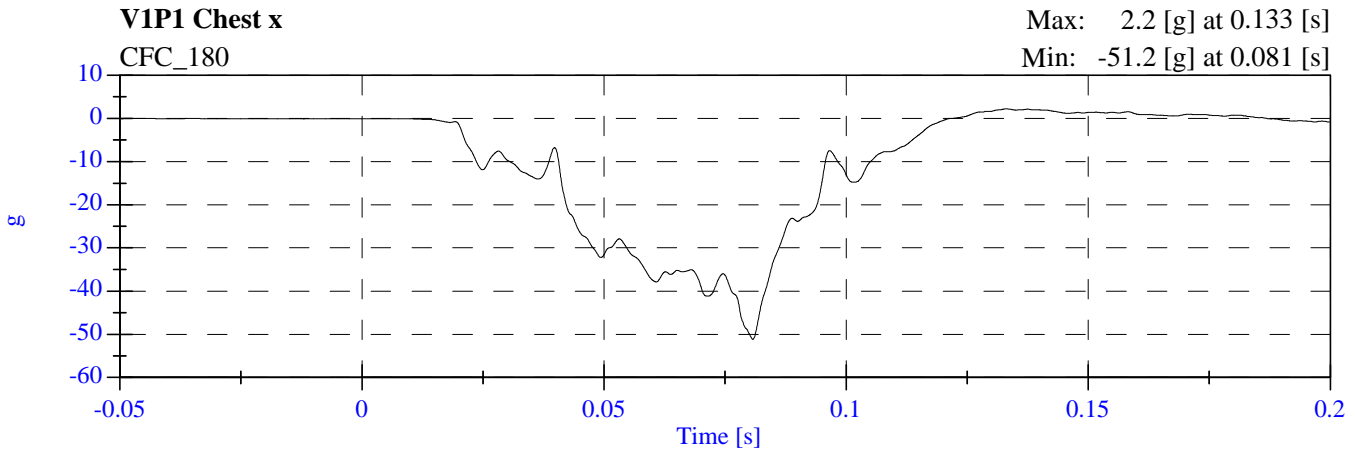
Injury Criteria:

<b>ATD Position</b>	<b>HIC</b>	<b>Clip (g's)</b>	<b>Chest Disp (mm)</b>	<b>Left Femur (N)</b>	<b>Right Femur (N)</b>
<b>Driver (061)</b>	443.2	41.5	23.8	-1484.3	-2023.4
<b>Passenger (064)</b>	278.4	43.2	28.1	-580.6	-2327.6

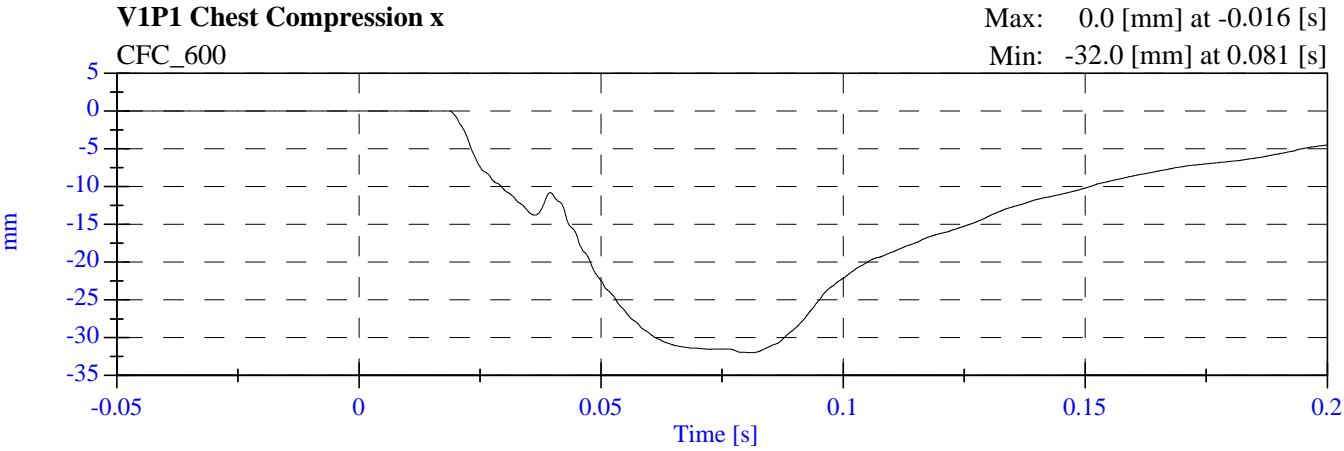
# 2007 NCAP Opt Test 1 2008 Ford Escape F80201 - June 28, 2007



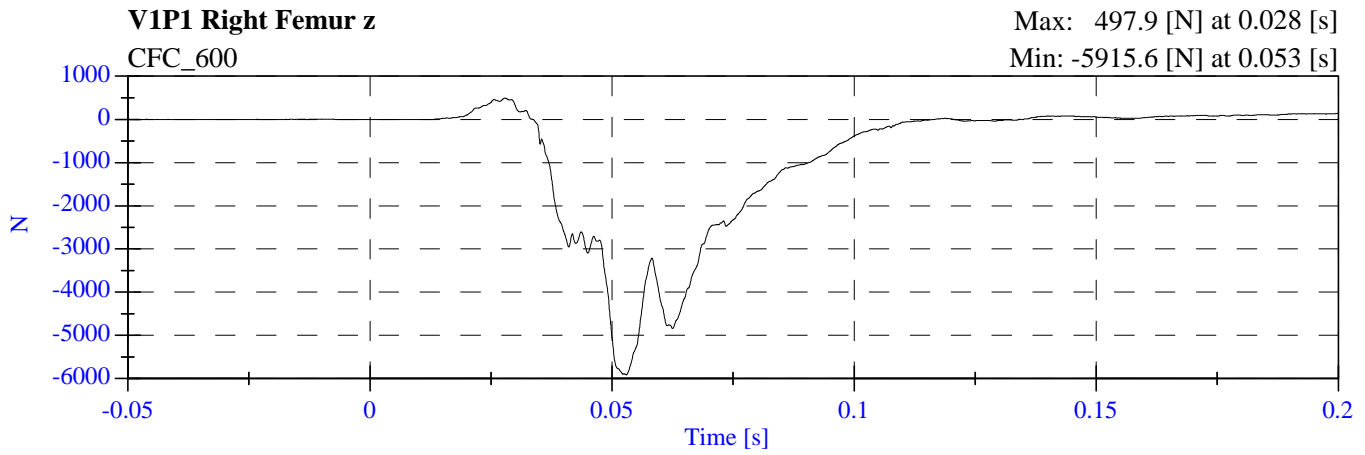
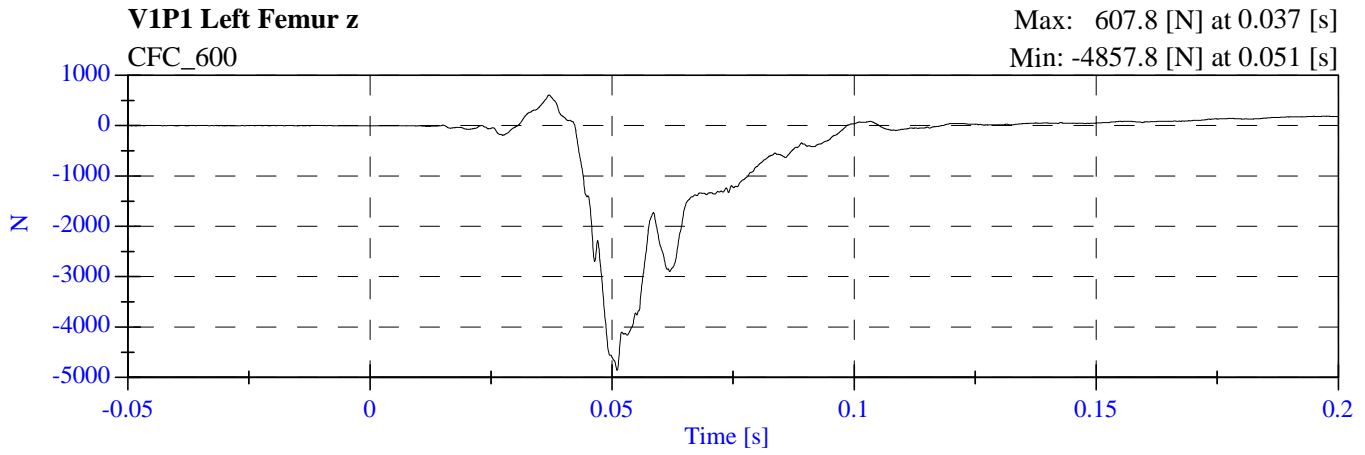
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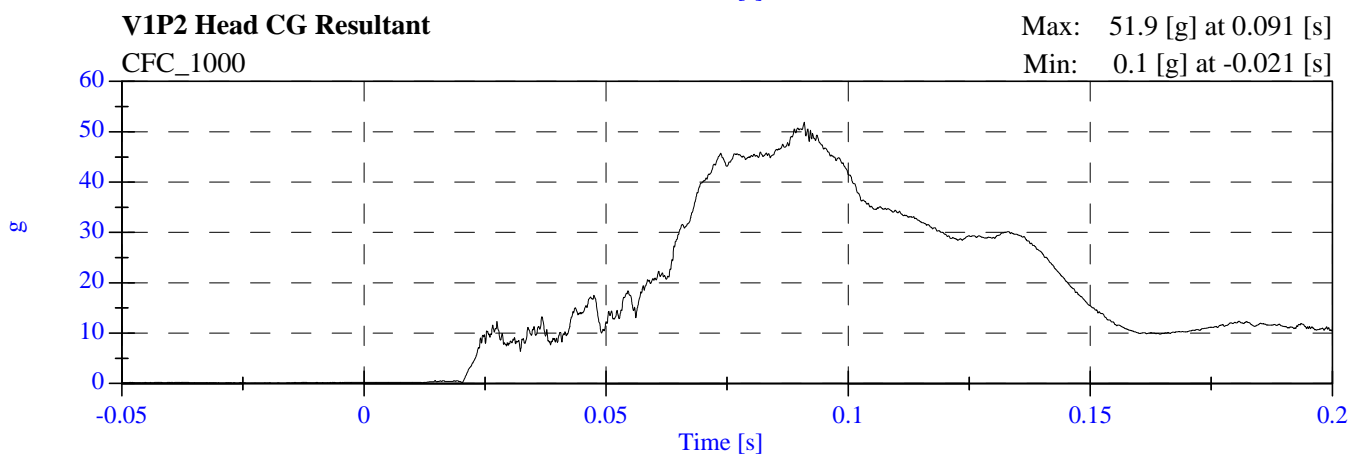
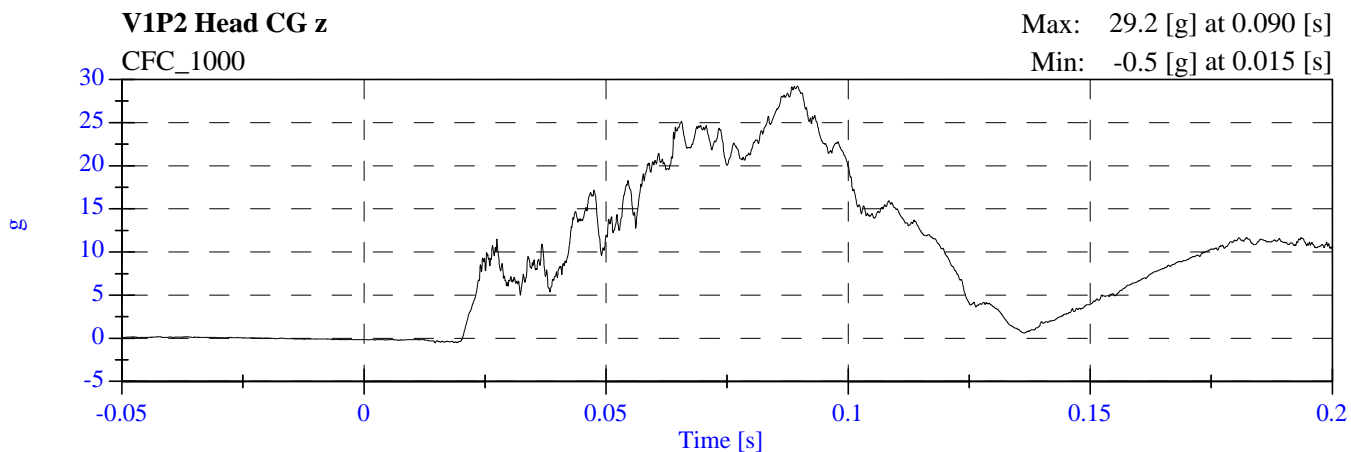
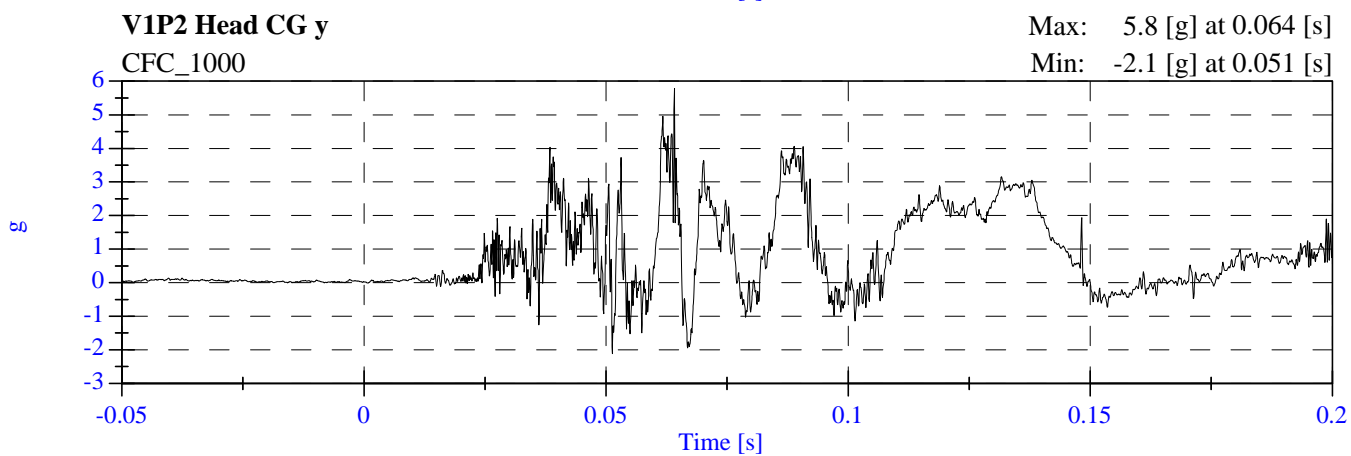
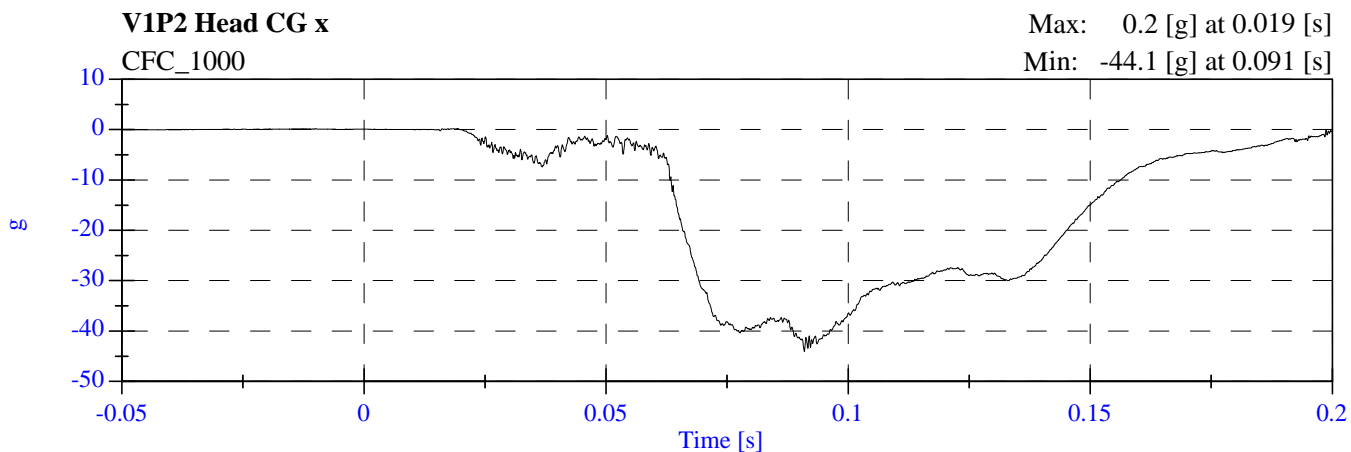
**2007 NCAP Opt Test 1 2008 Ford Escape  
F80201 - June 28, 2007**



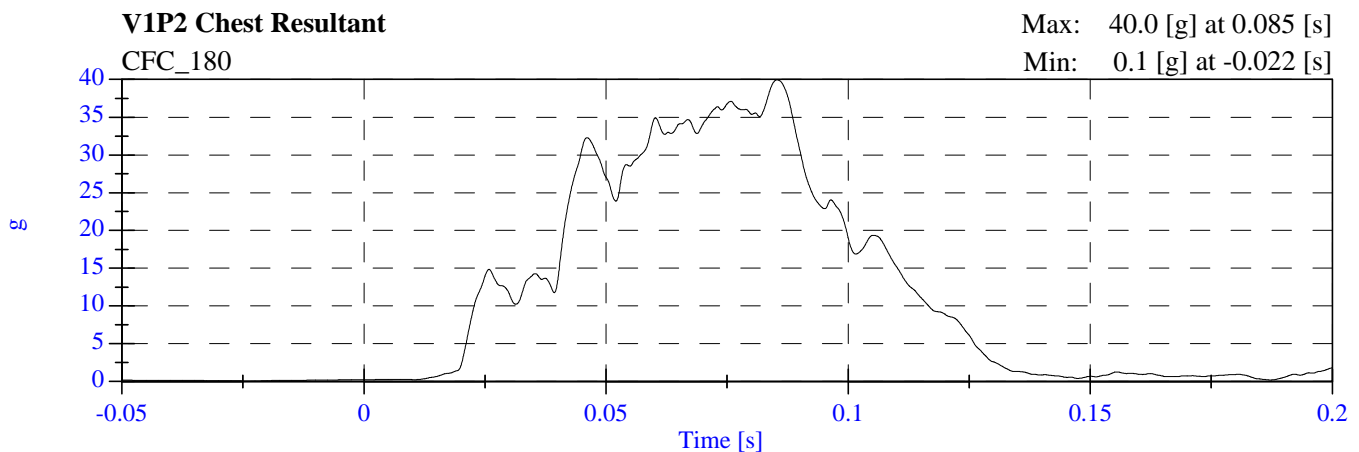
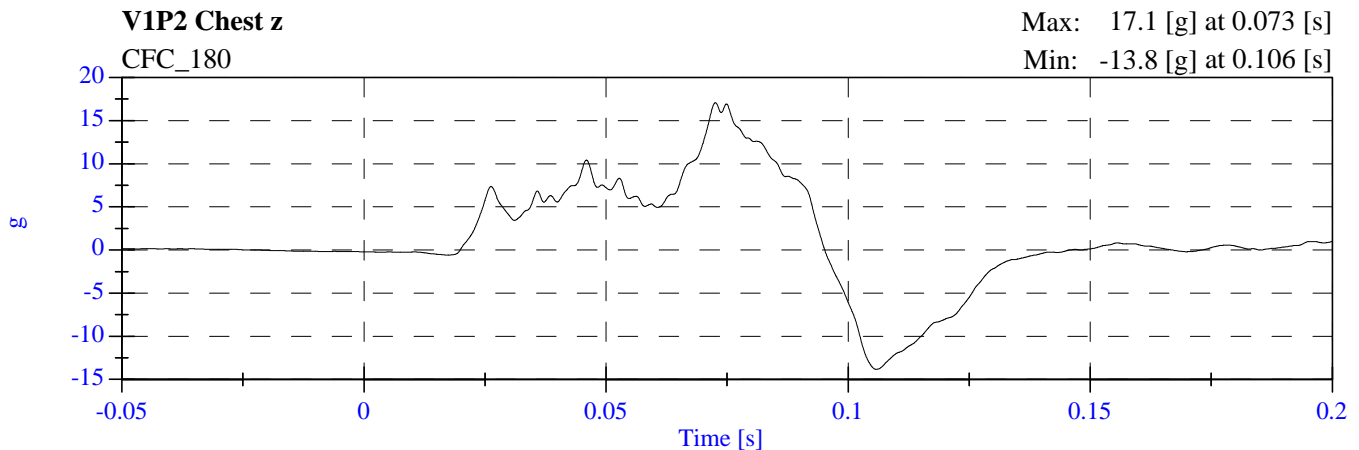
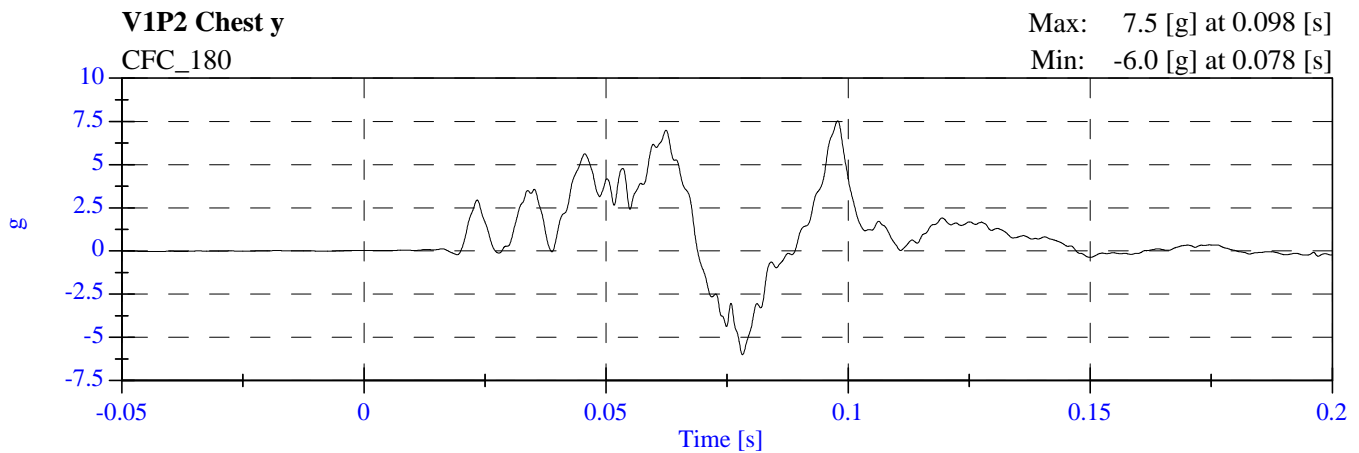
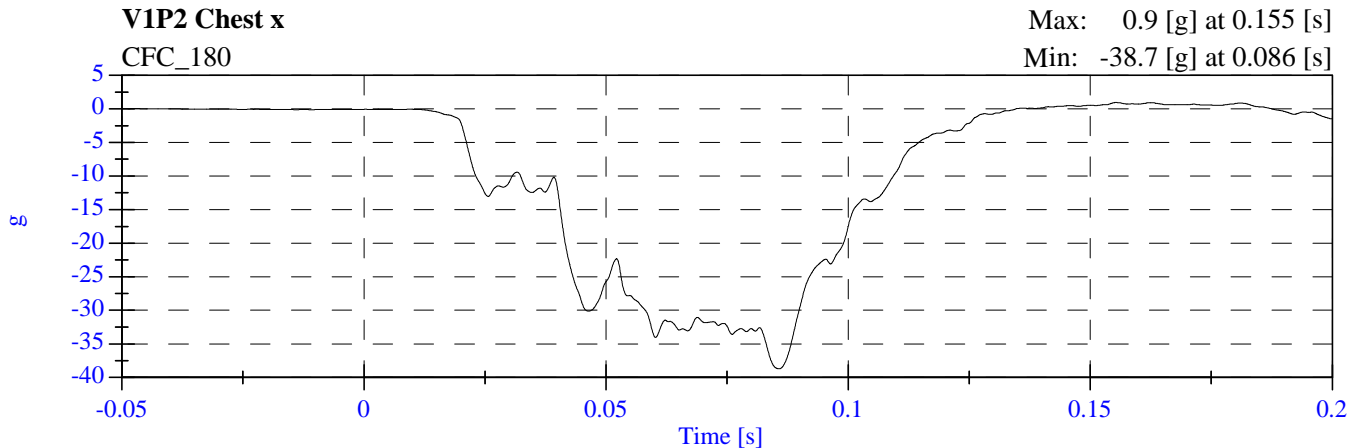
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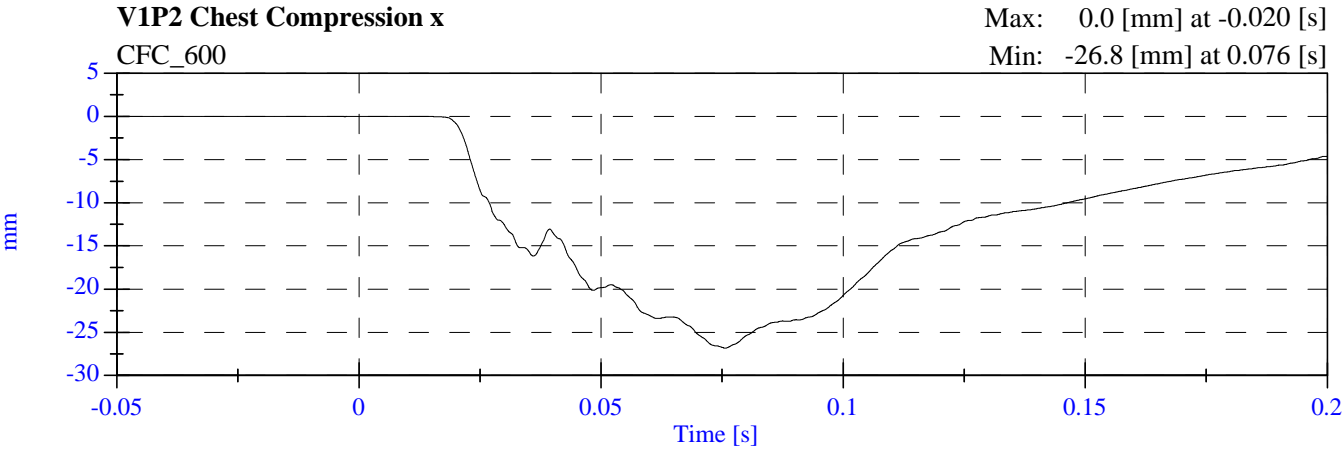
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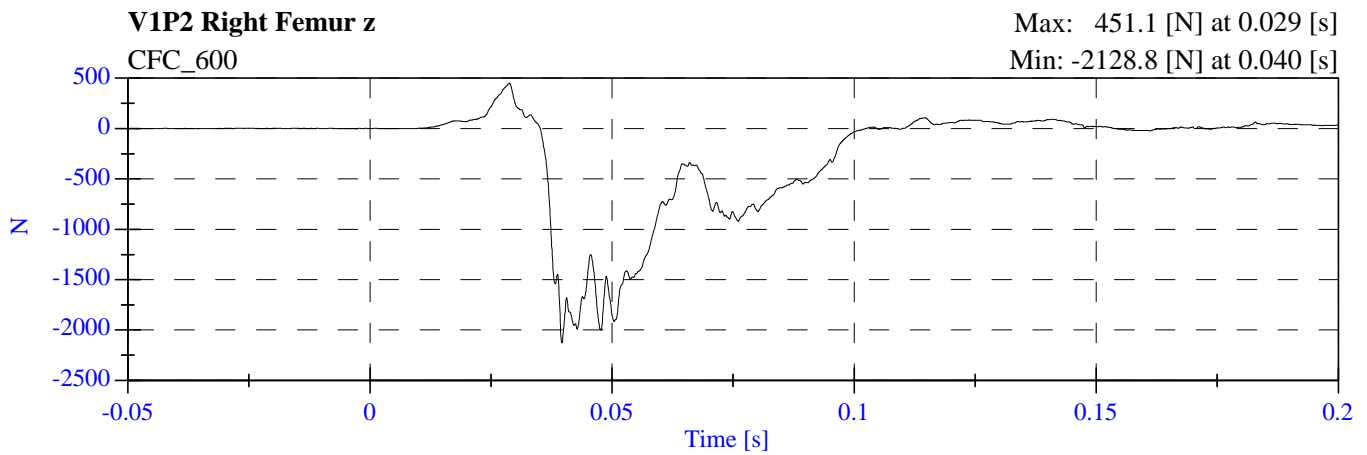
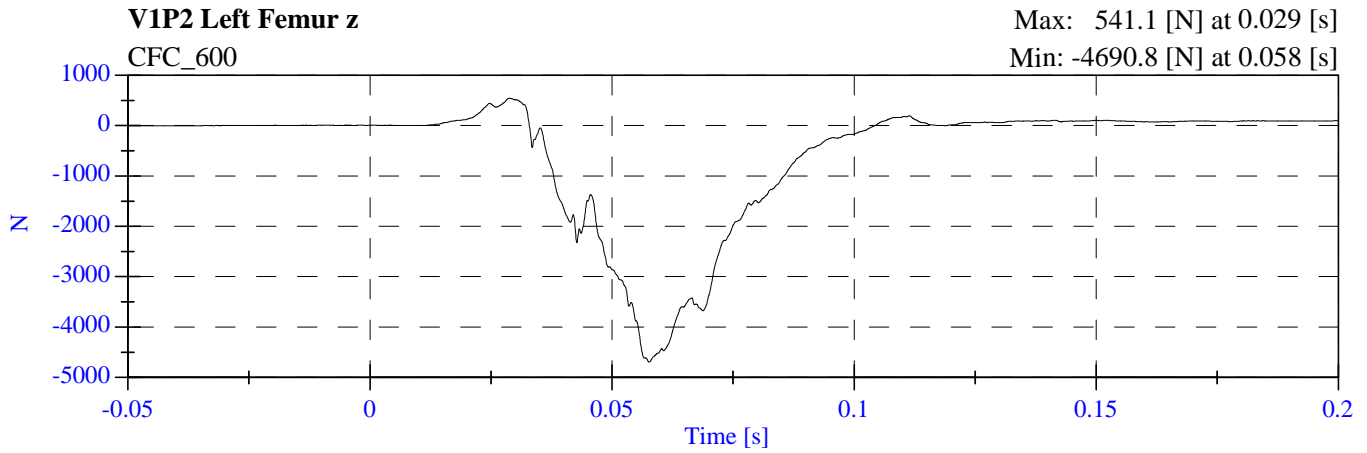
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**Right Front, As Received**



**Left Rear, As Received**