





6868 Acco Street Montebello, CA 90640 (323)725-1243 ● (800)842-0590 ● Fax (323)725-1259

November 29, 2006

Subject: Product Safety

Our letter of November 10, 2006 addressed your possible concerns regarding a recent product recall by GM. In that letter, we set forth Katzkin's remarkable history regarding quality, safety, testing, FMVSS compliance, and OEM approval. We encourage you to read that letter to obtain important details on these topics.

For twenty-four years, Katzkin has taken a proactive approach to safety and testing. The results speak for themselves, as we have literally sold hundreds of thousands of interiors without a single reported safety incident. Despite this extraordinary record, we are not resting on our laurels. We responded to the recent GM announcement immediately by initiating additional testing of our products. Just last week, MGA Research Corporation, an independent testing laboratory approved by the National Highway Traffic Safety Administration, conducted additional safety tests on Katzkin Leather interiors. These tests were performed on the Chevrolet Trailblazer and the Chevrolet Suburban. We selected these specific vehicles for testing because their interiors are shared by multiple GM vehicles, including Silverado, Sierra, Avalanche, Suburban, Envoy, and Tahoe. The Katzkin Leather interiors passed every test, verifying that our products DO NOT interfere with the proper operation of the vehicle safety systems. We are pleased to share these test results with you and with your dealers. Please ask your Katzkin sales representative to provide our complete safety and testing package for your review.

All of us at Katzkin are committed to being the best in class. For this reason, we maintain \$51 million in product liability insurance coverage from the highest rated U.S. insurance company; we offer a 3-year 36,000 mile warranty; we operate a manufacturing facility with an ISO 9001:2000 quality management system certified by Underwriters Laboratories; and we are the only supplier of aftermarket interiors to be OEM approved for installation in vehicles with advanced airbag technology. Behind every Katzkin interior there are 447 employees working around the clock to provide the best in quality and safety. Our combined efforts have produced a record that is unsurpassed in the industry.

Sincerely,

Mitchell Katz CEO

Brooks M.

Brooks Mayberry President





6868 Acco Street Montebello, CA 90640 (323)725-1243 • (800)842-0590 • Fax (323)725-1259

November 10, 2006

Subject: Product Safety

Dear Valued Restyler,

We are aware that you may have concerns regarding a product recall announced last week by General Motors. That recall relates to GM's installation of aftermarket leather interiors in a group of used vehicles sold by GM at auction. Those interiors were supplied to GM by three different manufacturers of aftermarket leather interiors. With this letter, we would like to address any concerns you may have regarding this recall and to assure you of our continuing commitment to quality, safety, and testing.

Over the course of our 24 years in business, Katzkin has taken a proactive stance on safety matters, especially relating to airbags and occupant classification systems. With the introduction of side impact airbags in 1996, we initiated independent testing of our products. Since that time, we have continually performed both internal and external testing to ensure that our interiors meet and exceed the highest standards. Over the years, we have sold hundreds of thousands of interiors without a single reported airbag incident. We are proud of that record, and we are determined to sustain it.

Our proactive approach to safety has paid off. In 2005, we were approved by Daimler Chrysler Corporation (DCX) as the only authorized supplier of aftermarket leather interiors for vehicles with Occupant Detection Systems. In 2006, DCX conducted further testing, and determined that our interiors performed to a much broader set of physical standards that apply to all original factory interiors. Meanwhile, we engaged the services of MGA Research Corporation, an independent testing laboratory approved by the National Highway Traffic Safety Administration, to conduct further airbag and OCS testing on our products. Our leather interiors passed all of those tests.

Because we understand your concerns on this topic, we maintain \$51 million in product liability insurance coverage from the highest rated U.S. insurance company; we offer a 3-year 36,000 mile warranty; and we operate a manufacturing facility with an ISO 9001:2000 quality management system that is certified by Underwriters Laboratories. We encourage you to contact your Katzkin sales representative to discuss these matters in greater detail and to obtain our considerable documentation package.

You can depend on Katzkin to provide the best in safety and quality, and you can install our interiors with the confidence that Katzkin is the only aftermarket supplier with OEM approval for vehicles with Advanced Airbag Technology.

Mitch Katz Founder and C.E.O.

Brooks Mayberry President

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OF

# Katzkin Leather, Inc.

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# 6868 Acco Street Montebello, CA 90640

Underwriters Laboratories Inc.® (UL) issues this certificate to the Firm named above, after assessing the Firm's quality system and finding it in compliance with

# ISO 9001:2000

EN ISO 9001:2000; BS EN ISO 9001:2000; ANSI/ASQ Q9001:2000

for the following scope of registration

3714 (US) : Motor Vehicle Parts and Accessories

The design and manufacture, including the management of subcontracted manufacturing activities of ready to install seat covers and related accessories for motor vehicles.

Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2000 requirements may be obtained by consulting the organization.

This quality system registration is included in UL's Directory of Registered Firms and applies to the provision of goods and/or services as specified in the scope of registration from the address(es) shown above. By issuance of this certificate the firm represents that it will maintain its registration in accordance with the applicable requirements. This certificate is not transferable and remains the property of Underwriters Laboratories Inc. ®.

File Number: A11401

Volume: 1

Original Certification Date: November 20, 2002 ISO 9001:2000 Issue Date: November 20, 2002 Revision Date: May 31, 2006 Renewal Date: November 24, 2008

Sh A Sch St

John H. Schmidt Vice President and Chief Development Officer





## Katzkin Leather Inc. Warranty

Your authorized dealer has selected and installed the finest handcrafted top grain leather/vinyl interior available in the aftermarket. Please accept our compliments on your selection for your new car equipped with Katzkin's Leather package. Our designers and craftsmen have methodically tailored your vehicle's interior to conform to the manufacturer's requirements. We have carefully selected the finest automotive grade leather hides designed to meet or exceed the manufacturer's original specifications. We are confident you will appreciate the luxury and comfort offered by our leather interior upgrade developed with your discriminating taste in mind for years to come.

#### **Limited Warranty**

This warranty is valid only on **KATZKIN LEATHER INC.** products purchased and used in the United States of America. This warranty is made solely by **KATZKIN LEATHER INC.** and is explicitly limited to the original consumer.

#### Obligations

**KATZKIN LEATHER INC.** warrants its leather/vinyl interiors to be free from defects in workmanship and material when used under regular conditions for a period of three years or 36,000 miles, whichever occurs first. This warranty will not apply as a result of improper installation, alteration, unauthorized repair, abuse, or accident. The purchaser will have no entitlement to recuperate from **KATZKIN LEATHER INC.** or any **KATZKIN LEATHER INC.** dealer, any consequential damages losses or expenses for loss of use, loss of time, loss of profits or income or any other incidental damages arising directly or indirectly from a warranted claim involving this product. This exclusive obligation of this warranty shall be limited to repair any accepted any accepted defective workmanship or material, or, at the discretion of **KATZKIN LEATHER, INC.**, to replace it with comparable product.

#### **Exclusions**

This warranty does not apply to claims for abrasions, scuffs, scratches, cuts or abusive and excessive wear. **KATZKIN LEATHER INC.** will not be held responsible for color dye lot variations in connection with any authorized warranty claims. The application of silicone based products and or harsh chemicals can damage or destroy the surface and structure of your leather interior. **KATZKIN LEATHER INC.** recommends the application of mild detergent and water to remove any soil from the surface of your leather. The surface should then be wiped clean with a soft cloth. Use of silicone based products will void this warranty.

**KATZKIN LEATHER INC.** reverses the right to alter, modify or discontinue products without any obligation in regards to products previously offered.

To obtain warranty repair or replacement: present warranty claim to authorized dealership. Any product to be sent to **KATZKIN LEATHER INC.** for repair or replacement must be preauthorized. All warranty claims are at the discretion of **KATZKIN LEATHER INC.** 

This warranty gives you specific legal rights to the original customer. Other rights may vary state to state, so above information or exclusions may not apply to you. This written limited warranty is the only warranty authorized and accepted by **KATZKIN LEATHER INC.** 

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AUTHENTIC PERFORMANCE

Katzkin



# YOUR CUSTOMERS WILL LOVE WEARING KATZKIN

## Exclusive Kits for Most OCS-Equipped Dodge, Chrysler and Jeep Vehicles

Mopar and Katzkin Leather Interiors, Inc., have come together to create a unique custom leather seating program for enthusiasts who want to express their individuality. Available exclusively through Chrysler, Dodge and Jeep dealers, Katzkin high-quality leather seats are developed using the latest CAD design technology. They come in over 50 color choices, and carry a 3-year/36,000-mile limited warranty when installed.

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# **CUSTOM LEATHER SEATING PACKAGES FROM KATZIN**

The installation of unauthorized aftermarket seat upholstery can pose a serious risk of immobilization or damage to the Occupant Classification System (OCS) of a vehicle. To remove this risk, Katzkin and Chrysler Engineering worked closely to develop a complete line of OCS compliant seating packages. As a result, Katzkin leather seats can be installed in following vehicle families equipped with OCS: HB (Durango), LX (Magnum, Charger, 300), ND (Dakota), WK (Grand Cherokee), and XK (Commander). (Katzkin

seats can also be installed in any Chrysler Group vehicle not equipped with OCS.)

Chrysler 300 owners may be especially interested in the exclusive Katzkin DUB Edition seating package. For the ultimate in luxury, each seat is outfitted with Katzkin's premier Tuscany leather and Suedezkin accents with an embroidered DUB Edition logo. Show your best customers how they can turn their 300 into a DUB Edition 300 when they install exclusive Katzkin DUB Edition seats.

### The following Katzkin seating packages are all OCS compliant and approved for use by Chrysler Engineering:

LTHROCS1DI	1-row deluxe, installed	LTHROCS2PI	2-row premium, installed
LTHROCS1DU	1-row deluxe, uninstalled	LTHROCS2PU	2-row premium, uninstalled
LTHROCS1PI	1-row premium, installed	LTHROCS3D1	3-row deluxe, installed
LTHROCS1PU	1-row premium, uninstalled	LTHROCS3DU	3-row deluxe, uninstalled
LTHROCS2D1	2-row deluxe, installed	LTHROCS3PI	3-row premium, installed
LTHROCS2DU	2-row deluxe, uninstalled	LTHROCS3PU	3-row premium, uninstalled

DUB

LEATHER4PI Chrysler 300 DUB Edition, installed LEATHER4PU Chrysler 300 DUB Edition, un-installed

MOPPER



mga research corporation

## MGA RESEARCH CORPORATION FMVSS 208 SUPPRESSION KATZKIN LEATHER CHEVY SUBURBAN FACTORY TRIM





# mga research corporation

### **TEST REPORT**

MGA REPORT NO.:	C0717-009.1C
TEST (S) PERFORMED ON:	November 22, 2006
TEST DESCRIPTION:	FMVSS 208 - Suppression
ITEM DESCRIPTION:	One (1) Chevy Suburban Manual Seat w/Factory Trim
PROCEDURE NUMBER:	MGATP208 – 12SUP_DS14.doc Last revision date: 09/15/03
TEST REFERENCE NUMBER (S):	SU6614 – SU6631
TEST LABORATORY:	MGA Research Corporation 446 Executive Drive Troy, Michigan 48083
SUBMITTED TO:	Kirk Scott Vice President, OEM Sales

Vice President, OEM Sale Katzkin Leather, Inc. 6868 Acco Street Montebello, CA 90640

MGA PERSONNEL:

blend Kalito

Helen Kaleto Project Leader

<u>Test Personnel:</u> Louis S. Campbell Tony Frontera

\* The results presented in this report relate only to the specified test items.

\*\* This report shall not be reproduced except in full, without the written approval of the laboratory.



#### **Objective**

This report contains results for FMVSS 208 – Suppression testing requested by Katzkin Leather, Inc. The test samples provided were tested to the requirements stated in FMVSS 208 (49CFR 572, Subpart N S20 dated 01/14/03). A testing matrix was constructed based upon the requirements and needs of Katzkin on one (1) vehicle with one (1) seat (Chevy Suburban). No statement of compliancy will be made in this report.

#### Purpose

This standard specifies requirements for airbag suppression determination in the right front outboard seating position to eliminate the inflation of the passenger-side airbag when there is no occupant, an unrestrained child, or a child restraint system in the event of a collision.

#### FMVSS 208 Requirements

The National Highway Traffic Safety Administration (NHTSA) Test Procedure FMVSS 208-TP-12 specified the requirements of this test series.

Compliance shall be determined by the following:

- (a) Place the Child Restraint System (CRS) at the designated seating position.
- (b) Tighten the seat belt load to  $130N \pm 3N$  for child seats.
- (c) Tighten the seat belt load to 9N 18N for booster seats.
- (d) Shut all doors and turn the vehicle ignition to the on position.
- (e) Verify that the airbag suppression light is off.

#### Additional Customer-Specified Requirements

Per request, one (1) photograph was taken (passenger side) of each individual car seat and dummy position.

#### <u>Equipment</u>

MGA Research Corporation's FMVSS 208 Child Seats were used for this testing. For the complete test series, equipment included 10 child seats, a 50 lbs load cell, and the following dummies: Newborn Infant, CRABI 12 month-old, Hybrid III 3 year-old, Hybrid III 6 year-old, and Hybrid III 5<sup>th</sup>% Female.

#### **Procedure/Method**

Each vehicle was tested in accordance with FMVSS 208-12 test procedure Data Sheets 14-21 & 29. For each test scenario, the vehicle ignition was cycled and the suppression was verified.

#### Test Results

1 car bed, 3 rear facing, 4 convertible, and 2 booster Child Restraint Systems (CRS) were used to evaluate each seat. All tests requiring the Dummies were completed. All tests were conducted with respect to the standard. The Chevy Suburban appeared to meet the requirements of FMVSS 208 Suppression. All data traceable to the National Institute of Standards and Technology (NIST).



### mga research corporation

Date:11/22/2006Customer:Katzkin LeatherMGA Job Number:C0717-009.1C

#### VEHICLE INFORMATION:

Year:	2007
Make:	Chevy
Model:	Suburban
Body Style:	4 Door SUV Factory Trim
VIN Number:	1GNFK16337J192747

#### **DESCRIPTION OF TEST PROCEDURE:**

This test procedure is used to conduct airbag suppression determination testing for FMVSS 208 – Occupant Crash Protection procedures. This procedure is based upon Data Sheet(s) 14 of the NHTSA Test Procedure (TP208-12).

Test Personnel: TF

#### PASSENGER DESIGNATED SEATING POSITIONS:

Using any part of any control, other than the parts just used for fore-aft positioning, determine the range of angles of the seat cushion reference line and set the seat cushion reference line at the mid-angle.

Maximum Angle: Minimum Angle: Mid Angle:

Visually mark for future reference the seat back angle, if adjustable, at the manufacturer's nominal design riding position for a 50th percentile adult male in the manner specified by the manufacturer.

Design Seat Back Angle:11 deg. @ HeadrestActual Seat Back Angle:11 deg. @ Headrest

#### BUCKET SEATS:

Locate and mark for future reference the longitudinal centerline of the seat cushion. The longitudinal centerline of a bucket seat cushion is determined at the widest part of the seat cushion. Measure perpendicular to the longitudinal centerline of the vehicle.

Width Of Seat Cushion:5571/2 Width Of Seat Cushion:278.5

#### **BENCH SEATS:**

Locate and mark for future reference the longitudinal centerline of the passenger seat cushion. The longitudinal centerline is the same distance from the longitudinal centerline of the vehicle as the center of the steering wheel.

Distance from the centerline of vehicle to center of steering wheel: N/A

Distance From The Centerline Of Vehicle To Center Of Passenger Seat: N/A

#### HEAD RESTRAINTS:

Measure the vertical distance from the top most point of the head restraint to the bottom most point. Locate and mark a horizontal plane through the midpoint of this distance.

Height Of Head Restraint:200Mid-Point Height:100

#### SEAT BELT ANCHORAGES:

Place any adjustable seat belt anchorages at the vehicle manufacturer's nominal design position for a 50<sup>th</sup> percentile adult male occupant.

Design Anchorage Position:	Notch 2 of 5 from top
Actual Anchorage Position:	Notch 2 of 5 from top

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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

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	Handle Down Sunshield Down Blanket 2 (No Accessories)																	
	Handle Up Sunshield Down Blanket 2																	
	Handle Up Sunshield Up Blanket 2																	
	Handle Down Sunshield Up Blanket 2																	

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006			1														
		Katzkin Leat	her		ł														
		C07I7-009.1C			1														
5					1														
lati			ATD								Veh								
15	Туре		nber	We	eight	]	Y	ear		ake		del		Style		N #			
n fe	12-Month	1	06	10.	.2kg		20	007	Ch	evy	Subu	ırban	4 Door SUV	Factory Trim	1GNFK163	37J192747			
Test Information																			
Ĕ										Section C 12-Month Cosco Olympian									
						Rear Facing									Forward Facing	3			
	Test Conditions		With Belt	_	_	With Out Belt	-		225	-		With Belt	-		With Out Belt	_		225	_
	Handle Down	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear
	Sunshield Down No Blanket (No Accessories) Handle Up																		
	Sunshield Down No Blanket																		
	Handle Up Sunshield Up No Blanket																		
	Handle Down Sunshield Up No Blanket																		
	Handle Down Sunshield Down Blanket 1 (No Accessories)	Pass 123.5N	Pass 111.6N	Pass 129.6N	**Notch 1 Pass	Pass	Pass												
FMVSS 208	Handle Up Sunshield Down Blanket 1																		
FMVS	Handle Up Sunshield Up Blanket 1																		
	Handle Down Sunshield Up Blanket 1																		
	Handle Down Sunshield Down Blanket 2 (No Accessories)																		
	Handle Up Sunshield Down Blanket 2																		
	Handle Up Sunshield Up Blanket 2																		
	Handle Down Sunshield Up Blanket 2																		

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

-	Date:	11/22/2006																
		Katzkin Leat	her		-													
		C0717-009.1C			-													
E	oob Number.	00111-005.10																
atic			ATD								Veh	vicle						
Ĕ	Туре	Nu	nber	We	eight	+	Y	ear	Ma	ike		del	Body	Style	VI	1#		
ē	12-Month		06	10	.2kg	+	20	007	Ch		Subu			Factory Trim	1GNFK163			
드						1				,	Gubt			uotory min			1	
Test Information										Section C 12-Month Evenflo Medallion								
						Rear Facing									Forward Facing	l		
	Test Conditions		With Belt			With Out Belt						With Belt			With Out Belt			
		Forward	Middle	Rear	Forward	Middle	Rear				Forward	Middle	Rear	Forward	Middle	Rear		
	Handle Down Sunshield Down No Blanket (No Accessories) Handle Up																	
	Sunshield Down No Blanket Handle Up																	
	Sunshield Up No Blanket																	
	Handle Down Sunshield Up No Blanket																	
	Handle Down Sunshield Down Blanket 1 (No Accessories)	Pass 144.0N	Pass 126.7N	Pass 135.6N	**Notch 1 Pass	Pass	Pass											
FMVSS 208	Handle Up Sunshield Down Blanket 1																	
FMVS	Handle Up Sunshield Up Blanket 1																	
	Handle Down Sunshield Up Blanket 1																	
	Handle Down Sunshield Down Blanket 2 (No Accessories)																	
	Handle Up Sunshield Down Blanket 2																	
	Handle Up Sunshield Up Blanket 2																	
	Handle Down Sunshield Up Blanket 2																	

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006																	
		Katzkin Leath	her		-														
		C07I7-009.1C																	
5																			
atic			ATD								Veh	icle							
E	Туре	Nur	nber	We	ight	t	Ye	ear	Ma	ike	Mo		Body	Style	VI	N #			
ę	12-Month/3-Year		/025	10.2	/16.2	t	20	07	Ch	evy	Subu			Factory Trim		337J192747			
=																			
Test Information										Section C Month/3-Year Britax ISOFIX									
						12-Month				130117					3-Year				
	Test Conditions	-	With Belt		1	With Out Belt			225			With Belt			0 1001			225	
		Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear				Forward	Middle	Rear
	Handle Down	- Crinara	Middle	rtour	. ormand	Middle	rtour	. ormand	Middle	rtour	**Notch 6						1 of Mara	Inddio	rtodi
	Sunshield Down										Pass	Pass	Pass				N/A	N/A	N/A
	No Blanket										110.3N	95.2N	125.7N				N/A	IN/A	IN/A
1	(No Accessories)										110.514	33.211	123.711						
	Handle Down																		
	Sunshield Down																		
	No Blanket																		
	Handle Up																		
	Sunshield Up No Blanket																		
	Handle Down																		
	Sunshield Up No Blanket																		
	Handle Down Sunshield Down																		
	Blanket 1 (No Accessories)																		
	Handle Up																		
FMVSS 208	Sunshield Down Blanket 1																		
SS	Handle Up																		
A F	Sunshield Up Blanket 1																		
	Handle Down																		
	Sunshield Up Blanket 1																		
	Handle Down																		
	Sunshield Down Blanket 2 (No Accessories)																		
	Handle Up																		
	Sunshield Down Blanket 2																		
	Handle Up																		
	Sunshield Up Blanket 2																		
	Handle Down																		
	Sunshield Up Blanket 2																		

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006																
		Katzkin Leath	her		-													
		C07I7-009.1C																
E	COD Number.	00111-005.10																
Ę			ATD								Veh	icle						
Ĕ	Туре	Nur	nber	We	ight		Ve	ear	Ma	ike	Mo		Body	Style	VI	N #		
Į0	3-Year		5	16	2kg		20	007	Che		Subu			Factory Trim	1GNFK163			
드	0.100	-		10						,	ousu	burr		autory mini			1	
Test Information										Section C 3-Year Century Encore								
	Test Conditions		With Belt											1				
	Test Conditions	Forward	Middle	Rear		1	1		1	1			1				1	1
	Handle Down	**Notch 6																
	Sunshield Down No Blanket	Pass	Pass	Pass														
	(No Accessories)	90.7N	114.0N	104.9N														
	Handle Up Sunshield Down																	
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	Handle Down Sunshield Up																	
	No Blanket																	
	Handle Down Sunshield Down																	
	Blanket 1 (No Accessories)																	
	Handle Up																	
FMVSS 208	Sunshield Down Blanket 1																	
IVSS	Handle Up																	
Ē	Sunshield Up Blanket 1																	
	Handle Down																	
	Sunshield Up Blanket 1																	
	Handle Down																	
	Sunshield Down Blanket 2 (No Accessories)																	
	Handle Up																	
	Sunshield Down Blanket 2																	
	Handle Up																	
	Sunshield Up Blanket 2																	
	Handle Down																	
	Sunshield Up Blanket 2																	

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006			1													
	Customer:	Katzkin Leath	er		ł													
	Job Number:	C0717-009.1C			t													
5					1													
ati			ATD								Veh	icle						
Ē	Туре	Nur	nber	We	ight		Y	ear	Ma	ake	Mo	del	Body	Style	VI	N #		
ę	3-Year	2			2kg			007	Ch		Subu		4 Door SUV			37J192747		
1					<u>,</u>	1												1
Test Information										Section C 3-Year Cosco Olympian								
	Test Conditions		With Belt						225									
		Forward	Middle	Rear				Forward	Middle	Rear								
	Handle Down	**Notch 4	Pass	Pass														
	Sunshield Down	Pass	1 455	1 435				N/A	N/A	N/A								
	No Blanket	82.5N	128.8N	101.3N				1071	1973	1073								
	(No Accessories)	02.011	.20.01															
	Handle Up																	
	Sunshield Down																	
	No Blanket																	
	Handle Up		1															
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	No Blanket																	
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	Handle Down																	
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	Blanket 2																	

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006																
	Customer:	Katzkin Leath	her															
	Job Number:	C0717-009.1C																
E	oob Number.	00/11/003.10																
đi			ATD								Veh	icle						
Ĕ	Туре	Nur	nber	Wei	iaht	,	Ye	ear	Ма	ke	Mo		Body S	tyle	VI	N #		
ē	3-Year		25	16.	2ka			007	Che		Subu		4 Door SUV Fa			37J192747		
1 - 5	e real		•							,	Cube			otory min				
Test Information										Section C								
1.										3-Year								
										Evenflo								
										Medallion								
	Test Conditions		With Belt									-					1	
		Forward	Middle	Rear														
	Handle Down	**Notch 4	Pass	Pass														
	Sunshield Down No Blanket	Pass																
	(No Accessories	123.6N	110.3N	103.8N														
	Handle Up																	
	Sunshield Down																	
	No Blanket																	
	Handle Up																	
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	Handle Down																	
	Sunshield Up																	
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

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		11/22/2006			4												
		Katzkin Leath															
	Job Number:	C07I7-009.1C															
Test Information																	
ati			ATD								Veh	icle					
E	Туре	Nur	nber	We	ight	t	Ye	ear	Ma	ike	Mo		Body	Style	VII	N #	
ē	3-Year		5	16	.2kg	ł		07	Ch		Subu		4 Door SUV	Factory Trim	1GNFK163		
2	0 T Cui			10.	izkg		20			cvy	Oubu	il bull	4 2001 001	ractory min		510132141	
st																	
Ĕ										Section D							
										3-Year							
										Britax							
										Roadster							
						9N - 18N											
	Test Conditions		With Belt														
		Forward	Middle	Rear					1	1							1
	Handle Down	**Notch 3															
	Sunshield Down		Pass	Pass													
	No Blanket																
	(No Accessories)	14.1N	12.3N	12.7N													
	Handle Lin																
	Handle Up Sunshield Down																
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	Handle Up				-												
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	Handle Down																
	Sunshield Up																
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006			1													
		Katzkin Leath	or		+													
		C0717-009.1C			+													
ç	JOD NUMBEL.	C0/1/-009.1C																
Ę.			ATD			1	1				Vok	icle					-	
ma	Tuno	Neur	nber	Wa	ight	ł	V	ear	Ma	ake		del	Body	Style	M	N #		
ō	Туре		nber 25	we	.2kg	ł	10	ear 107	Ch		Subu			Factory Trim		37J192747		
Ē	3-Year	4	10	10.	.2KY		20	107	CII	evy	Subl	irban	4 D001 30V	Factory Thin	IGNERIO	3/3/3/92/4/		
Test Information										Section D								
E E										3-Year								
										Century								
										Next Step								
						9N - 18N				Next Step	r				127N - 133N			
	Test Conditions		With Belt		r	314 - 1014		r				With Belt			12/10 - 15510			
	1 CSt Obrightions	Forward	Middle	Rear			1		1		Forward	Middle	Rear				1	1
	Handle Down	Torward	Wilddie	rtear	1		1				**Notch 8							
	Sunshield Down										Pass	Pass	Pass					
	No Blanket										90.5N	108.5N	103.7N					
	(No Accessories)										90.5N	108.5N	103.7N					
	Handle Up																	
	Sunshield Down																	
	No Blanket																	
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	Handle Up Sunshield Up																	
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	(No Accessories)																	
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	Handle Down Sunshield Up																	
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006			1												
		Katzkin Leath	her		+												
		C07I7-009.1C			1												
5																	
atic			ATD								Veh	icle					
E	Туре	Nur	nber	We	eight	t	Ye	ear	Ma	ike	Mo		Body	Style	VII	N #	
ę	6-Year		11	23.	.4kg	t	20	07	Ch		Subu			Factory Trim	1GNFK163		
=					-												
Test Information										Section D							
1.										6-Year							
										Britax							
										Roadster							
					1	9N - 18N											
	Test Conditions		With Belt	-			1		1								 
	Handle Down	Forward **Notch 8	Middle	Rear													
	Sunshield Down		Pass	Pass													
	No Blanket		10.001														
	(No Accessories)	14.2N	13.8N	13.9N													
	Handle Up																
	Sunshield Down																
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	Handle Down																
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006			1													
		Katzkin Leat	her		+													
		C07I7-009.1C			1													
5																		
atic			ATD								Veh	icle						
E	Туре	Nur	nber	We	eight	t	Ye	ear	Ma	ike	Mo		Body	Style	VII	N #		
ę	6-Year		11	23.	.4kg	t	20	07	Ch		Subu			Factory Trim	1GNFK163			
=					-									-				
Test Information										Section D								
										6-Year								
										Century								
										Next Step								
						9N - 18N								1				
	Test Conditions	E	With Belt	Dist					1	[	 							[
	Handle Down	Forward	Middle	Rear	-													
	Sunshield Down	Pass	Pass	Pass														
	No Blanket		47 41	10.01														
	(No Accessories)	13.6N	17.4N	13.0N														
	Handle Up																	
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	Handle Down Sunshield Up																	
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006			1													
		Katzkin Leath	er		†													
_		C07I7-009.1C			1													
tion						1	1										1	1
ma	Туре	Nun	ATD nber	Wo	ight	-	×	ear	M	ake	Veh Mo	icle	Body	Style	VI	A #		
for	06/AF05/OCATD6			16.2/23.4/4	9.2/20.7/47.1			007		evy	Subu		4 Door SUV	actory Trim	1GNFK163			
Test Information						Į.											Į.	
Te										AF05/OCATD6 o CRS ATD's	/OCATD5							
	T 10 11		0.14			<u> </u>			511 0/ E								1	
	Test Conditions	Forward	3-Year Middle	Rear	Forward	6-Year Middle	Rear	Forward	5th% Female Middle	Rear								 [
	Position 1	. ormand	middle	rtour	ronard	middle	rtour	rondid	inidalo	rtoui								
	Sitting Normal	Pass	Pass	Pass	•	Pass	Pass	Pass	Pass	Pass								
	Position 2																	
	Sitting Reclined +25 deg	Pass	Pass	Pass	·	Pass	Pass											
	Position 3	**Nintak C																
	Sitting Back Not Against Seat Back	**Notch 8 Pass	Pass	Pass														
	Position 4																	
	Sitting On Edge	Pass	Pass	Pass	Pass	Pass	Pass											
	Position 5																	
	Standing On Seat Facing Forward	Pass	Pass	Pass														
	Position 6																	
	Kneeling On Seat Facing Forward	Pass	Pass	Pass														
208	Position 7																	
FMVSS 208	Kneeling On Seat Facing Rearward	Pass	Pass	Pass														
	Position 8																	
	Lying On Seat (Only If 3 Front Seating Positions)	N/A	N/A	N/A														
	Position 9 Sitting In Seat																	
	Leaning On Passenger Door				•	Pass	Pass											
										33								

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position



Newborn Dream Ride 180 For Pos 0001.JPG



Newborn Dream Ride 180 Mid Pos 0001.JPG



Newborn Dream Ride 180 Rear Pos 0001.JPG



Newborn Dream Ride WB For Pos 0001.JPG



Newborn Dream Ride WB Mid Pos 0001.JPG



Newborn Dream Ride WB Rear Pos 0001.JPG



Newborn Dream Ride WoB For Pos 0001.JPG



Newborn Dream Ride WoB Mid Pos 0001.JPG



Newborn Dream Ride WoB Rear Pos 0001.JPG



CRABI-12 Handle WCare 180 For Pos 0001.JPG



CRABI-12 Handle WCare 180 Mid Pos 0001.JPG



CRABI-12 Handle WCare 180 Rear Pos 0001.JPG



CRABI-12 Handle WCare WB For Pos 0001.JPG



CRABI-12 Handle WCare WB Mid Pos 0001.JPG



CRABI-12 Handle WCare WB Rear Pos 0001.JPG



CRABI-12 Handle WCare WoB For Pos 0001.JPG



CRABI-12 Handle WCare WoB Mid Pos 0001.JPG



CRABI-12 Handle WCare WoB Rear Pos 0001.JPG



CRABI-12 Smart Fit WB 180 For Pos 0001.JPG



CRABI-12 Smart Fit WB 180 Mid Pos 0001.JPG



CRABI-12 Smart Fit WB 180 Rear Pos 0001.JPG



CRABI-12 Smart Fit WB WB For Pos 0001.JPG



CRABI-12 Smart Fit WB WB Mid Pos 0001.JPG



CRABI-12 Smart Fit WB WB Rear Pos 0001.JPG



CRABI-12 Smart Fit WB WoB For Pos 0001.JPG



CRABI-12 Smart Fit WB WoB Mid Pos 0001.JPG



CRABI-12 Smart Fit WB WoB Rear Pos 0001.JPG



CRABI-12 Smart Fit WoB 180 For Pos 0001.JPG



CRABI-12 Smart Fit WoB 180 Mid Pos 0001.JPG



CRABI-12 Smart Fit WoB 180 Rear Pos 0001.JPG



CRABI-12 Smart Fit WoB WB Mid Pos 0001.JPG



CRABI-12 Smart Fit WoB WB Rear Pos 0001.JPG



CRABI-12 Smart Fit WoB WoB Mid Pos 0001.JPG



CRABI-12 Smart Fit WoB WoB Rear Pos 0001.JPG



CRABI-12 Infant WB 180 For Pos 0001.JPG



CRABI-12 Infant WB 180 Mid Pos 0001.JPG



CRABI-12 Infant WB 180 Rear Pos 0001.JPG



CRABI-12 Infant WB WB Mid Pos 0001.JPG



CRABI-12 Infant WB WB Rear Pos 0001.JPG



CRABI-12 Infant WB WoB Mid Pos 0001.JPG



CRABI-12 Infant WB WoB Rear Pos 0001.JPG



CRABI-12 Infant WoB 180 For Pos 0001.JPG



CRABI-12 Infant WoB 180 Mid Pos 0001.JPG



CRABI-12 Infant WoB 180 Rear Pos 0001.JPG



CRABI-12 Infant WoB WB For Pos 0001.JPG



CRABI-12 Infant WoB WB Mid Pos 0001.JPG



CRABI-12 Infant WoB WB Rear Pos 0001.JPG



CRABI-12 Infant WoB WoB For Pos 0001.JPG



CRABI-12 Infant WoB WoB Mid Pos 0001.JPG



CRABI-12 Infant WoB WoB Rear Pos 0001.JPG



CRABI-12 Encore WB RF For Pos 0001.JPG



CRABI-12 Encore WB RF Mid Pos 0001.JPG



CRABI-12 Encore WB RF Rear Pos 0001.JPG



CRABI-12 Encore WoB RF For Pos 0001.JPG



CRABI-12 Encore WoB RF Mid Pos 0001.JPG



CRABI-12 Encore WoB RF Rear Pos 0001.JPG



CRABI-12 Olympian WB RF For Pos 0001.JPG



CRABI-12 Olympian WB RF Mid Pos 0001.JPG



CRABI-12 Olympian WB RF Rear Pos 0001.JPG



CRABI-12 Olympian WoB RF For Pos 0001.JPG



CRABI-12 Olympian WoB RF Mid Pos 0001.JPG



CRABI-12 Olympian WoB RF Rear Pos 0001.JPG



CRABI-12 Medallion WB RF For Pos 0001.JPG



CRABI-12 Medallion WB RF Mid Pos 0001.JPG



CRABI-12 Medallion WB RF Rear Pos 0001.JPG



CRABI-12 Medallion WoB RF For Pos 0001.JPG



CRABI-12 Medallion WoB RF Mid Pos 0001.JPG



CRABI-12 Medallion WoB RF Rear Pos 0001.JPG



AC03 ISOFIX For Pos 0001.JPG



AC03 ISOFIX Mid Pos 0001.JPG



AC03 ISOFIX Rear Pos 0001.JPG



AC03 Encore For Pos 0001.JPG



AC03 Encore Mid Pos 0001.JPG



AC03 Encore Rear Pos 0001.JPG



AC03 Olympian For Pos 0001.JPG



AC03 Olympian Mid Pos 0001.JPG



AC03 Olympian Rear Pos 0001.JPG



AC03 Medallion For Pos 0001.JPG



AC03 Medallion Mid Pos 0001.JPG



AC03 Medallion Rear Pos 0001.JPG



AC03 Roadster For Pos 0001.JPG



AC03 Roadster Mid Pos 0001.JPG



AC03 Roadster Rear Pos 0001.JPG



AC03 Next Step For Pos 0001.JPG



AC03 Next Step Mid Pos 0001.JPG



AC03 Next Step Rear Pos 0001.JPG



AC06 Roadster For Pos 0001.JPG



AC06 Roadster Mid Pos 0001.JPG



AC06 Roadster Rear Pos 0001.JPG



AC06 Next Step For Pos 0001.JPG



AC06 Next Step Mid Pos 0001.JPG



AC06 Next Step Rear Pos 0001.JPG



AC03 For Pos 0001.JPG



AC03 For Pos 0002.JPG



AC03 For Pos 0003.JPG



AC03 For Pos 0004.JPG



AC03 For Pos 0005.JPG



AC03 For Pos 0006.JPG



AC03 For Pos 0007.JPG



AC03 Mid Pos 0001.JPG



AC03 Mid Pos 0002.JPG



AC03 Mid Pos 0003.JPG



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AC03 Mid Pos 0006.JPG



AC03 Mid Pos 0007.JPG



AC03 Rear Pos 0001.JPG



AC03 Rear Pos 0002.JPG



AC03 Rear Pos 0003.JPG



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AC03 Rear Pos 0007.JPG



AC06 For Pos 0001.JPG



AC06 Mid Pos 0001.JPG



AC06 Mid Pos 0002.JPG



AC06 Mid Pos 0003.JPG



AC06 Mid Pos 0004.JPG



AC06 Rear Pos 0001.JPG



AC06 Rear Pos 0002.JPG



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AF05 For Pos 0001.JPG



AF05 Mid Pos 0001.JPG



AF05 Rear Pos 0001.JPG



mga research corporation

## MGA RESEARCH CORPORATION FMVSS 208 SUPPRESSION KATZKIN LEATHER CHEVY TRAIL BLAZER KATZKIN TRIM





# mga research corporation

### **TEST REPORT**

MGA REPORT NO.:	C07I7-009.1D
TEST (S) PERFORMED ON:	November 24, 2006
TEST DESCRIPTION:	FMVSS 208 - Suppression
ITEM DESCRIPTION:	One (1) Chevy Suburban Manual Seat w/Katzkin Trim
PROCEDURE NUMBER:	MGATP208 – 12SUP_DS14.doc Last revision date: 09/15/03
<b>TEST REFERENCE NUMBER (S):</b>	SU6632 – SU6649
TEST LABORATORY:	MGA Research Corporation 446 Executive Drive Troy, Michigan 48083
SUBMITTED TO:	Kirk Scott Vice President, OEM Sales

MGA PERSONNEL:

blend Kalito

Helen Kaleto Project Leader

Katzkin Leather, Inc. 6868 Acco Street Montebello, CA 90640

<u>Test Personnel:</u> Louis S. Campbell Tony Frontera

\* The results presented in this report relate only to the specified test items.

\*\* This report shall not be reproduced except in full, without the written approval of the laboratory.



#### **Objective**

This report contains results for FMVSS 208 – Suppression testing requested by Katzkin Leather, Inc. The test samples provided were tested to the requirements stated in FMVSS 208 (49CFR 572, Subpart N S20 dated 01/14/03). A testing matrix was constructed based upon the requirements and needs of Katzkin on one (1) vehicle with one (1) seat (Chevy Suburban) with Katzkin trim. No statement of compliancy will be made in this report.

#### **Purpose**

This standard specifies requirements for airbag suppression determination in the right front outboard seating position to eliminate the inflation of the passenger-side airbag when there is no occupant, an unrestrained child, or a child restraint system in the event of a collision.

#### FMVSS 208 Requirements

The National Highway Traffic Safety Administration (NHTSA) Test Procedure FMVSS 208-TP-12 specified the requirements of this test series.

Compliance shall be determined by the following:

- (a) Place the Child Restraint System (CRS) at the designated seating position.
- (b) Tighten the seat belt load to  $130N \pm 3N$  for child seats.
- (c) Tighten the seat belt load to 9N 18N for booster seats.
- (d) Shut all doors and turn the vehicle ignition to the on position.
- (e) Verify that the airbag suppression light is off.

#### Additional Customer-Specified Requirements

Per request, one (1) photograph was taken (passenger side) of each individual car seat and dummy position.

#### <u>Equipment</u>

MGA Research Corporation's FMVSS 208 Child Seats were used for this testing. For the complete test series, equipment included 10 child seats, a 50 lbs load cell, and the following dummies: Newborn Infant, CRABI 12 month-old, Hybrid III 3 year-old, Hybrid III 6 year-old, and Hybrid III 5<sup>th</sup>% Female.

#### Procedure/Method

Each vehicle was tested in accordance with FMVSS 208-12 test procedure Data Sheets 14-21 & 29. For each test scenario, the vehicle ignition was cycled and the suppression was verified.

#### Test Results

1 car bed, 3 rear facing, 4 convertible, and 2 booster Child Restraint Systems (CRS) were used to evaluate each seat. All tests requiring the Dummies were completed. All tests were conducted with respect to the standard. The Chevy Suburban with Katzkin trim appeared to meet the requirements of FMVSS 208 Suppression. All data traceable to the National Institute of Standards and Technology (NIST).



## mga research corporation

Date:11/24/2006Customer:Katzkin LeatherMGA Job Number:C0717-009.1D

#### VEHICLE INFORMATION:

Year:	2007
Make:	Chevy
Model:	Suburban
Body Style:	4 Door SUV Katzkin Trim
VIN Number:	1GNFK16337J192747

#### **DESCRIPTION OF TEST PROCEDURE:**

This test procedure is used to conduct airbag suppression determination testing for FMVSS 208 – Occupant Crash Protection procedures. This procedure is based upon Data Sheet(s) 14 of the NHTSA Test Procedure (TP208-12).

Test Personnel: TF

#### PASSENGER DESIGNATED SEATING POSITIONS:

Using any part of any control, other than the parts just used for fore-aft positioning, determine the range of angles of the seat cushion reference line and set the seat cushion reference line at the mid-angle.

Maximum Angle: Minimum Angle: Mid Angle:

Visually mark for future reference the seat back angle, if adjustable, at the manufacturer's nominal design riding position for a 50th percentile adult male in the manner specified by the manufacturer.

Design Seat Back Angle:11 deg @ HeadrestActual Seat Back Angle:11 deg @ Headrest

#### BUCKET SEATS:

Locate and mark for future reference the longitudinal centerline of the seat cushion. The longitudinal centerline of a bucket seat cushion is determined at the widest part of the seat cushion. Measure perpendicular to the longitudinal centerline of the vehicle.

Width Of Seat Cushion:5571/2 Width Of Seat Cushion:278.5

#### **BENCH SEATS:**

Locate and mark for future reference the longitudinal centerline of the passenger seat cushion. The longitudinal centerline is the same distance from the longitudinal centerline of the vehicle as the center of the steering wheel.

Distance from the centerline of vehicle to center of steering wheel: N/A

Distance From The Centerline Of Vehicle To Center Of Passenger Seat: N/A

#### HEAD RESTRAINTS:

Measure the vertical distance from the top most point of the head restraint to the bottom most point. Locate and mark a horizontal plane through the midpoint of this distance.

Height Of Head Restraint:200Mid-Point Height:100

#### SEAT BELT ANCHORAGES:

Place any adjustable seat belt anchorages at the vehicle manufacturer's nominal design position for a 50<sup>th</sup> percentile adult male occupant.

Design Anchorage Position:	Fixed
Actual Anchorage Position:	Fixed

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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

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Test Information										Section B 12-Month Britax ndle With Care	9							
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

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Test Information										Section B									
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

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N/A N/A - No 225 Anchorages

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\* Will Not Fit In This Position

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N/A N/A - No 225 Anchorages

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\* Will Not Fit In This Position

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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

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Test Information										Section C Month/3-Year Britax ISOFIX									
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	Handle Up																		
	Sunshield Down																		
	Blanket 2																		
	Handle Up																		
	Sunshield Up																		
	Blanket 2																		
	Handle Dover																		
	Handle Down Sunshield Up																		
	Blanket 2																		
	Diamot 2																		

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/24/2006			1													
		Katzkin Leath	her		ł													
		C07I7-009.1D			ł													
	COD Humber.	00111-005.12																
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Ĕ	Туре	Nue	nber	Wa	ight	-	V.	ear	Ma	ake	Mod		Body	Stude	VI	1.4		
ē	3-Year		25		2kg	-		007	Ch		Subu		4 Door SUV		1GNFK163			
-	3-Tear	4	10	10.	zky		20	J07	CII	evy	Subu	IDall	4 0001 30 V		IGNERIOS	3/3/92/4/		
Test Information										Section C 3-Year Century Encore								
	Test Conditions		With Belt															
		Forward	Middle	Rear														
	Handle Down	**Notch 8	Pass	Pass														
	Sunshield Down	Pass	1 435	1 455														
	No Blanket (No Accessories)	111.1N	137.6N	108.9N														
	Handle Up																	
	Sunshield Down No Blanket																	
	Handle Up																	
	Sunshield Up No Blanket																	
	Handle Down																	
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	Sunshield Up Blanket 2																	
	Handle Down																	
	Sunshield Up Blanket 2																	
										3								

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/24/2006			1												
	Customer:	Katzkin Leath	ner		ł												
	Job Number:	C07I7-009.1D			1												
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nati			ATD								nicle						
L L	Туре		nber		eight		ear		ake	Mo		Body			N #		
Ē.	3-Year	2	25	16.	.2kg	20	007	Ch	evy	Subu	ırban	4 Door SUV	Katzkin Trim	1GNFK163	37J192747		
Test Information		1							Section C 3-Year Cosco Olympian								
	Test Conditions		With Belt					225									
		Forward	Middle	Rear			Forward	Middle	Rear								
	Handle Down	•	Pass	Pass													
	Sunshield Down No Blanket						N/A	N/A	N/A								
	(No Accessories		108.7N	108.5N													
	Handle Up																
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	Handle Down																
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/24/2006			1													
		Katzkin Leath	or		ł													
	Job Number:	C0717-009.1D			ł													
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- E	Туре	Nun			ight			ear		ke	Moo		Body		VIN			
Ē	3-Year	2	5	16.	2kg		20	007	Che	evy	Subu	rban	4 Door SUV	Katzkin Trim	1GNFK163	37J192747		
Test Information										Section C 3-Year Evenflo Medallion								
	Test Conditions		With Belt															
		Forward	Middle	Rear														
	Handle Down	*																
	Sunshield Down	•	Pass	Pass														
	No Blanket (No Accessories)		144.0N	136.6N														
	Handle Up																	
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

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	Date:	11/24/2006			-												
		Katzkin Leath			1												
	Job Number:	C07I7-009.1D															
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lat			ATD								Veh						
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J T	3-Year	2	25	16.	.2kg		20	07	Ch	evy	Subu	rban	4 Door SUV	Katzkin Trim	1GNFK163	37J192747	
<u>.</u>																	
Test Information										Section D							
										3-Year							
										Britax							
										Roadster							
						9N - 18N											
	Test Conditions		With Belt														
		Forward	Middle	Rear													
	Handle Down	**Notch 5															
	Sunshield Down	Pass	Pass	Pass													
	No Blanket		44.00	47.00													
	(No Accessories)	13.8N	14.6N	17.6N													
	Handle Up																
	Sunshield Down																
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	Handle Down																
	Sunshield Up																
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/24/2006			1												
		Katzkin Leath	ner		t												
		C0717-009.1D			t												
io																	
nat			ATD			1					Veh						
or	Туре		nber	We	ight	1	Ye	ear 107		ike	Mo		Body			N #	
Ē	6-Year	1	11	23.	4kg		20	107	Che	evy	Subu	rban	4 Door SUV	Katzkin Trim	1GNFK163	37J192747	
Test Information										Section D							
										6-Year							
										Britax							
										Roadster							 
	Test Conditions		With Belt			9N - 18N											
	rest conditions	Forward	Middle	Rear		1				1							1
	Handle Down	*								-							-
	Sunshield Down		Pass	Pass													
	No Blanket (No Accessories)		10.7N	15.3N													
	Handle Up																
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/24/2006			1													
		Katzkin Leath	her		+													
		C07I7-009.1D			1													
ы																		
lati			ATD								Veh	icle						
L L	Туре		nber		eight			ear		ake		del		Style		N #		
nfe	3-Year	2	25	16	.2kg		20	07	Ch	evy	Subu	ırban	4 Door SUV	Katzkin Trim	1GNFK163	37J192747		
Test Information										Section D								
F										3-Year								
										Century								
										Next Step								
						9N - 18N									127N - 133N			
	Test Conditions		With Belt						r			With Belt	r				r	
	Handle Down	Forward	Middle	Rear		-					Forward	Middle	Rear					
	Sunshield Down										•	Pass	Pass					
	No Blanket																	
	(No Accessories)											121.6N	132.4N					
	Handle Up																	
	Sunshield Down																	
	No Blanket																	
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	Sunshield Up																	
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	Handle Down				1				1				1				1	
	Sunshield Down																	
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/24/2006			1													
	Customer:	Katzkin Leat	her		-													
	Job Number:	C07I7-009.1D																
5		1			1													
ati			ATD								Veh	icle						
E	Туре	Nu	mber	W	eight		Ye	ear	Ma		Mo	del	Body	Style		N #		
l de	6-Year	1	11	23	.4kg		20	07	Che	evy	Subu	rban	4 Door SUV I	Katzkin Trim	1GNFK163	37J192747		
Test Information																		
- E										Section D								
										6-Year								
										Century								
		T								Next Step								
	Tankouristan		With Belt			9N - 18N											1	 
	Test Conditions	Forward	Middle	Rear		1	1		1				1					
	Handle Down																	
	Sunshield Down	Pass	Pass	Pass														
	No Blanket (No Accessories)	18.2N	12.2N	14.4N														
	Handle Up																	
	Sunshield Down																	
	No Blanket																	
	Handle Up	1	1															
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FMVSS 208	Handle Up																	
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	Blanket 2 (No Accessories)																	
	Handle Up																	
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1																		

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/24/2006																
	Customer:	Katzkin Leath	er		-													
		C07I7-009.1D																
tio																		
ma	Туре	Nur	ATD nber	Wo	eight		v	ear	M	ike	Veh Mo		Body	Style	VI	N #		
for	06/AF05/OCATD6				9.2/20.7/47.1			07		evy	Subu		4 Door SUV		1GNFK163			
Test Information																	1	
Te										AF05/OCATD6 o CRS ATD's	OCATD5							
	-				1			1										
	Test Conditions	Forward	3-Year Middle	Rear	Forward	6-Year Middle	Rear	Forward	5th% Female Middle	Rear		[						 
	Position 1	Torward	Wildle	Real		Widdle	Real	Torward	Wilddie	rtear								
	Sitting Normal	Pass	Pass	Pass	**Notch 7 Pass	Pass	Pass	Pass	Pass	Pass								
	Position 2																	
	Sitting Reclined +25 deg	Pass	Pass	Pass	**Notch6 Pass	Pass	Pass											
	Position 3	**Notch 7																
	Sitting Back Not Against Seat Back	Deee	Pass	Pass														
	Position 4																	
	Sitting On Edge	Pass	Pass	Pass	Pass	Pass	Pass											
	Position 5																	
	Standing On Seat Facing Forward	Pass	Pass	Pass														
	Position 6																	
	Kneeling On Seat Facing Forward	Pass	Pass	Pass														
208	Position 7																	
FMVSS 208	Kneeling On Seat Facing Rearward	Pass	Pass	Pass														
1	Position 8																	
	Lying On Seat (Only If 3 Front Seating Positions)	N/A	N/A	N/A														
	Position 9 Sitting In Seat Leaning On Passenger Door				**Notch6 Pass	Pass	Pass											
										36								

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position



Newborn Dream Ride 180 For Pos 0001.JPG



Newborn Dream Ride 180 Mid Pos 0001.JPG



Newborn Dream Ride 180 Rear Pos 0001.JPG



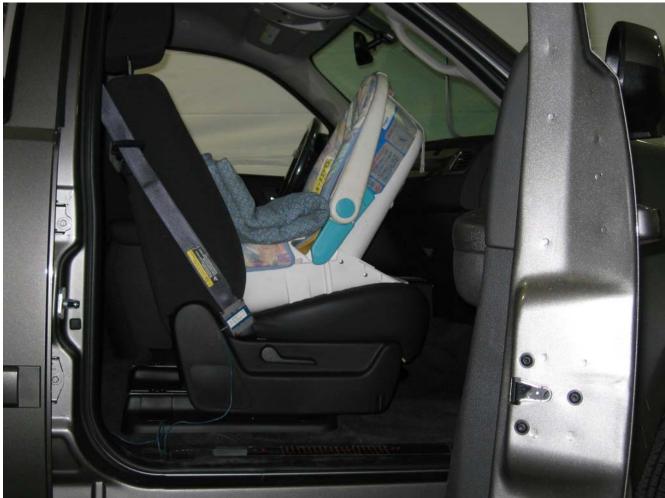
Newborn Dream Ride WB For Pos 0001.JPG



Newborn Dream Ride WB Mid Pos 0001.JPG



Newborn Dream Ride WB Rear Pos 0001.JPG



Newborn Dream Ride WoB For Pos 0001.JPG



Newborn Dream Ride WoB Mid Pos 0001.JPG



Newborn Dream Ride WoB Rear Pos 0001.JPG



CRABI-12 Handle WCare 180 For Pos 0001.JPG



CRABI-12 Handle WCare 180 Mid Pos 0001.JPG



CRABI-12 Handle WCare 180 Rear Pos 0001.JPG



CRABI-12 Handle WCare WB For Pos 0001.JPG



CRABI-12 Handle WCare WB Mid Pos 0001.JPG



CRABI-12 Handle WCare WB Rear Pos 0001.JPG



CRABI-12 Handle WCare WoB For Pos 0001.JPG



CRABI-12 Handle WCare WoB Mid Pos 0001.JPG



CRABI-12 Handle WCare WoB Rear Pos 0001.JPG



CRABI-12 Smart Fit WB 180 For Pos 0001.JPG



CRABI-12 Smart Fit WB 180 Mid Pos 0001.JPG



CRABI-12 Smart Fit WB 180 Rear Pos 0001.JPG



CRABI-12 Smart Fit WB WB For Pos 0001.JPG



CRABI-12 Smart Fit WB WB Mid Pos 0001.JPG



CRABI-12 Smart Fit WB WB Rear Pos 0001.JPG



CRABI-12 Smart Fit WB WoB For Pos 0001.JPG



CRABI-12 Smart Fit WB WoB Mid Pos 0001.JPG



CRABI-12 Smart Fit WB WoB Rear Pos 0001.JPG



CRABI-12 Smart Fit WoB 180 For Pos 0001.JPG



CRABI-12 Smart Fit WoB 180 Mid Pos 0001.JPG



CRABI-12 Smart Fit WoB 180 Rear Pos 0001.JPG



CRABI-12 Smart Fit WoB WB Mid Pos 0001.JPG



CRABI-12 Smart Fit WoB WB Rear Pos 0001.JPG



CRABI-12 Smart Fit WoB WoB Mid Pos 0001.JPG



CRABI-12 Smart Fit WoB WoB Rear Pos 0001.JPG



CRABI-12 Infant WB 180 Mid Pos 0001.JPG



CRABI-12 Infant WB 180 Rear Pos 0001.JPG



CRABI-12 Infant WB WB Mid Pos 0001.JPG



CRABI-12 Infant WB WB Rear Pos 0001.JPG



CRABI-12 Infant WB WoB Mid Pos 0001.JPG



CRABI-12 Infant WB WoB Rear Pos 0001.JPG



CRABI-12 Infant WoB 180 For Pos 0001.JPG



CRABI-12 Infant WoB 180 Mid Pos 0001.JPG



CRABI-12 Infant WoB 180 Rear Pos 0001.JPG



CRABI-12 Infant WoB WB Mid Pos 0001.JPG



CRABI-12 Infant WoB WB Rear Pos 0001.JPG



CRABI-12 Infant WoB WoB Mid Pos 0001.JPG



CRABI-12 Infant WoB WoB Rear Pos 0001.JPG



CRABI-12 Encore WB For Pos 0001.JPG



CRABI-12 Encore WB Mid Pos 0001.JPG



CRABI-12 Encore WB Rear Pos 0001.JPG



CRABI-12 Encore WoB For Pos 0001.JPG



CRABI-12 Encore WoB Mid Pos 0001.JPG



CRABI-12 Encore WoB Rear Pos 0001.JPG



CRABI-12 Olympian WB For Pos 0001.JPG



CRABI-12 Olympian WB Mid Pos 0001.JPG



CRABI-12 Olympian WB Rear Pos 0001.JPG



CRABI-12 Olympian WoB For Pos 0001.JPG



CRABI-12 Olympian WoB Mid Pos 0001.JPG



CRABI-12 Olympian WoB Rear Pos 0001.JPG



CRABI-12 Medallion WB For Pos 0001.JPG



CRABI-12 Medallion WB Mid Pos 0001.JPG



CRABI-12 Medallion WB Rear Pos 0001.JPG



CRABI-12 Medallion WoB For Pos 0001.JPG



CRABI-12 Medallion WoB Mid Pos 0001.JPG



CRABI-12 Medallion WoB Rear Pos 0001.JPG



AC03 ISOFIX For Pos 0001.JPG



AC03 ISOFIX Mid Pos 0001.JPG



AC03 ISOFIX Rear Pos 0001.JPG



AC03 Encore For Pos 0001.JPG



AC03 Encore Mid Pos 0001.JPG



AC03 Encore Rear Pos 0001.JPG



AC03 Olympian Mid Pos 0001.JPG



AC03 Olympian Rear Pos 0001.JPG



AC03 Medallion Mid Pos 0001.JPG



AC03 Medallion Rear Pos 0001.JPG



AC03 Roadster For Pos 0001.JPG



AC03 Roadster Mid Pos 0001.JPG



AC03 Roadster Rear Pos 0001.JPG



AC03 Next Step Mid Pos 0001.JPG



AC03 Next Step Rear Pos 0001.JPG



AC06 Roadster Mid Pos 0001.JPG



AC06 Roadster Rear Pos 0001.JPG



AC06 Next Step For Pos 0001.JPG



AC06 Next Step Mid Pos 0001.JPG



AC06 Next Step Rear Pos 0001.JPG



AC03 For Pos 0001.JPG



AC03 For Pos 0002.JPG



AC03 For Pos 0003.JPG



AC03 For Pos 0004.JPG



AC03 For Pos 0005.JPG



AC03 For Pos 0006.JPG



AC03 For Pos 0007.JPG



AC03 Mid Pos 0001.JPG



AC03 Mid Pos 0002.JPG



AC03 Mid Pos 0003.JPG



AC03 Mid Pos 0004.JPG



AC03 Mid Pos 0005.JPG



AC03 Mid Pos 0006.JPG



AC03 Mid Pos 0007.JPG



AC03 Rear Pos 0001.JPG



AC03 Rear Pos 0002.JPG



AC03 Rear Pos 0003.JPG



AC03 Rear Pos 0004.JPG



AC03 Rear Pos 0005.JPG



AC03 Rear Pos 0006.JPG



AC03 Rear Pos 0007.JPG



AC06 For Pos 0001.JPG



AC06 For Pos 0002.JPG



AC06 For Pos 0003.JPG



AC06 For Pos 0004.JPG



AC06 Mid Pos 0001.JPG



AC06 Mid Pos 0002.JPG



AC06 Mid Pos 0003.JPG



AC06 Mid Pos 0004.JPG



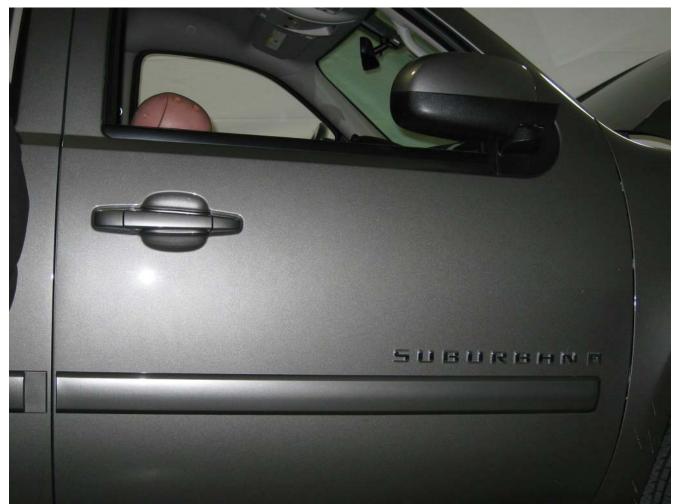
AC06 Rear Pos 0001.JPG



AC06 Rear Pos 0002.JPG



AC06 Rear Pos 0003.JPG



AC06 Rear Pos 0004.JPG



AF05 For Pos 0001.JPG



AF05 Mid Pos 0001.JPG



AF05 Rear Pos 0001.JPG



mga research corporation

## MGA RESEARCH CORPORATION FMVSS 208 SUPPRESSION KATZKIN LEATHER CHEVY TRAIL BLAZER FACTORY TRIM





# mga research corporation

### **TEST REPORT**

MGA REPORT NO.:	C07I7-009.1A
TEST (S) PERFORMED ON:	November 21 - 22, 2006
TEST DESCRIPTION:	FMVSS 208 - Suppression
ITEM DESCRIPTION:	One (1) Chevy Trail Blazer Manual Seat w/Factory Trim
PROCEDURE NUMBER:	MGATP208 – 12SUP_DS14.doc Last revision date: 09/15/03
TEST REFERENCE NUMBER (S):	SU6578 – SU6595
TEST LABORATORY:	MGA Research Corporation 446 Executive Drive Troy, Michigan 48083
SUBMITTED TO:	Kirk Scott Vice President, OEM Sales Katzkin Leather, Inc.

MGA PERSONNEL:

telend Kalito

Helen Kaleto Project Leader

6868 Acco Street Montebello, CA 90640

<u>Test Personnel:</u> Louis S. Campbell Tony Frontera

\* The results presented in this report relate only to the specified test items.

\*\* This report shall not be reproduced except in full, without the written approval of the laboratory.



#### **Objective**

This report contains results for FMVSS 208 – Suppression testing requested by Katzkin Leather, Inc. The test samples provided were tested to the requirements stated in FMVSS 208 (49CFR 572, Subpart N S20 dated 01/14/03). A testing matrix was constructed based upon the requirements and needs of Katzkin on one (1) vehicle with one (1) seat (Chevy Trail Blazer). No statement of compliancy will be made in this report.

#### Purpose

This standard specifies requirements for airbag suppression determination in the right front outboard seating position to eliminate the inflation of the passenger-side airbag when there is no occupant, an unrestrained child, or a child restraint system in the event of a collision.

#### FMVSS 208 Requirements

The National Highway Traffic Safety Administration (NHTSA) Test Procedure FMVSS 208-TP-12 specified the requirements of this test series.

Compliance shall be determined by the following:

- (a) Place the Child Restraint System (CRS) at the designated seating position.
- (b) Tighten the seat belt load to  $130N \pm 3N$  for child seats.
- (c) Tighten the seat belt load to 9N 18N for booster seats.
- (d) Shut all doors and turn the vehicle ignition to the on position.
- (e) Verify that the airbag suppression light is off.

#### Additional Customer-Specified Requirements

Per request, one (1) photograph was taken (passenger side) of each individual car seat and dummy position.

#### **Equipment**

MGA Research Corporation's FMVSS 208 Child Seats were used for this testing. For the complete test series, equipment included 10 child seats, a 50 lbs load cell, and the following dummies: Newborn Infant, CRABI 12 month-old, Hybrid III 3 year-old, Hybrid III 6 year-old, and Hybrid III 5<sup>th</sup>% Female.

#### **Procedure/Method**

Each vehicle was tested in accordance with FMVSS 208-12 test procedure Data Sheets 14-21 & 29. For each test scenario, the vehicle ignition was cycled and the suppression was verified.

#### Test Results

1 car bed, 3 rear facing, 4 convertible, and 2 booster Child Restraint Systems (CRS) were used to evaluate each seat. All tests requiring the Dummies were completed. All tests were conducted with respect to the standard. The Chevy Trail Blazer appeared to meet the requirements of FMVSS 208 Suppression. All data traceable to the National Institute of Standards and Technology (NIST).



## mga research corporation

Date:	11/21/2006
Customer:	Katzkin Leather
MGA Job Number:	C07I7-009.1A

#### VEHICLE INFORMATION:

Year:	2007
Make:	Chevy
Model:	Trail Blazer
Body Style:	4 Door SUV Factory Trim
VIN Number:	1GNDT13S172108211

#### **DESCRIPTION OF TEST PROCEDURE:**

This test procedure is used to conduct airbag suppression determination testing for FMVSS 208 – Occupant Crash Protection procedures. This procedure is based upon Data Sheet(s) 14 of the NHTSA Test Procedure (TP208-12).

Test Personnel: TF

#### PASSENGER DESIGNATED SEATING POSITIONS:

Using any part of any control, other than the parts just used for fore-aft positioning, determine the range of angles of the seat cushion reference line and set the seat cushion reference line at the mid-angle.

Maximum Angle:N/AMinimum Angle:N/AMid Angle:N/A

Visually mark for future reference the seat back angle, if adjustable, at the manufacturer's nominal design riding position for a 50th percentile adult male in the manner specified by the manufacturer.

Design Seat Back Angle:N/AActual Seat Back Angle:2.4 @ Headrest

#### BUCKET SEATS:

Locate and mark for future reference the longitudinal centerline of the seat cushion. The longitudinal centerline of a bucket seat cushion is determined at the widest part of the seat cushion. Measure perpendicular to the longitudinal centerline of the vehicle.

Width Of Seat Cushion:5541/2 Width Of Seat Cushion:277

#### **BENCH SEATS:**

Locate and mark for future reference the longitudinal centerline of the passenger seat cushion. The longitudinal centerline is the same distance from the longitudinal centerline of the vehicle as the center of the steering wheel.

Distance from the centerline of vehicle to center of steering wheel: N/A

Distance From The Centerline Of Vehicle To Center Of Passenger Seat: N/A

#### HEAD RESTRAINTS:

Measure the vertical distance from the top most point of the head restraint to the bottom most point. Locate and mark a horizontal plane through the midpoint of this distance.

Height Of Head Restraint:192Mid-Point Height:96

#### SEAT BELT ANCHORAGES:

Place any adjustable seat belt anchorages at the vehicle manufacturer's nominal design position for a 50<sup>th</sup> percentile adult male occupant.

Design Anchorage Position:	Fixed
Actual Anchorage Position:	Fixed

	Date:	11/21/2006																
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	Handle Down Sunshield Up Blanket 1																	
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

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	Handle Down Sunshield Up No Blanket																
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FMVSS 208	Handle Up Sunshield Down Blanket 1																
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N/A N/A - No 225 Anchorages

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\* Will Not Fit In This Position

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Test Information										Section B 12-Month									
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

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N/A N/A - No 225 Anchorages

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\* Will Not Fit In This Position

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N/A N/A - No 225 Anchorages

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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006																
	Customer:	Katzkin Leather		-														
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				-	12-Month									3-Year				
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	Handle Down									Pass	Pass	Pass						
	Sunshield Down No Blanket															N/A	N/A	N/A
	(No Accessories)	)								136.6N	125.7N	119.9N						
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006																
		Katzkin Leat	her															
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	Test Conditions	-	With Belt															
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	Handle Down																	
	Sunshield Down	Pass	Pass	Pass														
	No Blanket	102.3N	94.7N	103.2N														
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006															
	Customer:	Katzkin Leat	her		ł												
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Test Information																	
Te		T							Section C 3-Year Cosco Olympian								
	Test Conditions		With Belt					225									
		Forward	Middle	Rear			Forward	Middle	Rear								
	Handle Down	Pass	Pass	Pass													
	Sunshield Down No Blanket						N/A	N/A	N/A								
	(No Accessories)	109.1N	103.6N	103.4N													
	Handle Up																
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006																	
	Customer:	Katzkin Leath	ner																
	Job Number:	C07I7-009.1A																	
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	Sunshield Down No Blanket	Pass	Pass	Pass															
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006			1													
	Customer:	Katzkin Leath	her		+													
		C07I7-009.1A			+													
5																		
atic			ATD								Veh	icle						
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										Britax								
										Roadster								
						9N - 18N												
	Test Conditions		With Belt							-			-		-			
		Forward	Middle	Rear														
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	(No Accessories)	17.2N	16.9N	15.9N														
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006			1													
		Katzkin Leath	her		+													
		C07I7-009.1A			1													
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Test Information										Section D								
										6-Year								
										Britax								
										Roadster								
						9N - 18N												
	Test Conditions		With Belt						1	-			-		-			
		Forward	Middle	Rear														
	Handle Down	**Notch 5	Pass	Pass														
	Sunshield Down No Blanket	Pass																
	(No Accessories)	17.0N	15.5N	12.4N														
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N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006															
		Katzkin Leath	or														
		C0717-009.1A															
Ę	JOD NUMBER.	C0/11-003.1A															
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-	0 1001			10.	Ling		20			,	Train	DidLei	4 0001 001	ractory min	TONDITIO	112100211	
Test Information										Section D 3-Year Century Next Step							
						9N - 18N									127N - 133N		
	Test Conditions		With Belt					1				With Belt					
		Forward	Middle	Rear							Forward	Middle	Rear				
	Handle Down										**Notch 3	Pass	Pass				
	Sunshield Down										Pass	Pass	Pass				
	No Blanket										95.8N	92.2N	97.1N				
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	Sunshield Down Blanket 2 (No Accessories)																
	Handle Up																
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	Handle Up Sunshield Up Blanket 2																
	Handle Down Sunshield Up Blanket 2																

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Dette	4.4.10.0.10.0.0.0			1														
		11/22/2006			4														
		Katzkin Leath			4														
	Job Number:	C07I7-009.1A			1														
ē																			
lat			ATD								Veh								
1 5	Туре		nber	We	eight			ear	Ma			del	Body			N #			
Ĕ	6-Year	1	11	23.	.4kg		20	07	Che	evy	Trail E	Blazer	4 Door SUV F	actory Trim	1GNDT13S	6172108211			
		•				•											•		•
Test Information										Section D									
-										6-Year									
										Century									
										Next Step									
						9N - 18N				noxi otop									
	Test Conditions		With Belt										1						
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	Handle Down																		
	Sunshield Down	Pass	Pass	Pass															
	No Blanket																		
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	Sunshield Down																		
	No Blanket																		
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FMVSS 208																			
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	Handle Down																		
	Sunshield Up																		
	Blanket 2																		

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006			1													
	Customer:	Katzkin Leath	or		ł													
	Job Number:	C07I7-009.1A			+													
E	UOD Humber.	00111-003.1A																
atic			ATD								Vel	icle						
E	Туре	Nur	nber	We	ight		Ye	ear	Ma	ike	Ma		Body	Style	VI	N #		
le le	06/AF05/OCATD6	025/111/1	44/513/528	16.2/23.4/4	9.2/20.7/47.1		20	07	Ch	evy	Trail	Blazer	4 Door SUV	Factory Trim	1GNDT13S	172108211		
Test Information																		
Te										AF05/OCATD6 o CRS ATD's	OCATD5							
	Test Conditions		3-Year			6-Year			5th% Female									
	Position 1	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear								
	Sitting Normal	Pass	Pass	Pass	**Notch 8 Pass	Pass	Pass	Pass	Pass	Pass								
	Position 2																	
	Sitting Reclined +25 deg	Pass	Pass	Pass	**Notch 8 Pass	Pass	Pass											
	Position 3 Sitting Back Not Against Seat Back	**Notch 1 Pass	Pass	Pass														
	Position 4 Sitting On Edge	Pass	Pass	Pass	Pass	Pass	Pass											
	Position 5																	
	Standing On Seat Facing Forward	Pass	Pass	Pass														
	Position 6																	
	Kneeling On Seat Facing Forward	Pass	Pass	Pass														
50	Position 7																	
FMVSS 208	Kneeling On Seat Facing Rearward	Pass	Pass	Pass														
	Position 8 Lying On Seat (Only If 3 Front Seating Positions)	N/A	N/A	N/A														
	Position 9 Sitting In Seat Leaning On Passenger Door				**Notch 8 Pass	Pass	Pass											

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

\*\*\* Will Not Fit In Full Middle Position

36



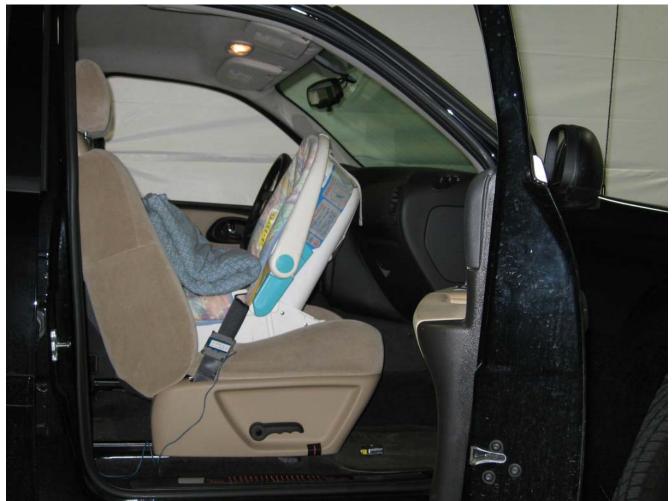
Newborn Dreamride 180 For Pos 0001.JPG



Newborn Dreamride 180 Mid Pos 0001.JPG



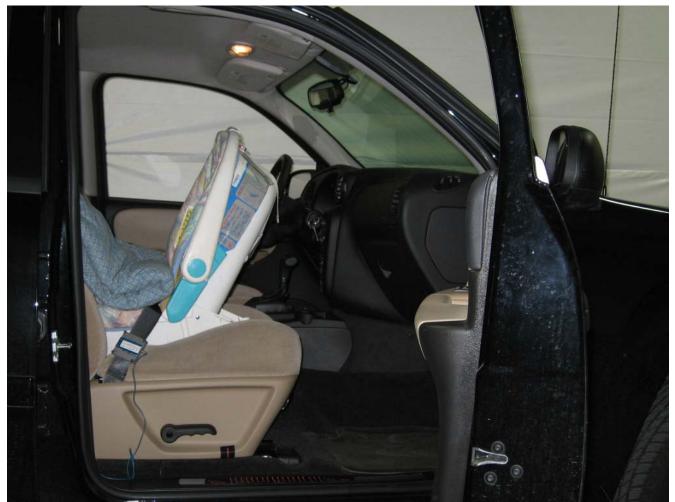
Newborn Dreamride 180 Rear Pos 0001.JPG



Newborn Dreamride WB For Pos 0001.JPG



Newborn Dreamride WB Mid Pos 0001.JPG



Newborn Dreamride WB Rear Pos 0001.JPG



Newborn Dreamride WoB For Pos 0001.JPG



Newborn Dreamride WoB Mid Pos 0001.JPG



Newborn Dreamride WoB Rear Pos 0001.JPG



CRABI-12 Handle WCare 180 For Pos 0001.JPG



CRABI-12 Handle WCare 180 Mid Pos 0001.JPG



CRABI-12 Handle WCare 180 Rear Pos 0001.JPG



CRABI-12 Handle WCare WB For Pos 0001.JPG



CRABI-12 Handle WCare WB Mid Pos 0001.JPG



CRABI-12 Handle WCare WB Rear Pos 0001.JPG



CRABI-12 Handle WCare WoB For Pos 0001.JPG



CRABI-12 Handle WCare WoB Mid Pos 0001.JPG



CRABI-12 Handle WCare WoB Rear Pos 0001.JPG



CRABI-12 SmartFit WB 180 For Pos 0001.JPG



CRABI-12 SmartFit WB 180 Mid Pos 0001.JPG



CRABI-12 SmartFit WB 180 Rear Pos 0001.JPG



CRABI-12 SmartFit WB WB For Pos 0001.JPG



CRABI-12 SmartFit WB WB Mid Pos 0001.JPG



CRABI-12 SmartFit WB WB Rear Pos 0001.JPG



CRABI-12 SmartFit WB WoB For Pos 0001.JPG



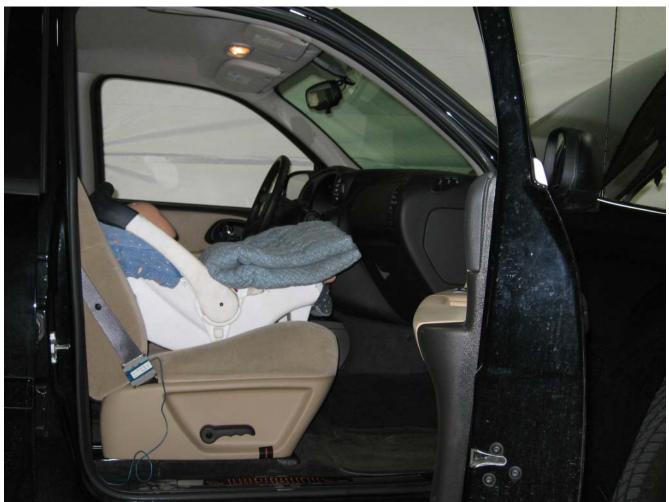
CRABI-12 SmartFit WB WoB Mid Pos 0001.JPG



CRABI-12 SmartFit WB WoB Rear Pos 0001.JPG



CRABI-12 SmartFit WoB 180 For Pos 0001.JPG



CRABI-12 SmartFit WoB 180 Mid Pos 0001.JPG



CRABI-12 SmartFit WoB 180 Rear Pos 0001.JPG



CRABI-12 SmartFit WoB WB Mid Pos 0001.JPG



CRABI-12 SmartFit WoB WB Rear Pos 0001.JPG



CRABI-12 SmartFit WoB WoB Mid Pos 0001.JPG



CRABI-12 SmartFit WoB WoB Rear Pos 0001.JPG



CRABI-12 Infant WB 180 For Pos 0001.JPG



CRABI-12 Infant WB 180 Mid Pos 0001.JPG



CRABI-12 Infant WB 180 Rear Pos 0001.JPG



CRABI-12 Infant WB WB Mid Pos 0001.JPG



CRABI-12 Infant WB WB Rear Pos 0001.JPG



CRABI-12 Infant WB WoB Mid Pos 0001.JPG



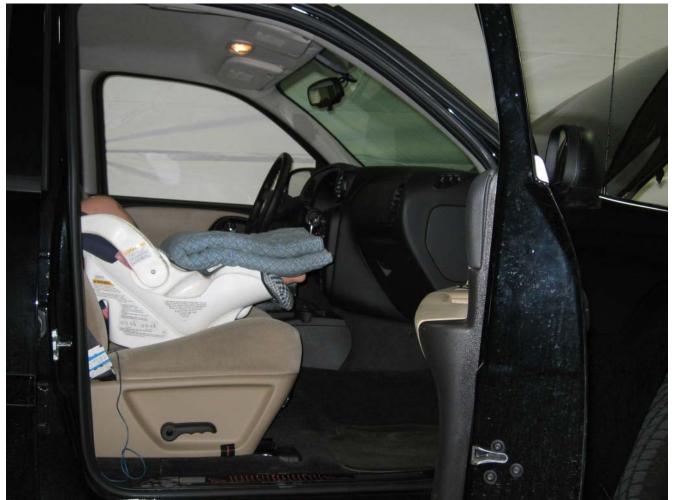
CRABI-12 Infant WB WoB Rear Pos 0001.JPG



CRABI-12 Infant WoB 180 For Pos 0001.JPG



CRABI-12 Infant WoB 180 Mid Pos 0001.JPG



CRABI-12 Infant WoB 180 Rear Pos 0001.JPG



CRABI-12 Infant WoB WB For Pos 0001.JPG



CRABI-12 Infant WoB WB Mid Pos 0001.JPG



CRABI-12 Infant WoB WB Rear Pos 0001.JPG



CRABI-12 Infant WoB WoB For Pos 0001.JPG



CRABI-12 Infant WoB WoB Mid Pos 0001.JPG



CRABI-12 Infant WoB WoB Rear Pos 0001.JPG



CRABI-12 Encore WB RF For Pos 0001.JPG



CRABI-12 Encore WB RF Mid Pos 0001.JPG



CRABI-12 Encore WB RF Rear Pos 0001.JPG



CRABI-12 Encore WoB RF For Pos 0001.JPG



CRABI-12 Encore WoB RF Mid Pos 0001.JPG



CRABI-12 Encore WoB RF Rear Pos 0001.JPG



CRABI-12 Olympian WB RF For Pos 0001.JPG



CRABI-12 Olympian WB RF Mid Pos 0001.JPG



CRABI-12 Olympian WB RF Rear Pos 0001.JPG



CRABI-12 Olympian WoB RF For Pos 0001.JPG



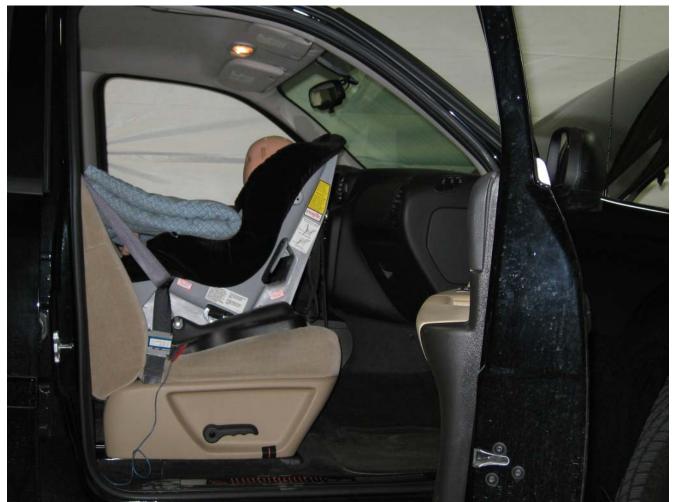
CRABI-12 Olympian WoB RF Mid Pos 0001.JPG



CRABI-12 Olympian WoB RF Rear Pos 0001.JPG



CRABI-12 Medallion WB RF For Pos 0001.JPG



CRABI-12 Medallion WB RF Mid Pos 0001.JPG



CRABI-12 Medallion WB RF Rear Pos 0001.JPG



CRABI-12 Medallion WoB RF For Pos 0001.JPG



CRABI-12 Medallion WoB RF Mid Pos 0001.JPG



CRABI-12 Medallion WoB RF Rear Pos 0001.JPG



AC03 ISOFIX For Pos 0001.JPG



AC03 ISOFIX Mid Pos 0001.JPG



AC03 ISOFIX Rear Pos 0001.JPG



AC03 Encore For Pos 0001.JPG



AC03 Encore Mid Pos 0001.JPG



AC03 Encore Rear Pos 0001.JPG



AC03 Olympian For Pos 0001.JPG



AC03 Olympian Mid Pos 0001.JPG



AC03 Olympian Rear Pos 0001.JPG



AC03 Medallion For Pos 0001.JPG



AC03 Medallion Mid Pos 0001.JPG



AC03 Medallion Rear Pos 0001.JPG



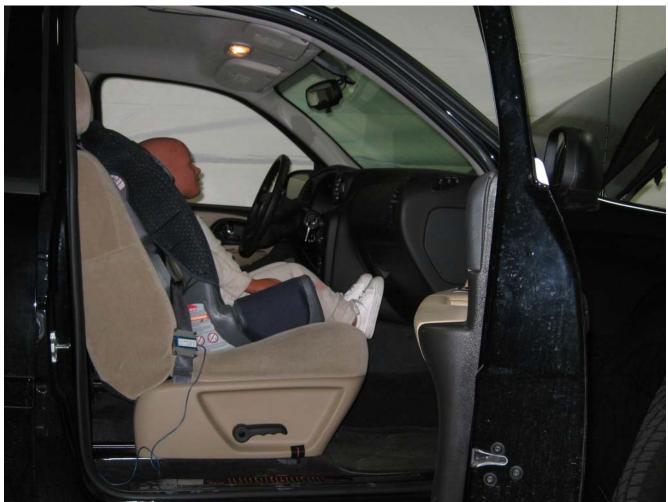
AC03 Roadster For Pos 0001.JPG



AC03 Roadster Mid Pos 0001.JPG



AC03 Roadster Rear Pos 0001.JPG



AC03 Next Step For Pos 0001.JPG



AC03 Next Step Mid Pos 0001.JPG



AC03 Next Step Rear Pos 0001.JPG



AC06 Roadster For Pos 0001.JPG



AC06 Roadster Mid Pos 0001.JPG



AC06 Roadster Rear Pos 0001.JPG



AC06 Next Step For Pos 0001.JPG



AC06 Next Step Mid Pos 0001.JPG



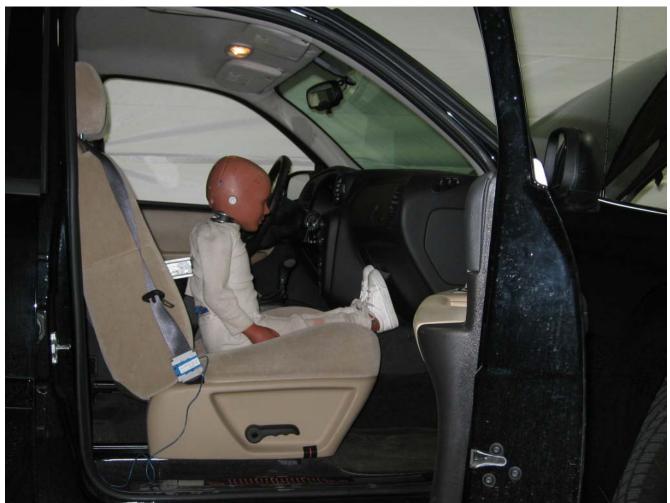
AC06 Next Step Rear Pos 0001.JPG



AC03 For Pos 0001.JPG



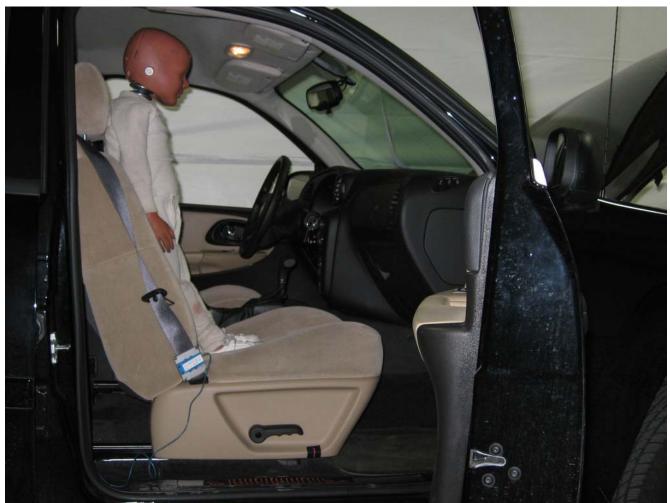
AC03 For Pos 0002.JPG



AC03 For Pos 0003.JPG



AC03 For Pos 0004.JPG



AC03 For Pos 0005.JPG



AC03 For Pos 0006.JPG



AC03 For Pos 0007.JPG



AC03 Mid Pos 0001.JPG



AC03 Mid Pos 0002.JPG



AC03 Mid Pos 0003.JPG



AC03 Mid Pos 0004.JPG



AC03 Mid Pos 0005.JPG



AC03 Mid Pos 0006.JPG



AC03 Mid Pos 0007.JPG



AC03 Rear Pos 0001.JPG



AC03 Rear Pos 0002.JPG



AC03 Rear Pos 0003.JPG



AC03 Rear Pos 0004.JPG



AC03 Rear Pos 0005.JPG



AC03 Rear Pos 0006.JPG



AC03 Rear Pos 0007.JPG



AC06 For Pos 0001.JPG



AC06 For Pos 0002.JPG



AC06 For Pos 0003.JPG



AC06 For Pos 0004.JPG



AC06 Mid Pos 0001.JPG



AC06 Mid Pos 0002.JPG



AC06 Mid Pos 0003.JPG



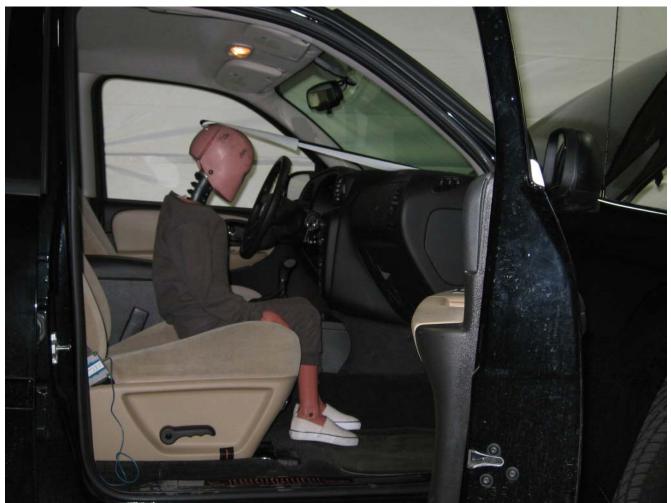
AC06 Mid Pos 0004.JPG



AC06 Rear Pos 0001.JPG



AC06 Rear Pos 0002.JPG



AC06 Rear Pos 0003.JPG



AC06 Rear Pos 0004.JPG



AF05 For Pos 0001.JPG



AF05 Mid Pos 0001.JPG



AF05 Rear Pos 0001.JPG



mga research corporation

## MGA RESEARCH CORPORATION FMVSS 208 SUPPRESSION KATZKIN LEATHER CHEVY TRAIL BLAZER KATZKIN TRIM





# mga research corporation

### **TEST REPORT**

MGA REPORT NO.:	C07I7-009.1B
TEST (S) PERFORMED ON:	November 22, 2006
TEST DESCRIPTION:	FMVSS 208 - Suppression
ITEM DESCRIPTION:	One (1) Chevy Trail Blazer Manual Seat w/Katzkin Trim
PROCEDURE NUMBER:	MGATP208 – 12SUP_DS14.doc Last revision date: 09/15/03
TEST REFERENCE NUMBER (S):	SU6596 – SU6613
TEST LABORATORY:	MGA Research Corporation 446 Executive Drive Troy, Michigan 48083
SUBMITTED TO:	Kirk Scott Vice President, OEM Sales Katzkin Leather, Inc. 6868 Acco Street

MGA PERSONNEL:

telend Kalito

Helen Kaleto Project Leader

Montebello, CA 90640

<u>Test Personnel:</u> Louis S. Campbell Tony Frontera

\* The results presented in this report relate only to the specified test items.

\*\* This report shall not be reproduced except in full, without the written approval of the laboratory.



#### **Objective**

This report contains results for FMVSS 208 – Suppression testing requested by Katzkin Leather, Inc. The test samples provided were tested to the requirements stated in FMVSS 208 (49CFR 572, Subpart N S20 dated 01/14/03). A testing matrix was constructed based upon the requirements and needs of Katzkin on one (1) vehicle with one (1) seat (Chevy Trail Blazer) with Katzkin Leather trim. No statement of compliancy will be made in this report.

#### **Purpose**

This standard specifies requirements for airbag suppression determination in the right front outboard seating position to eliminate the inflation of the passenger-side airbag when there is no occupant, an unrestrained child, or a child restraint system in the event of a collision.

#### FMVSS 208 Requirements

The National Highway Traffic Safety Administration (NHTSA) Test Procedure FMVSS 208-TP-12 specified the requirements of this test series.

Compliance shall be determined by the following:

- (a) Place the Child Restraint System (CRS) at the designated seating position.
- (b) Tighten the seat belt load to  $130N \pm 3N$  for child seats.
- (c) Tighten the seat belt load to 9N 18N for booster seats.
- (d) Shut all doors and turn the vehicle ignition to the on position.
- (e) Verify that the airbag suppression light is off.

#### Additional Customer-Specified Requirements

Per request, one (1) photograph was taken (passenger side) of each individual car seat and dummy position.

#### <u>Equipment</u>

MGA Research Corporation's FMVSS 208 Child Seats were used for this testing. For the complete test series, equipment included 10 child seats, a 50 lbs load cell, and the following dummies: Newborn Infant, CRABI 12 month-old, Hybrid III 3 year-old, Hybrid III 6 year-old, and Hybrid III 5<sup>th</sup>% Female.

#### Procedure/Method

Each vehicle was tested in accordance with FMVSS 208-12 test procedure Data Sheets 14-21 & 29. For each test scenario, the vehicle ignition was cycled and the suppression was verified.

#### Test Results

1 car bed, 3 rear facing, 4 convertible, and 2 booster Child Restraint Systems (CRS) were used to evaluate each seat. All tests requiring the Dummies were completed. All tests were conducted with respect to the standard. The Chevy Trail Blazer with Katzkin Leather trim appeared to meet the requirements of FMVSS 208 Suppression. All data traceable to the National Institute of Standards and Technology (NIST).



## mga research corporation

Date:11/21/2006Customer:Katzkin LeatherMGA Job Number:C0717-009.1B

#### VEHICLE INFORMATION:

Year:	2007
Make:	Chevy
Model:	Trail Blazer
Body Style:	4 Door SUV Katzkin Trim
VIN Number:	1GNDT13S172108211

#### **DESCRIPTION OF TEST PROCEDURE:**

This test procedure is used to conduct airbag suppression determination testing for FMVSS 208 – Occupant Crash Protection procedures. This procedure is based upon Data Sheet(s) 14 of the NHTSA Test Procedure (TP208-12).

Test Personnel: TF

#### PASSENGER DESIGNATED SEATING POSITIONS:

Using any part of any control, other than the parts just used for fore-aft positioning, determine the range of angles of the seat cushion reference line and set the seat cushion reference line at the mid-angle.

Maximum Angle: Minimum Angle: Mid Angle:

Visually mark for future reference the seat back angle, if adjustable, at the manufacturer's nominal design riding position for a 50th percentile adult male in the manner specified by the manufacturer.

Design Seat Back Angle: Actual Seat Back Angle:

2.4 @ Headrest

#### BUCKET SEATS:

Locate and mark for future reference the longitudinal centerline of the seat cushion. The longitudinal centerline of a bucket seat cushion is determined at the widest part of the seat cushion. Measure perpendicular to the longitudinal centerline of the vehicle.

Width Of Seat Cushion:5541/2 Width Of Seat Cushion:277

#### **BENCH SEATS:**

Locate and mark for future reference the longitudinal centerline of the passenger seat cushion. The longitudinal centerline is the same distance from the longitudinal centerline of the vehicle as the center of the steering wheel.

Distance from the centerline of vehicle to center of steering wheel: N/A

Distance From The Centerline Of Vehicle To Center Of Passenger Seat: N/A

#### HEAD RESTRAINTS:

Measure the vertical distance from the top most point of the head restraint to the bottom most point. Locate and mark a horizontal plane through the midpoint of this distance.

Height Of Head Restraint:192Mid-Point Height:96

#### SEAT BELT ANCHORAGES:

Place any adjustable seat belt anchorages at the vehicle manufacturer's nominal design position for a 50<sup>th</sup> percentile adult male occupant.

Design Anchorage Position:	Fixed
Actual Anchorage Position:	Fixed

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		Katzkin Leat	her		1												
		C0717-009.1E			ł												
5																	
ati			ATD								Veł	nicle					
Ē	Туре	Nu	mber	We	eight	1	Y	ear	Ma	ike	Mo	del	Body	Style	VI	N #	
e e	Newborn	1	26	3.	4kg	1	20	007	Ch	evy	Trail	Blazer	4 Door SUV	Katzkin Trim	1GNDT138	5172108211	
=					-												
Test Information										Section A Newborn							
										Cosco							
										Dreamride							
			Flat As Car Be	d				Sitting As	s Rear Facing I	nfant Seat							
	Test Conditions		With Belt			With Belt			With Out Belt			80° With Out B					
		Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear				
	Handle Down																
	Sunshield Down No Blanket (No Accessories)																
	Handle Up	-		-		-	-				-		-				
	Sunshield Down No Blanket																
	Handle Up Sunshield Up No Blanket																
	Handle Down Sunshield Up No Blanket																
	Handle Down Sunshield Down Blanket 1	N/A	N/A	N/A	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass				
	(No Accessories)				82.0N	82.4N	77.4N										
_	Handle Up Sunshield Down																
FMVSS 208	Blanket 1																
FMV	Handle Up Sunshield Up Blanket 1																
	Handle Down Sunshield Up Blanket 1																
	Handle Down Sunshield Down Blanket 2 (No Accessories)																
	Handle Up Sunshield Down Blanket 2																
	Handle Up Sunshield Up Blanket 2																
	Handle Down Sunshield Up Blanket 2																

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006															
		Katzkin Leat	her		+												
		C07I7-009.1B			1												
5					1												
atic			ATD								Vehio	cle					
Ĕ	Туре	Nu	nber	We	eight		Y	ear	Ma	ake	Mod		Body	Style	VI	N #	
ē	12-Month		06	10	.2kg		20	007	Ch		Trail B			Katzkin Trim	1GNDT13S		
E										,							
Test Information										Section B 12-Month Britax ndle With Care	8						
	Test Conditions		With Belt			With Out Belt		1	80° With Out B	elt							
	1 CSt Conditions	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear							
	Handle Down	Torward	Wilduic	rtear	Torward	Wilddie	rtear	Torward	Wilddie	rtear							
	Sunshield Down No Blanket (No Accessories)																
	Handle Up Sunshield Down No Blanket																
	Handle Up Sunshield Up No Blanket																
	Handle Down Sunshield Up No Blanket																
	Handle Down Sunshield Down Blanket 1 (No Accessories)	**Notch 2 Pass 109.6N	Pass 107.4N	Pass 105.4N	**Notch 3 Pass	Pass	Pass	Pass	Pass	Pass							
FMVSS 208	Handle Up Sunshield Down Blanket 1																
FMVS	Handle Up Sunshield Up Blanket 1																
	Handle Down Sunshield Up Blanket 1																
	Handle Down Sunshield Down Blanket 2 (No Accessories)																
	Handle Up Sunshield Down Blanket 2																
	Handle Up Sunshield Up Blanket 2																
	Handle Down Sunshield Up Blanket 2																

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006																	
		Katzkin Leath	her																
		C07I7-009.1B			1														
ы																			
lati			ATD									nicle							
1.2	Туре		mber	We	eight	1		ear		ake		del		/ Style	VI				
nfc	12-Month	1	06	10	.2kg		20	007	Ch	evy	Trail	Blazer	4 Door SUV	Katzkin Trim	1GNDT13S	172108211			
Test Information										Section B 12-Month Century									
										Smart Fit									
						With Base									With Out Base				
	Test Conditions		With Belt			With Out Belt	r		80° With Out Be			With Belt	1		With Out Belt			80° With Out Be	
		Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear
	Handle Down Sunshield Down No Blanket (No Accessories)																		
	Handle Up Sunshield Down No Blanket																		
	Handle Up Sunshield Up No Blanket																		
	Handle Down Sunshield Up No Blanket																		
	Handle Down Sunshield Down Blanket 1 (No Accessories)	**Notch 8 Pass 95.3N	Pass 93.0N	Pass 90.3N	•	**Notch 10 Pass	Pass	Pass	Pass	Pass	•	**Notch 10 Pass 116.1N	Pass 113.2N	•	***Notch 14 Pass	Pass	Pass	Pass	Pass
	Handle Up																		
S 208	Sunshield Down Blanket 1																		
FMVSS 208	Handle Up Sunshield Up Blanket 1																		
	Handle Down Sunshield Up Blanket 1																		
	Handle Down Sunshield Down Blanket 2 (No Accessories)																		
	Handle Up Sunshield Down Blanket 2																		
	Handle Up Sunshield Up Blanket 2																		
	Handle Down Sunshield Up Blanket 2																		
-										15									

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006			1														
	Customer:	Katzkin Leat	her		1														
	Job Number:	C0717-009.1E			-														
E	000 11010011																		
atic			ATD								Vel	nicle							
Ĕ	Туре	Nu	mber	We	ight	1	v	ear	Ma	ko		odel	Body	Style	VI	N #			
fo	12-Month		06		.2kg	1	2	007	Che			Blazer		Katzkin Trim		5172108211			
=						1	_			,		BIGEO					1	1	
Test Information										Section B									
-										12-Month									
										Graco									
										Infant									
						With Base									With Out Base				
	Test Conditions		With Belt			With Out Belt		1	80° With Out Be	elt		With Belt			With Out Belt		1	80° With Out Be	lt
		Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear
	Handle Down																		
	Sunshield Down																		
	No Blanket																		
	(No Accessories	)																	
	Handle Up																		
	Sunshield Down																		
	No Blanket																		
	Handle Up																		
	Sunshield Up																		
	No Blanket																		
	Ho Blantor																		
	Handle Down																		
	Sunshield Up																		
	No Blanket																		
	Handle Down		***Notch 11	Pass							**Notch 3	Pass	Pass						
	Sunshield Down		Pass	1 400	•	***Notch 11	Pass	**Notch 2	Pass	Pass	Pass	1 400	1 400	**Notch 4	Pass	Pass	Pass	Pass	Pass
	Blanket 1		79.3N	76.6N		Pass		Pass			121.7N	120.5N	118.1N	Pass					
	(No Accessories Handle Up	,																	
	Sunshield Down																		
8	Blanket 1																		
22	Diamot																		
FMVSS 208	Handle Up																		
Σ	Sunshield Up																		
	Blanket 1																		
	Handle Down																		
	Sunshield Up																		
	Blanket 1																		
	Handle Down																		
	Sunshield Down																		
	Blanket 2																		
	(No Accessories)	)																	
	Handle Up																		
	Sunshield Down																		
	Blanket 2																		
	Handle Up																		
	Sunshield Up																		
	Blanket 2																		
	Handle Down																		
	Sunshield Up																		
	Blanket 2																		
1																			

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

-	Date:	11/22/2006															
		Katzkin Leath	her		+												
		C0717-009.1B			+												
E	COD Number.	00111 003.10															
atic			ATD								Veh	icle					
Ĕ	Туре	Nur	nber	We	eight	ł	Y	ear	Ma	ake	Mo		Body	Style	VIN	1#	
ē	12-Month		06	10	.2kg	ł		007	Ch		Trail E			Katzkin Trim	1GNDT13S		
드						1	_			,		510201	1000.001				1
Test Information		1								Section C 12-Month Century Encore	1						
						Rear Facing									Forward Facing	l	
	Test Conditions		With Belt			With Out Belt			T	r		With Belt			With Out Belt		 
		Forward	Middle	Rear	Forward	Middle	Rear				Forward	Middle	Rear	Forward	Middle	Rear	
	Handle Down Sunshield Down No Blanket (No Accessories)																
	Handle Up Sunshield Down No Blanket																
	Handle Up Sunshield Up No Blanket																
	Handle Down Sunshield Up No Blanket																
	Handle Down Sunshield Down Blanket 1 (No Accessories)	**Notch 3 Pass 106.5N	Pass 105.6N	Pass 102.8N	**Notch 3 Pass	Pass	Pass										
FMVSS 208	Handle Up Sunshield Down Blanket 1																
FMVS	Handle Up Sunshield Up Blanket 1																
	Handle Down Sunshield Up Blanket 1																
	Handle Down Sunshield Down Blanket 2 (No Accessories)																
	Handle Up Sunshield Down Blanket 2																
	Handle Up Sunshield Up Blanket 2																
	Handle Down Sunshield Up Blanket 2																

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006			1														
		Katzkin Leath	her		1														
		C07I7-009.1B			1														
E					1														
atic			ATD			1					Veh	icle							
Ë	Туре	Nur	nber	We	eight	+	Y	ear	Ma	ake	Mo		Body	Style	VI	J #			
for	12-Month		06		.2kg			007	Ch		Trail I			Katzkin Trim	1GNDT13S				
-	12 1001111		00	10.	.zng		-		011	,	Train	Dideci	4 0001 001		TONDITIO	112100211			
Test Information										Section C 12-Month Cosco Olympian									
		1				Rear Facing				Olympian					Forward Facing	•			
	Test Conditions		With Belt		1	With Out Belt			225			With Belt		· · · · · ·	With Out Belt	,	1	225	
	rest conditions	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear
	Handle Down	TOIWalu	Wildule	Itedi	TOrward	Wildule	iteai	TOIWard	Wildule	Iteai	TOTWaru	wildule	Itea	TOIWalu	Wildule	Iteai	TOIWalu	Wildule	Iteai
	Sunshield Down No Blanket (No Accessories) Handle Up																		
	Sunshield Down No Blanket Handle Up																		
	Sunshield Up No Blanket																		
	Handle Down Sunshield Up No Blanket																		
	Handle Down Sunshield Down Blanket 1 (No Accessories)	**Notch 5 Pass 126.5N	Pass 122.6N	Pass 120.0N	**Notch 5 Pass	Pass	Pass												
FMVSS 208	Handle Up Sunshield Down Blanket 1																		
FMVS	Handle Up Sunshield Up Blanket 1																		
	Handle Down Sunshield Up Blanket 1																		
	Handle Down Sunshield Down Blanket 2 (No Accessories)																		
	Handle Up Sunshield Down Blanket 2																		
	Handle Up Sunshield Up Blanket 2																		
	Handle Down Sunshield Up Blanket 2																		

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

-	Date:	11/22/2006																
		Katzkin Leat	or		+													
		C0717-009.1E			-													
Ē	JOD NUMBER.	C0/1/-009.1E																
Ę.			ATD			1	1				Veh	iala					1	
ma	Туре	Nim	nber	Wa	eight	-	v	ear	Ma	ake	Mo		Body	Stude	VI	1#		
ē	12-Month		06	10	.2kg	-	20	007	Ch		Trail E			Katzkin Trim	1GNDT13S			
드	12-1001101		00	10.	.219	1	20	507		evy	Tant	Jiazei	4 0001 30 V		IGNUTISS	172100211	1	
Test Information										Section C 12-Month Evenflo								
										Medallion								
						Rear Facing									Forward Facing	I		
	Test Conditions		With Belt			With Out Belt				r		With Belt			With Out Belt		T	
		Forward	Middle	Rear	Forward	Middle	Rear				Forward	Middle	Rear	Forward	Middle	Rear		
	Handle Down Sunshield Down No Blanket (No Accessories) Handle Up																	
	Sunshield Down No Blanket Handle Up																	
	Sunshield Up No Blanket																	
	Handle Down Sunshield Up No Blanket																	
	Handle Down Sunshield Down Blanket 1 (No Accessories)	Pass 96.5N	Pass 94.9N	Pass 94.6N	**Notch 1 Pass	Pass	Pass											
FMVSS 208	Handle Up Sunshield Down Blanket 1																	
FMVS	Handle Up Sunshield Up Blanket 1																	
	Handle Down Sunshield Up Blanket 1																	
	Handle Down Sunshield Down Blanket 2 (No Accessories)																	
	Handle Up Sunshield Down Blanket 2																	
	Handle Up Sunshield Up Blanket 2																	
	Handle Down Sunshield Up Blanket 2																	

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006																	
	Customer:	Katzkin Leather																	
	Job Number:	C0717-009.1B																	
5																			
atio			ATD								Veh	nicle							
E	Туре	Numbe		Wei	ght		Ye	ear	Ma	ike		del	Body	Style	VI	N #			
ę	12-Month/3-Yea			10.2/			20	007	Ch	evy	Trail	Blazer		Katzkin Trim	1GNDT135	5172108211			
		1											1						
Test Information										Section C Month/3-Year Britax ISOFIX									
						12-Month				1001 11					3-Year				
	Test Conditions	1	With Belt			With Out Belt			225			With Belt						225	
			Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear	Forward	Middle	Rear				Forward	Middle	Rear
	Handle Down										**Notch 1	Pass	Pass						
	Sunshield Down										Pass	FdSS	FdSS				N/A	N/A	N/A
	No Blanket (No Accessories)										93.9N	91.7N	85.3N				N/A	17/5	
	Handle Down																		
	Sunshield Down No Blanket																		
	Handle Up																		
	Sunshield Up No Blanket																		
	Handle Down																		
	Sunshield Up																		
	No Blanket																		
	Handle Down																		
	Sunshield Down Blanket 1																		
	(No Accessories) Handle Up	1																	
FMVSS 208	Sunshield Down Blanket 1																		
VS:	Handle Up																		
FM	Sunshield Up Blanket 1																		
	Handle Down																		
	Sunshield Up Blanket 1																		
	Handle Down																		
	Sunshield Down Blanket 2 (No Accessories)																		
	Handle Up																		
	Sunshield Down Blanket 2																		
	Handle Up																		
	Sunshield Up Blanket 2																		
	Handle Down Sunshield Up																		
	Blanket 2																		

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006			T													
		Katzkin Leath	her		1													
		C07I7-009.1B			1													
5																		
ati			ATD								Veh	icle						
Ē	Туре	Nur	nber	We	eight	t	Ye	ear	Ma	ike	Mo		Body	Style	VI	N #		
ę	3-Year	2	25	16.	.2kg	t	20	007	Ch	evy	Trail E	Blazer	4 Door SUV	Katzkin Trim	1GNDT13S	172108211		
Test Information											•						*	
Te		I								Section C 3-Year Century Encore								
	Test Conditions		With Belt															
	Test Conditions	Forward	Middle	Rear	-	1	1		1	[			1					[
	Handle Down	**Notch 7																
	Sunshield Down No Blanket	Pass	Pass	Pass														
	(No Accessories)	104.5N	100.7N	98.2N														
	Handle Up Sunshield Down																	
	No Blanket																	
	Handle Up																	
	Sunshield Up No Blanket																	
	Handle Down Sunshield Up																	
	No Blanket																	
	Handle Down																	
	Sunshield Down Blanket 1																	
	(No Accessories) Handle Up																	
8	Sunshield Down Blanket 1																	
FMVSS 208	Handle Up																	
FΜV	Sunshield Up Blanket 1																	
	Handle Down																	
	Sunshield Up																	
	Blanket 1																	
	Handle Down Sunshield Down																	
	Blanket 2 (No Accessories)																	
	Handle Up																	
	Sunshield Down Blanket 2																	
	Handle Up																	
	Sunshield Up Blanket 2																	
	Handle Down																	
	Sunshield Up Blanket 2																	

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006																	
	Customer:	Katzkin Leath	er																
	Job Number:																		
5																			
atio			ATD	ATD Vehicle															
Ë	Туре				ight		Y	ear	Ma	ike	Mo		Body	Style	VI	N #			
ē.	3-Year	2			6.2kg					evy	Trail E		4 Door SUV H		1GNDT135				
5	0 Tour	-								,		510201			101121100		1	1	
Test Information						Section C 3-Year Cosco Olympian													
	Test Conditions		With Belt						225										
		Forward	Middle	Rear				Forward	Middle	Rear								1	
	Handle Down	**Notch 8																	
	Sunshield Down	Pass	Pass	Pass				NI/A	NICA	NIZA									
	No Blanket	100 EN	97.5N	93.0N				N/A	N/A	N/A									
	(No Accessories)	100.51	97.50	93.UN															
	Handle Up																		
	Sunshield Down																		
	No Blanket																		
	Handle Up																		
	Sunshield Up																		
	No Blanket																		
	Handle Down																		
	Sunshield Up																		
	No Blanket																		
	Handle Down																		
	Sunshield Down																		
	Blanket 1																		
	(No Accessories)																		
	Handle Up																		
~	Sunshield Down																		
5	Blanket 1																		
SS	11																		
FMVSS 208	Handle Up																		
E L	Sunshield Up																		
	Blanket 1																		
	Handle Down																		
	Sunshield Up																		
	Blanket 1																		
	Diamer																		
	Handle Down																		
	Sunshield Down																		
	Blanket 2																		
	(No Accessories)																		
	Handle Up																		
	Sunshield Down																		
	Blanket 2																		
	Handle Up																		
	Sunshield Up																		
	Blanket 2																		
	Handle Down																		
	Sunshield Up																		
	Blanket 2																		
1																			

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

Date:		11/22/2006																				
	Customer:	Katzkin Leath																				
-	Job Number:	C0717-009.1B																				
ē					Vahicle																	
nat			ATD		Weight Year Make							Vehicle										
15	Туре		nber	Wei	Weight			ear			Мо		Body St			N #						
ufe u	3-Year	2	5	16.2	2kg		20	007	Che	evy	Trail E	Blazer	4 Door SUV Kat	tzkin Trim	1GNDT135	5172108211						
Test Information						Section C 3-Year Evenflo Medallion																
										Weddilloll												
	Test Conditions		With Belt																			
		Forward	Middle	Rear																		
	Handle Down	**Notch 7	Pass																			
	Sunshield Down	Pass	Pass	Pass																		
	No Blanket	101.4N	98.9N	94.9N																		
	(No Accessories	101.4N	98.9N	94.9N																		
	Handle Up																					
	Sunshield Down																					
	No Blanket																					
	Handle Up																					
	Sunshield Up																					
	No Blanket																					
	Handle Down																					
	Sunshield Up																					
	No Blanket																					
	Handle Down																					
	Sunshield Down																					
	Blanket 1																					
	(No Accessories																					
	Handle Up	/																				
	Sunshield Down																					
8	Blanket 1																					
2	Diamor																					
FMVSS 208	Handle Up																					
l ≦	Sunshield Up																					
Ш.	Blanket 1																					
	Diamot																					
	Handle Down																					
	Sunshield Up																					
	Blanket 1																					
	Diamot																					
	Handle Down																					
	Sunshield Down																					
	Blanket 2																					
	(No Accessories																					
	Handle Up	/																				
	Sunshield Down																					
	Blanket 2																					
	Dialitet 2																					
	Handle Up																					
	Sunshield Up																					
	Blanket 2																					
	Diditiket Z																					
	Handle Down	-																				
	Sunshield Up																					
	Blanket 2																					
1																						

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006															
					ł												
		C07I7-009.1B			t												
ы																	
lati	ATD									Veh							
1	Туре	Number W		We	ight	I	Ye	ear		ike	Mo		Body			N #	
nfe	3-Year	2	25	16.	2kg		20	07	Ch	evy	Trail E	Blazer	4 Door SUV	Katzkin Trim	1GNDT13S	172108211	
Test Information																	
۳										Section D 3-Year							
										Britax							
										Roadster							
						9N - 18N											
	Test Conditions		With Belt														
		Forward	Middle	Rear													
	Handle Down Sunshield Down	Pass	Pass	Pass													
	No Blanket																
	(No Accessories)	18.1N	17.2N	17.5N													
	Handle Up																
	Sunshield Down																
	No Blanket																
	Handle Up																
	Sunshield Up																
	No Blanket																
	Handle Down Sunshield Up																
	No Blanket																
	Handle Down																
	Sunshield Down																
	Blanket 1 (No Accessories)																
	Handle Up								1								
~	Sunshield Down																
202	Blanket 1																
FMVSS 208	Handle Up																
₽	Sunshield Up																
LL.	Blanket 1																
	Handle Down Sunshield Up																
	Blanket 1																
	Diamot																
	Handle Down																
	Sunshield Down																
	Blanket 2 (No Accessories)																
	Handle Up																
	Sunshield Down																
	Blanket 2																
	Linedia																
	Handle Up Sunshield Up																
	Blanket 2																
	Handle Down																
	Sunshield Up Blanket 2																
	Dialiket Z																

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

	Date:	11/22/2006																	
		Katzkin Leath	or																
Ę	JOD NUMBER.	C0/11-003.1D																	
atio			ATD				1				Vot	nicle							
E.	Туре	Nur	nber	We	ight		V	ear	Ma	ake		del	Body	Style	VI	N #			
fer 1	3-Year		25	16	2kg		20	007	Ch		Trail			Katzkin Trim	1GNDT13S				
-	0 1001	-		10.	Ling	19 2007 Onery					Train	DIULCI	4 0001 001		TONDITIO				
Test Information							Section D 3-Year Century Next Step												
					r	9N - 18N									127N - 133N				
	Test Conditions		With Belt							r		With Belt							
	Handle Down	Forward	Middle	Rear					1		Forward	Middle	Rear						
											**Notch 5	Pass	Pass						
1	Sunshield Down No Blanket										Pass								
1	(No Accessories)										122.2N	121.1N	118.9N						
	Handle Up								-								-		
	Sunshield Down																		
1	No Blanket																		
1	, to Diamot																		
	Handle Up																		
	Sunshield Up No Blanket																		
	Handle Down Sunshield Up																		
	No Blanket																		
	Handle Down																		
	Sunshield Down Blanket 1																		
	(No Accessories)																		
	Handle Up																		
FMVSS 208	Sunshield Down Blanket 1																		
Ś	Handle Up																		
ΈŴ	Sunshield Up Blanket 1																		
	Handle Down																		
	Sunshield Up Blanket 1																		
1	Handle Down																		
	Sunshield Down Blanket 2 (No Accessories)																		
	Handle Up																		
	Sunshield Down Blanket 2																		
	Handle Up																		
	Sunshield Up Blanket 2																		
	Handle Down Sunshield Up Blanket 2																		

3

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

\*\*\* Will Not Fit In Full Middle Position

	Date:	11/22/2006			1														
	Customer:				+														
		C07I7-009.1B			+														
5																			
atic			ATD								Vehicle								
Ë	Туре	Nur	nber	We	eight	1	Ye	ear	Ma	Make		del	Body	Style	VI	N #			
ę	6-Year		11	23	.4kg	ł	20	007	Ch		Trail I			Katzkin Trim		5172108211			
1																			1
Test Information		Section D																	
		6-Year																	
										Britax									
										Roadster									
						9N - 18N													
	Test Conditions		With Belt			1										r			r
	Handle Down	Forward	Middle	Rear															
	Sunshield Down	**Notch 8 Pass	Pass	Pass															
	No Blanket																		
	(No Accessories)	15.7N	16.0N	15.6N															
	Handle Up					1													
	Sunshield Down																		
	No Blanket																		
	Handle Up																		
	Sunshield Up No Blanket																		
	NU Didriket																		
	Handle Down																		
	Sunshield Up																		
	No Blanket																		
	Handle Down																		
	Sunshield Down																		
	Blanket 1																		
	(No Accessories) Handle Up			-															
	Sunshield Down																		
8	Blanket 1																		
S 2																			
FMVSS 208	Handle Up																		
Σ	Sunshield Up																		
	Blanket 1																		
	Handle Down																		
	Sunshield Up																		
	Blanket 1																		
	Handle Down																		
	Sunshield Down																		
	Blanket 2																		
	(No Accessories)																		
	Handle Up Sunshield Down																		
	Blanket 2																		
	Diamot 2																		
	Handle Up																		
	Sunshield Up																		
	Blanket 2																		
	Line die De	-		-															
	Handle Down Sunshield Up																		
	Blanket 2																		
	Diamot 2																		

3

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

\*\*\* Will Not Fit In Full Middle Position

	Date:	11/22/2006			1															
		Katzkin Leather			+															
5																				
atic			ATD								Veh	icle								
E	Туре	Nur	nber	We	eight	t	Ye	ear	Ma	Make		del	Body	Style	VII	N #				
ę	6-Year		11	23.	.4kg	t	20	07	Ch		Trail E			Katzkin Trim	1GNDT13S					
=					-															
Test Information										Section D 6-Year										
1.																				
					1	9N - 18N														
	Test Conditions		With Belt	-					T											
	Handle Down	Forward	Middle	Rear																
	Sunshield Down	Pass	Pass	Pass																
	No Blanket																			
	(No Accessories)	15.6N	14.9N	14.1N																
	Handle Up																			
	Sunshield Down																			
	No Blanket																			
	Handle Up																			
	Sunshield Up																			
	No Blanket																			
	Handle Down																			
	Sunshield Up																			
	No Blanket																			
	Handle Down																			
	Sunshield Down																			
	Blanket 1																			
	(No Accessories)																			
	Handle Up																			
~	Sunshield Down																			
20	Blanket 1																			
FMVSS 208	Handle Up	-	-		-												-			
Ň	Sunshield Up																			
Ē	Blanket 1																			
	Handle Down																			
	Sunshield Up																			
	Blanket 1																			
	Handle Down																			
	Sunshield Down																			
	Blanket 2																			
	(No Accessories)																			
	Handle Up																			
	Sunshield Down																			
	Blanket 2																			
	Handle Up																			
	Sunshield Up																			
	Blanket 2																			
	Handle Down																			
	Sunshield Up																			
	Blanket 2																			

3

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

\* Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

\*\*\* Will Not Fit In Full Middle Position

<u> </u>	Date:	11/22/2006																	
	Customer:	Katzkin Leather																	
-	Job Number:	C07I7-009.1B																	
tior			ATD				Vehicle												1
ma	Туре	Nur	nber	We	ight		Y	ear	Make			odel	Body Style VIN #			N #			
Jo	06/AF05/OCATD6	025/111/1	44/513/528	16.2/23.4/4	9.2/20.7/47.1		20	007		Chevy		Blazer	4 Door SUV	Katzkin Trim	1GNDT13S	172108211			
Test Information																			
Te	AC03/AC06/AF05/OCATD5 No CRS ATD's																		
	<b>T</b> 10 IV		<u> </u>		1	<u> </u>		T	511 0/ E								1		
	Test Conditions	Forward	3-Year Middle	Rear	Forward	6-Year Middle	Rear	Forward	5th% Female Middle	Rear		1	[						
	Position 1	ronnard	Wildle	Real	rorward	Wilddie	rtear	Torward	Wilddie	Real									
	Sitting Normal	Pass	Pass	Pass	**Notch 8 Pass	Pass	Pass	Pass	Pass	Pass									
	Position 2																		
	Sitting Reclined +25 deg	Pass	Pass	Pass	**Notch 5 Pass	Pass	Pass												
	Position 3																		
	Sitting Back Not Against Seat Back	**Notch 2 Pass	Pass	Pass															
	Position 4																		
	Sitting On Edge	Pass	Pass	Pass	Pass	Pass	Pass												
1	Position 5																		
	Standing On Seat Facing Forward	Pass	Pass	Pass															
	Position 6																		
	Kneeling On Seat Facing Forward	Pass	Pass	Pass															
208	Position 7																		
FMVSS 208	Kneeling On Seat Facing Rearward	Pass	Pass	Pass															
	Position 8 Lying On Seat (Only If 3 Front	N/A	N/A	N/A															
	Seating Positions)																		
	Position 9 Sitting In Seat Leaning On Passenger Door				Pass	Pass	Pass												
	- assenger 2001																		

N/A N/A - No 225 Anchorages

N/A N/A - Due To CRS Configuration

Will Not Fit In This Position

\*\* Will Not Fit In Full Forward Position

\*\*\* Will Not Fit In Full Middle Position

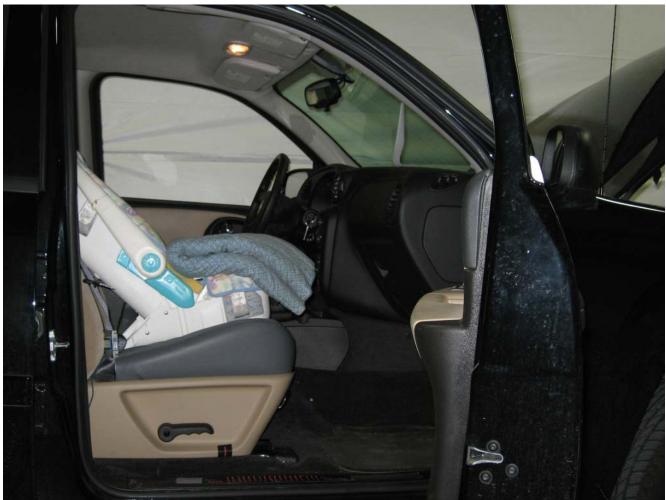
36



Newborn Dream Ride 180 For Pos 0001.JPG



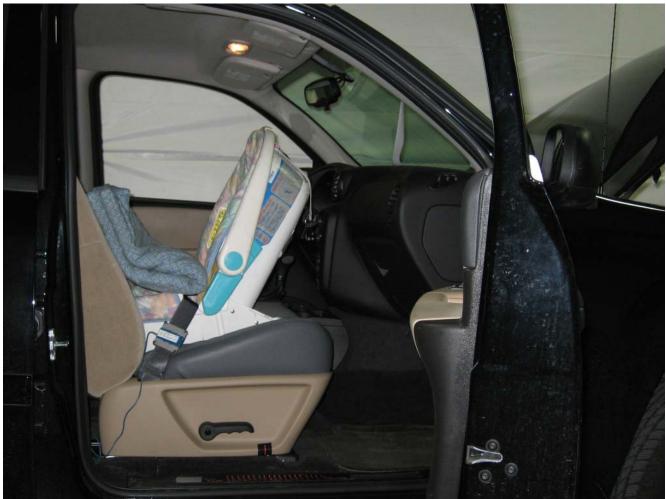
Newborn Dream Ride 180 Mid Pos 0001.JPG



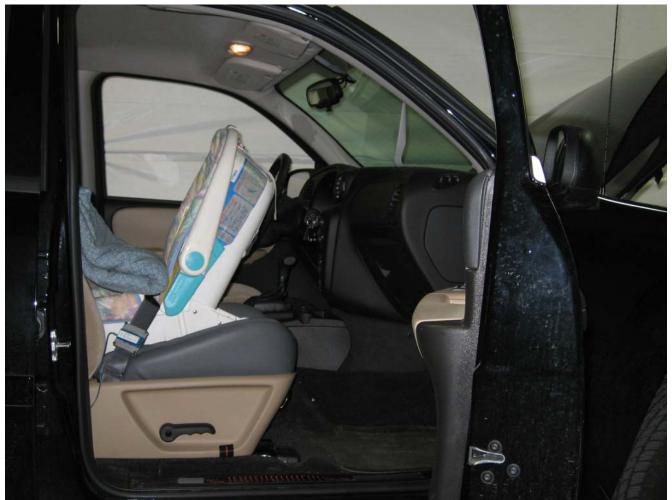
Newborn Dream Ride 180 Rear Pos 0001.JPG



Newborn Dream Ride WB For Pos 0001.JPG



Newborn Dream Ride WB Mid Pos 0001.JPG



Newborn Dream Ride WB Rear Pos 0001.JPG



Newborn Dream Ride WoB For Pos 0001.JPG



Newborn Dream Ride WoB Mid Pos 0001.JPG



Newborn Dream Ride WoB Rear Pos 0001.JPG



CRABI-12 Handle WCare 180 For Pos 0001.JPG



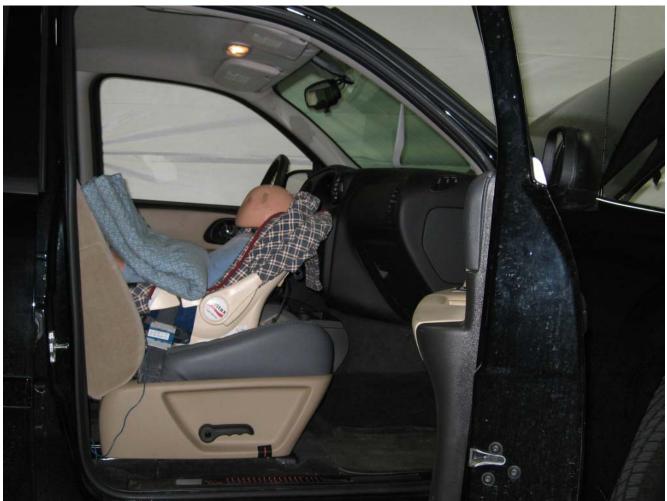
CRABI-12 Handle WCare 180 Mid Pos 0001.JPG



CRABI-12 Handle WCare 180 Rear Pos 0001.JPG



CRABI-12 Handle WCare WB For Pos 0001.JPG



CRABI-12 Handle WCare WB Mid Pos 0001.JPG



CRABI-12 Handle WCare WB Rear Pos 0001.JPG



CRABI-12 Handle WCare WoB For Pos 0001.JPG



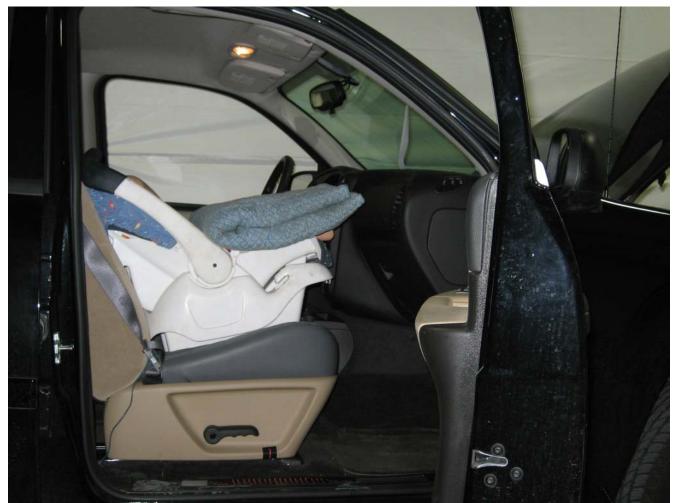
CRABI-12 Handle WCare WoB Mid Pos 0001.JPG



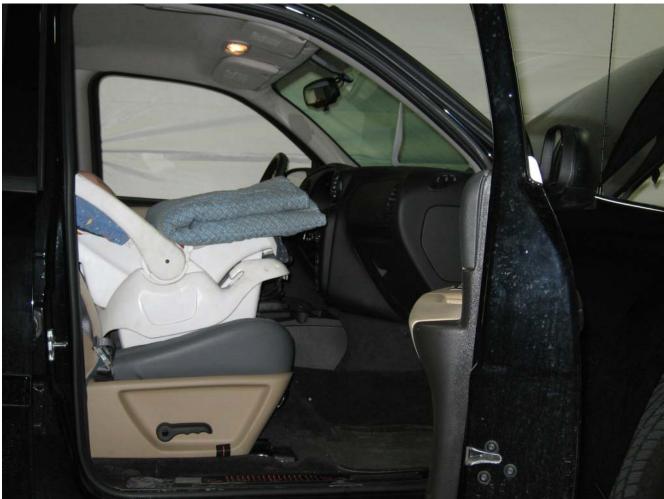
CRABI-12 Handle WCare WoB Rear Pos 0001.JPG



CRABI-12 Smart Fit WB 180 For Pos 0001.JPG



CRABI-12 Smart Fit WB 180 Mid Pos 0001.JPG



CRABI-12 Smart Fit WB 180 Rear Pos 0001.JPG



CRABI-12 Smart Fit WB For Pos 0001.JPG



CRABI-12 Smart Fit WB Mid Pos 0001.JPG



CRABI-12 Smart Fit WB Rear Pos 0001.JPG



CRABI-12 Smart Fit WB WoB Mid Pos 0001.JPG



CRABI-12 Smart Fit WB WoB Rear Pos 0001.JPG



CRABI-12 Smart Fit WoB 180 For Pos 0001.JPG



CRABI-12 Smart Fit WoB 180 Mid Pos 0001.JPG



CRABI-12 Smart Fit WoB 180 Rear Pos 0001.JPG



CRABI-12 Smart Fit WoB WB Mid Pos 0001.JPG



CRABI-12 Smart Fit WoB WB Rear Pos 0001.JPG



CRABI-12 Smart Fit WoB WoB Mid Pos 0001.JPG



CRABI-12 Smart Fit WoB WoB Rear Pos 0001.JPG



CRABI-12 Infant WB 180 For Pos 0001.JPG



CRABI-12 Infant WB 180 Mid Pos 0001.JPG



CRABI-12 Infant WB 180 Rear Pos 0001.JPG



CRABI-12 Infant WB WB Mid Pos 0001.JPG



CRABI-12 Infant WB WB Rear Pos 0001.JPG



CRABI-12 Infant WB WoB Mid Pos 0001.JPG



CRABI-12 Infant WB WoB Rear Pos 0001.JPG



CRABI-12 Infant WoB 180 For Pos 0001.JPG



CRABI-12 Infant WoB 180 Mid Pos 0001.JPG



CRABI-12 Infant WoB 180 Rear Pos 0001.JPG



CRABI-12 Infant WoB WB For Pos 0001.JPG



CRABI-12 Infant WoB WB Mid Pos 0001.JPG



CRABI-12 Infant WoB WB Rear Pos 0001.JPG



CRABI-12 Infant WoB WoB For Pos 0001.JPG



CRABI-12 Infant WoB WoB Mid Pos 0001.JPG



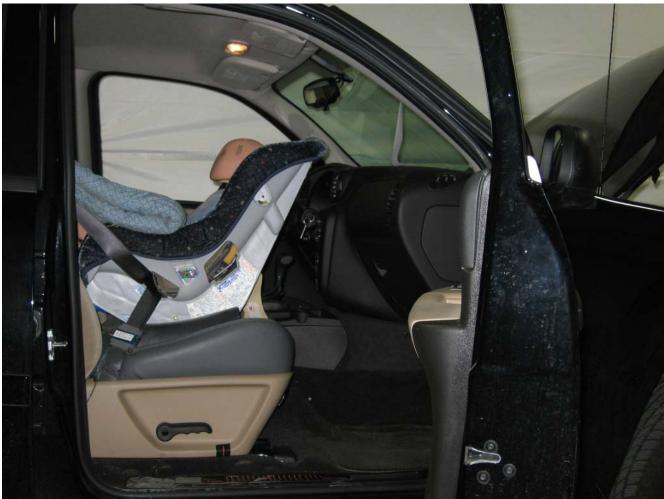
CRABI-12 Infant WoB WoB Rear Pos 0001.JPG



CRABI-12 Encore WB RF For Pos 0001.JPG



CRABI-12 Encore WB RF Mid Pos 0001.JPG



CRABI-12 Encore WB RF Rear Pos 0001.JPG



CRABI-12 Encore WoB RF For Pos 0001.JPG



CRABI-12 Encore WoB RF Mid Pos 0001.JPG



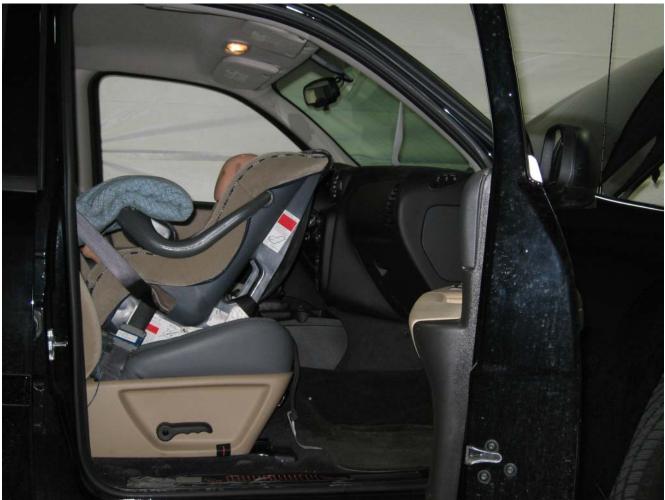
CRABI-12 Encore WoB RF Rear Pos 0001.JPG



CRABI-12 Olympian WB RF For Pos 0001.JPG



CRABI-12 Olympian WB RF Mid Pos 0001.JPG



CRABI-12 Olympian WB RF Rear Pos 0001.JPG



CRABI-12 Olympian WoB RF For Pos 0001.JPG



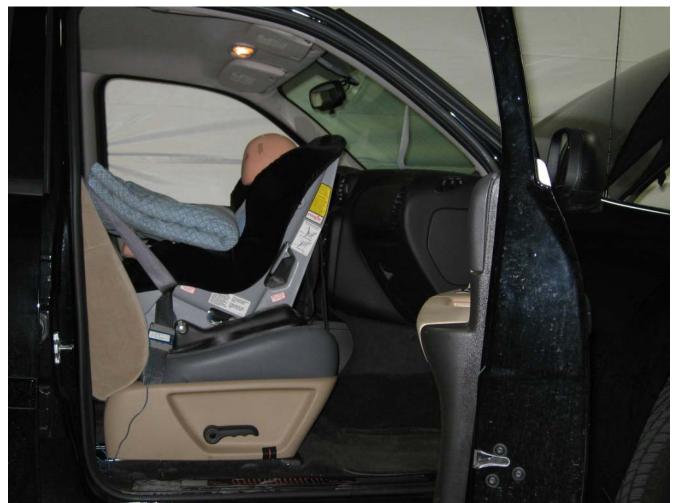
CRABI-12 Olympian WoB RF Mid Pos 0001.JPG



CRABI-12 Olympian WoB RF Rear Pos 0001.JPG



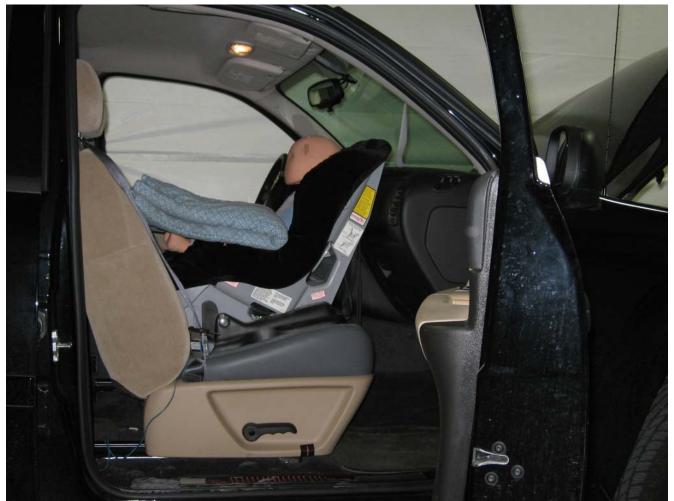
CRABI-12 Medallion WB RF For Pos 0001.JPG



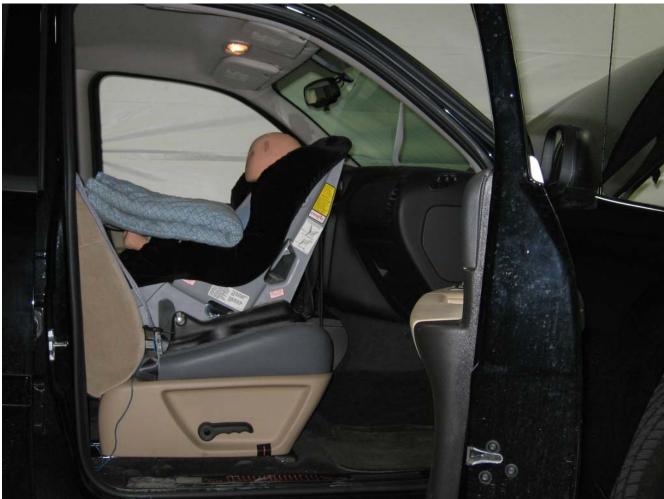
CRABI-12 Medallion WB RF Mid Pos 0001.JPG



CRABI-12 Medallion WB RF Rear Pos 0001.JPG



CRABI-12 Medallion WoB RF For Pos 0001.JPG



CRABI-12 Medallion WoB RF Mid Pos 0001.JPG



CRABI-12 Medallion WoB RF Rear Pos 0001.JPG



AC03 ISOFIX For Pos 0001.JPG



AC03 ISOFIX Mid Pos 0001.JPG



AC03 ISOFIX Rear Pos 0001.JPG



AC03 Encore For Pos 0001.JPG



AC03 Encore Mid Pos 0001.JPG



AC03 Encore Rear Pos 0001.JPG



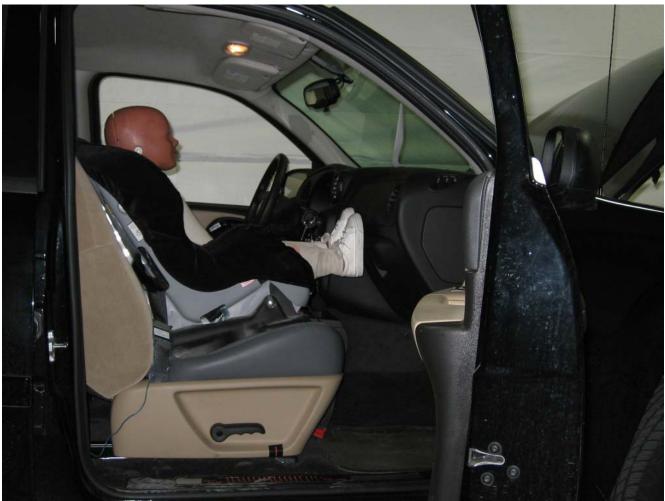
AC03 Olympian For Pos 0001.JPG



AC03 Olympian Mid Pos 0001.JPG



AC03 Olympian Rear Pos 0001.JPG



AC03 Medallion For Pos 0001.JPG



AC03 Medallion Mid Pos 0001.JPG



AC03 Medallion Rear Pos 0001.JPG



AC03 Roadster For Pos 0001.JPG



AC03 Roadster Mid Pos 0001.JPG



AC03 Roadster Rear Pos 0001.JPG



AC03 Next Step For Pos 0001.JPG



AC03 Next Step Mid Pos 0001.JPG



AC03 Next Step Rear Pos 0001.JPG



AC06 Roadster For Pos 0001.JPG



AC06 Roadster Mid Pos 0001.JPG



AC06 Roadster Rear Pos 0001.JPG



AC06 Next Step For Pos 0001.JPG



AC06 Next Step Mid Pos 0001.JPG



AC06 Next Step Rear Pos 0001.JPG



AC03 For Pos 0001.JPG



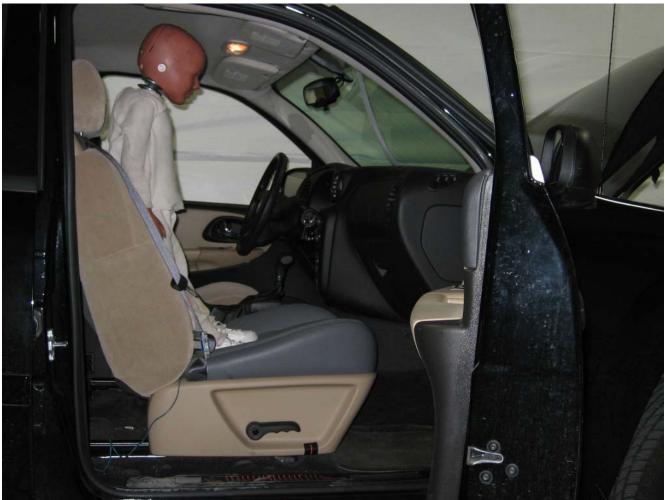
AC03 For Pos 0002.JPG



AC03 For Pos 0003.JPG



AC03 For Pos 0004.JPG



AC03 For Pos 0005.JPG



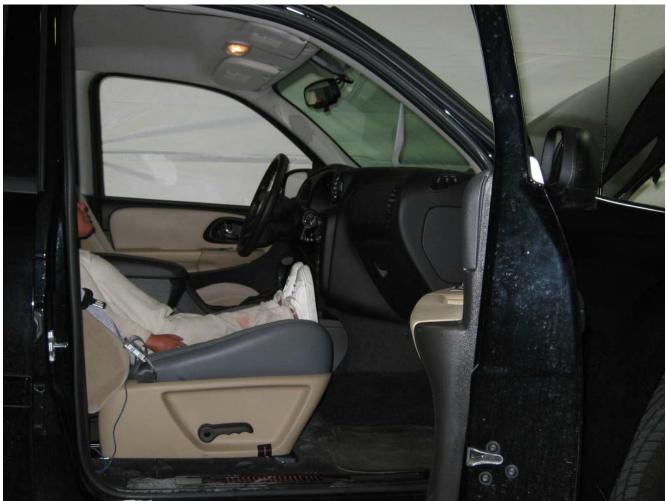
AC03 For Pos 0006.JPG



AC03 For Pos 0007.JPG



AC03 Mid Pos 0001.JPG



AC03 Mid Pos 0002.JPG



AC03 Mid Pos 0003.JPG



AC03 Mid Pos 0004.JPG



AC03 Mid Pos 0005.JPG



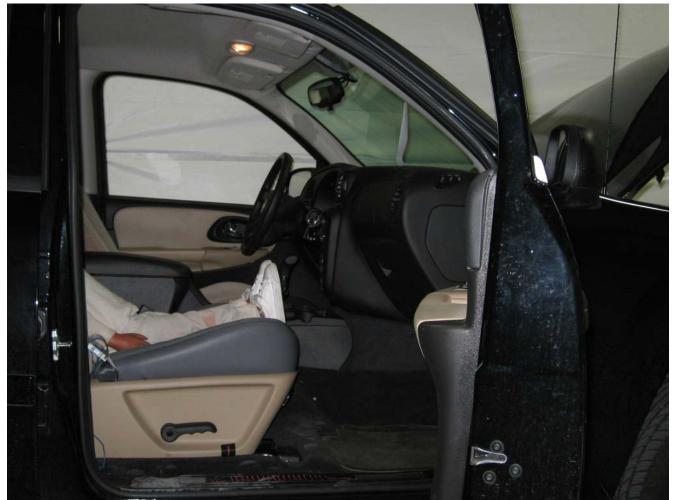
AC03 Mid Pos 0006.JPG



AC03 Mid Pos 0007.JPG



AC03 Rear Pos 0001.JPG



AC03 Rear Pos 0002.JPG



AC03 Rear Pos 0003.JPG



AC03 Rear Pos 0004.JPG



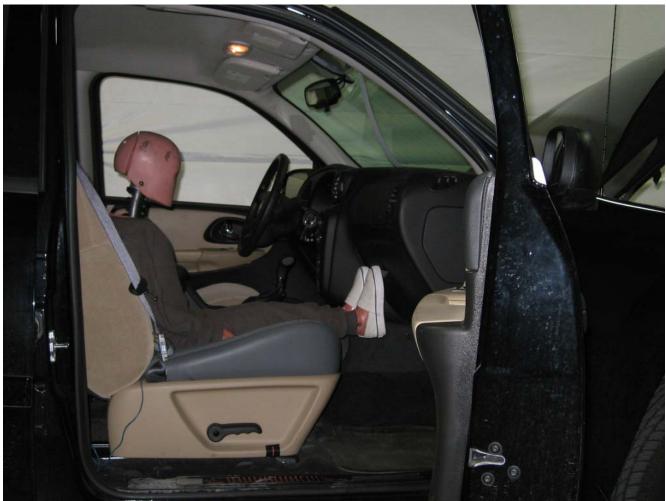
AC03 Rear Pos 0005.JPG



AC03 Rear Pos 0006.JPG



AC03 Rear Pos 0007.JPG



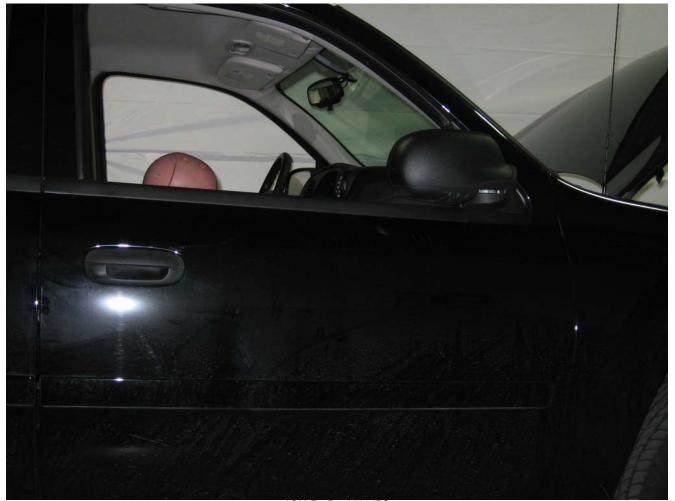
AC06 For Pos 0001.JPG



AC06 For Pos 0002.JPG



AC06 For Pos 0003.JPG



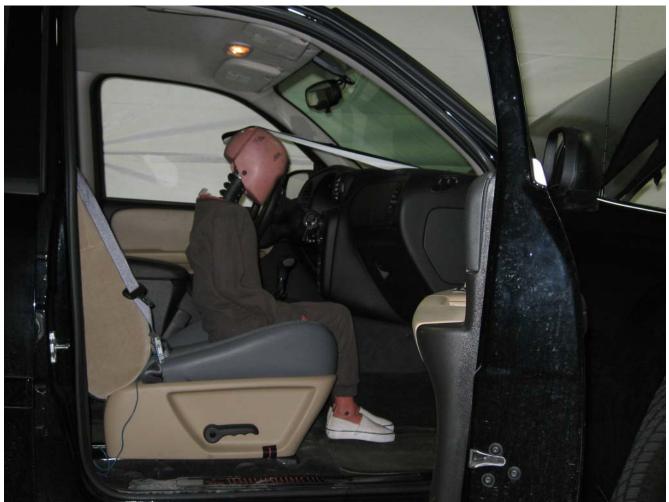
AC06 For Pos 0004.JPG



AC06 Mid Pos 0001.JPG



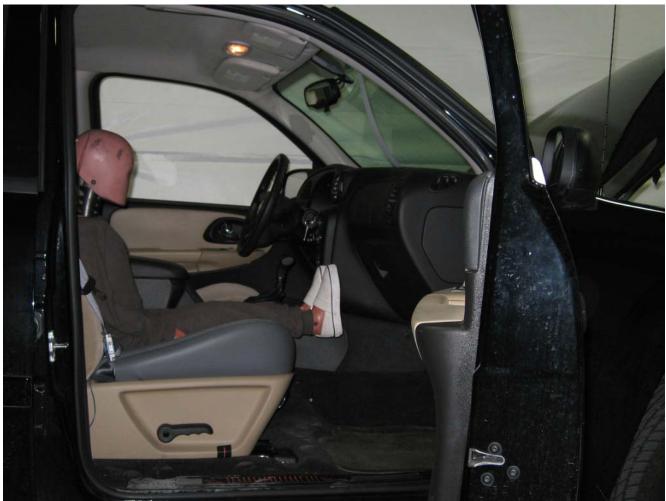
AC06 Mid Pos 0002.JPG



AC06 Mid Pos 0003.JPG



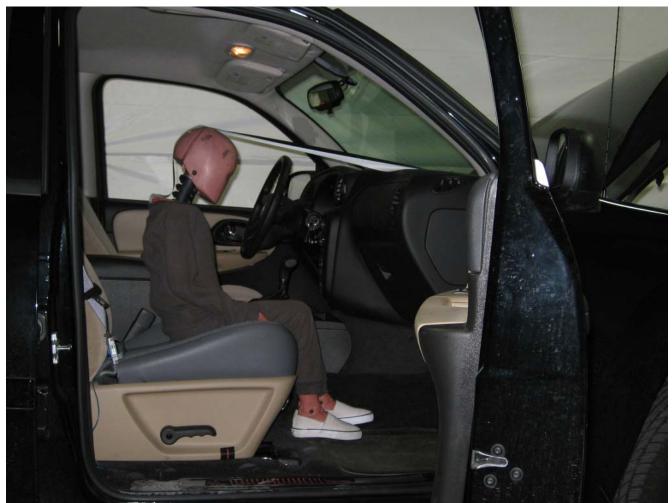
AC06 Mid Pos 0004.JPG



AC06 Rear Pos 0001.JPG



AC06 Rear Pos 0002.JPG



AC06 Rear Pos 0003.JPG



AC06 Rear Pos 0004.JPG



AF05 For Pos 0001.JPG



AF05 Mid Pos 0001.JPG



AF05 Rear Pos 0001.JPG