Freedman Seat Base Testing on Transit Chassis

Single CAMLock

	FSTL Final Test Report	Test Facility: FSTL
Test Date: 9/10/2014	Test Procedure: FSTL_Tension	4545 W. Augusta Blvd. Chicago, IL 60651

Description of Item Tested

All test items are obtained according to FSTL procedure LAI-011 unless otherwise noted. All items are tested for compliance with applicable standards, previously reviewed and approved by the party requesting this test, unless otherwise specifically noted:

Fenton installed (3) 1PL rigid 3pt seats [25822] on baseframe [15365] on custom legs in row G in a Fenton Ford Transit Test Buck.

Description of Results

Summary of FSTL_Tension

A force of 3,000 lb shall be applied to each lap and shoulder belt at 10° ± 5° above the horizontal plane. In addition, a force equal to 20 times the system mass was applied simultaneously through the CG of the seating system. The required forces must be reached within 30 seconds from the onset of the test then, when reached must be held for 10 seconds.

Note: Full compliance with FMVSS and its Regulations, as set forth under 49 USC 301, et. seq., can only be achieved through proper in-vehicle testing. Freedman Seating Company, its agents, employees, affiliates and subsidiaries ("Freedman Seating") are not liable for damages resulting from the installation of any seat in a vehicle that has not been FMVSS tested or any installation of a seat that deviates from a FMVSS tested installation method. Freedman Seating has no responsibility for the design of any vehicle in which the subject seat may be placed, or any resulting damages. The results documented in this report relate only to the items tested, as described herein.

Test Opinions and Interpretations

Note: This Test Report is provided solely for the use of the party requesting the same identified below, and for no other person, entity or purpose. This test report shall not be reproduced except in full. Reproductions require written permission of FSTL in each instance.

see page 3 for results

Test Report Reviewed by:	Test Requested By: Scott & Jerry / Fenton Mobility 1209 East 2nd St. Jamestown, NY
Test Report Approved by:	Request Received Date: 7/15/2014

Form Number: 010.06 Form Revision Date: 4/29/2010 Form Approval: Sudha Veerapaneni

Data Sheet

FSTL
4545 w. Augusta Blvd.
Chicago, IL.

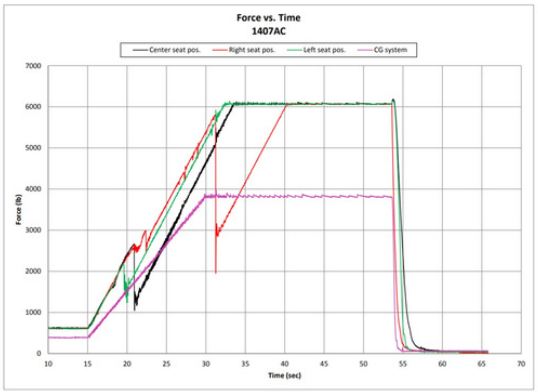
Work Order No.: 1407AC

Requirements for compliant test.	Yes/ No / N/A
Test artifact reached loads within 30 seconds	yes
Test artifact sustained loads for 10 seconds or more.	yes
Seat frame released from it's adjusted position?	n/a
Seat frame or seat adjusters detach from the test platform/vehicle?	no
Seat frame detaches from seat adjuster mechanism?	n/a
Seat adjuster separates?	n/a

Pass/Fail
PASS

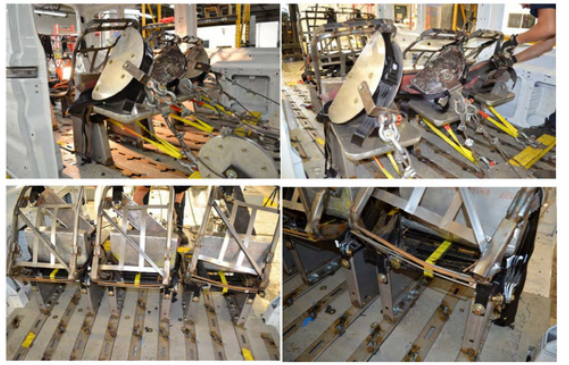
Notes:

n/a



Pre-Test Photos.

Post-Test Photos



Freedman Seat Base Testing on ProMaster Chassis

Single CAMLock

Work Order No.: 1407AG Page 1 of 23

FSTL Final Test Report

Test Date:	Test Procedure:	Test Facility: FSTL 4545 W. Augusta Blvd. Chicago, IL 60651
9/3/2014	FSTL_Tension	

Description of Item Tested

All test items are obtained according to FSTL procedure LAI-011 unless otherwise noted. All items are tested for compliance with applicable standards, previously reviewed and approved by the party requesting this test, unless otherwise specifically noted:

Fenton installed (3) 1PL rigid 3pt seats [25822] on baseframe [15365] on custom legs in row 1 in a Fenton Dodge Promaster Test Buck.

Description of Results

Summary of FSTL_Tension

A force of 3,000 lb shall be applied to each lap and shoulder belt at 10° ± 5° above the horizontal plane. In addition, a force equal to 20 times the system mass was applied simultaneously through the CG of the seating system. The required forces must be reached within 30 seconds from the onset of the test then, when reached must be held for 10 seconds.

Note: Full compliance with FMVSS and its Regulations, as set forth under 49 USC 301, et. seq., can only be achieved through proper in-vehicle testing. Freedman Seating Company, its agents, employees, affiliates and subsidiaries ("Freedman Seating") are not liable for damages resulting from the installation of any seat in a vehicle that has not been FMVSS tested or any installation of a seat that deviates from a FMVSS tested installation method. Freedman Seating has no responsibility for the design of any vehicle in which the subject seat may be placed, or any resulting damages. The results documented in this report relate only to the items tested, as described herein.

Test Opinions and Interpretations

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see page 2 for results

Test Report Reviewed by:	Test Requested By: Scott & Jerry / Fenton Mobility 1209 East 2nd St. Jamestown, NY
Test Report Approved by:	Request Received Date: 7/15/2014

Form Number: 010.06 Form Revision Date: 4/29/2010 Form Approval: Sudha Veerapaneni

Work Order No.: 1407AG Page 2 of 23

Data Sheet

FSTL
4545 w. Augusta Blvd.
Chicago, IL.

Work Order No.: 1407AG

Requirements for compliant test.	Yes/ No / N/A
Test artifact reached loads within 30 seconds	yes
Test artifact sustained loads for 10 seconds or more.	yes
Seat frame released from it's adjusted position?	n/a
Seat frame or seat adjusters detach from the test platform/vehicle?	no
Seat frame detaches from seat adjuster mechanism?	n/a
Seat adjuster separates?	n/a

Pass/Fail PASS

Notes: n/a

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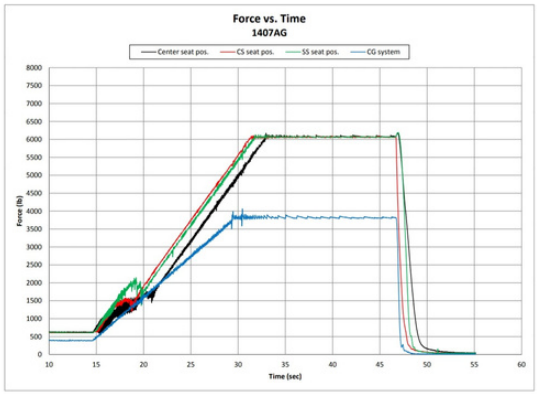

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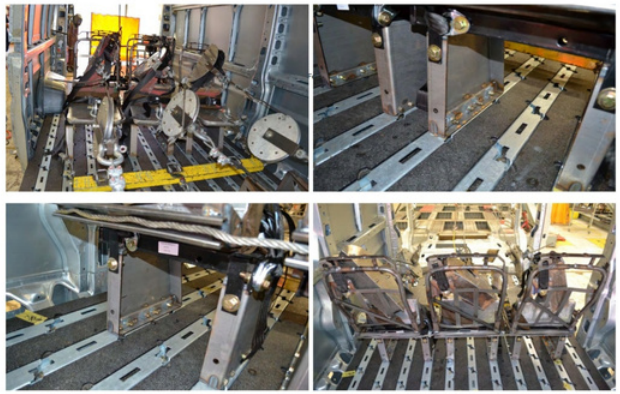
Pre-Test



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Post-Test