

FINAL REPORT NUMBER: SPNCAP-TRC-25-001

**NEW CAR ASSESSMENT PROGRAM (NCAP)
SIDE IMPACT POLE TEST**

**GENERAL MOTORS DE MEXICO, S. DE R.L. DE C.V.
2025 Chevrolet Equinox
NHTSA NUMBER: M20250105**

**PREPARED BY:
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Report Date: June 1, 2026

FINAL REPORT

**PREPARED FOR:
U.S. DEPARTMENT OF TRANSPORTATION
National Highway Traffic Safety Administration
Office of Crashworthiness Standards
Mail Code: NRM-110
1200 New Jersey Ave, SE
Washington, D.C. 20590**

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Report Prepared By: ILO Project Operations Group

Report Approved By: _____



John Shultz

Approval Date: June 1, 2026

FINAL REPORT ACCEPTANCE BY OCWS:

Division Chief, New Car Assessment Program
NHTSA, Office of Crashworthiness Standards

Date: _____

FINAL REPORT ACCEPTANCE BY OCWS:

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NHTSA, Office of Crashworthiness Standards

Date: _____

Technical Report Documentation Page

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16. Abstract A 32.2 km/h (20 mph), 75° oblique impact Side NCAP Test was conducted on the subject vehicle, a 2025 Chevrolet Equinox, in accordance with the specifications of the Office of Crashworthiness Standards Side NCAP Pole Laboratory Test Procedure for the generation of consumer information on vehicle side pole crash protection. This test was conducted by Transportation Research Center Inc. in East Liberty, Ohio, on January 29, 2025. The impact velocity was 32.12 km/h, and the ambient temperature at the struck (left) side of the target vehicle at the time of impact was 20.8° C. The test vehicle's post-test maximum crush was 308 mm at Level 2. The test or target vehicle's performance is given below: <table border="1"> <thead> <tr> <th></th><th>Unit</th><th>Threshold</th><th>Front SID-IIs</th></tr> </thead> <tbody> <tr> <td>Head Injury Criteria (HIC₃₆):</td><td>NA</td><td>1000</td><td>192.100</td></tr> <tr> <td>Resultant Lower Spine Acceleration:</td><td>g's</td><td>82</td><td>37.460</td></tr> <tr> <td>Total Pelvic Force: (sum of acetabular and iliac forces)</td><td>N</td><td>5525</td><td>2963.300</td></tr> <tr> <td>Maximum Thoracic Rib Deflection</td><td>mm</td><td>38*</td><td>18.340</td></tr> <tr> <td>Maximum Abdomen Rib Deflection</td><td>mm</td><td>45*</td><td>17.300</td></tr> </tbody> </table> * Proposed IARV The doors on the struck side did not separate from the body at the hinges or latches and the opposite doors did not open during the side impact event.					Unit	Threshold	Front SID-IIs	Head Injury Criteria (HIC ₃₆):	NA	1000	192.100	Resultant Lower Spine Acceleration:	g's	82	37.460	Total Pelvic Force: (sum of acetabular and iliac forces)	N	5525	2963.300	Maximum Thoracic Rib Deflection	mm	38*	18.340	Maximum Abdomen Rib Deflection	mm	45*	17.300
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17. Key Words New Car Assessment Program (NCAP) Side Impact Pole Part 572V SID-IIs		18. Distribution Statement Copies of this report are available from: National Highway Traffic Safety Administration Technical Information Services Division 1200 New Jersey Ave Washington, DC 20590																									
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SECTION 1

TEST PURPOSE AND PROCEDURE

TEST PURPOSE AND PROCEDURE

This side impact test was conducted as part of the MY25 New Car Assessment Program Side Impact Test Program, sponsored by the National Highway Traffic Safety Administration (NHTSA), under Contract No. 693JJ920D000018. The purpose of this test is to generate comparative side impact performance in a 2025 Chevrolet Equinox manufactured by GENERAL MOTORS DE MEXICO, S. DE R.L. DE C.V.. The side impact test was conducted in accordance with the Office of Crashworthiness Standard's Side NCAP Pole Laboratory Test Procedure, dated March 2020.

SECTION 2

SUMMARY OF TEST RESULTS

A rigid pole side impact test was conducted on a model year 2025 Chevrolet Equinox. The subject vehicle was towed into the rigid pole at an angle of 75° and a velocity of 32.12 km/h. The side impact test was conducted by Transportation Research Center Inc. in East Liberty, OH, on January 29, 2025. Pre-test and post-test photographs of the test vehicle and the side impact dummy (SID-IIs) are included in Appendix A of this report.

One Part 572V (SID-IIs) dummy was placed in the driver designated seating position according to instructions specified in the OCWS Side NCAP Pole Laboratory Test Procedure, dated March 2020. Camera locations and other pertinent camera information are included in this report.

The Part 572V (SID-IIs) dummy was instrumented accordingly:

- Primary and Redundant Head CG Triaxial Accelerometers
- Thorax Upper, Middle, and Lower Rib Displacement Potentiometers
- Abdomen Upper and Lower Rib Displacement Potentiometers
- Lower Spine (T12) Triaxial Accelerometers
- Iliac Load Cell
- Acetabulum Load Cell

Appendix B contains the vehicle and dummy response data. Dummy configuration and performance verification data can be found in Appendix C of this report. Appendix D contains the test equipment and instrumentation calibration data.

Injury readings for the SID-IIs dummy were recorded as follows:

Measurement Description	Driver ATD (SID-IIs)		
	Units	IARV	Result
Head Injury Criteria (HIC ₃₆)	NA	1000	192.100
Lower Spine Acceleration Resultant	G	82	37.460
Total Pelvic Force (sum of acetabular and iliac forces)	N	5525	2963.300
Maximum Thoracic Rib Deflection	mm	38*	18.340
Maximum Abdominal Rib Deflection	mm	45*	17.300

* Proposed IARV

Supplemental restraint information is given below:

Restraint Type	Left Front (Driver) Occupant Location 1		Left Rear (Passenger) Occupant Location 4	
	Mounted	Deployed	Mounted	Deployed
Frontal Airbag	Yes	No		
Knee Airbag	No	N/A		
Side Curtain Airbag	Yes	Yes	Yes	Yes
Side Torso/Pelvis Airbag	Yes	Yes	No	N/A
Side Torso Airbag	No	N/A	No	N/A
Seat Belt Pretensioner	Yes	Yes	Yes	No
Seat Belt Load Limiter	Yes	No	Yes	No
Other	No	N/A	No	N/A

GENERAL COMMENTS

Primary speed trap did not register speed; redundant trap used in reporting

Vehicle CG AX; CF at 30.0 ms

Vehicle CG AY; CF at 30.0 ms

Vehicle CG AZ; CF at 30.0 ms

Left Floor Sill AY; CF at 45.0 ms

SECTION 3
OCCUPANT AND VEHICLE INFORMATION

DATA SHEET NO. 1
GENERAL TEST AND VEHICLE PARAMETER DATA

Test Vehicle: 2025 Chevrolet Equinox
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250105
 Test Date: 1/29/2025

TEST VEHICLE INFORMATION AND OPTIONS

NHTSA No.	M20250105
Model Year	2025
Make	Chevrolet
Model	Equinox
Body Style	MPV
VIN	3GNAXHEG1SL115787
Body Color	Lakeshore Blue Metallic
Odometer Reading (km/mi)	14 mi
Engine Displacement (L)	1.5L
Type/No. Cylinders	Inline/4
Engine Placement	Transverse
Transmission Type	Automatic
Transmission Speeds	CVT
Overdrive	Yes
Final Drive	FWD
Roof Rack	No
Sunroof/T-Top	No
Running Boards	No
Tilt Steering Wheel	Yes
Power Seats	No
Anti-Lock Brakes (ABS)	Yes

Traction Control System (TCS)	Yes
Auto-Leveling System	No
Automatic Door Locks (ADL)	Yes
Power Window Auto-Reverse	Yes
Other Optional Feature	No
Driver Front Airbag	Yes
Driver Curtain Airbag	Yes
Driver Head/Torso Airbag	No
Driver Torso Airbag	No
Driver Torso/Pelvis Airbag	Yes
Driver Pelvis Airbag	No
Driver Knee Airbag	No
Rear Pass. Curtain Airbag	Yes
Rear Pass. Head/Torso Airbag	No
Rear Pass. Torso Airbag	No
Rear Pass. Torso/Pelvis Airbag	No
Rear Pass. Pelvis Airbag	No
Driver Seat Belt Pretensioner	Yes
Rear Pass. Seat Belt Pretensioner	Yes
Driver Load Limiter	Yes
Rear Pass. Load Limiter	Yes
Other	No

Does owner's manual provide instructions to turn off automatic door locks?

No

DATA FROM CERTIFICATION LABEL

Manufactured By	GENERAL MOTORS DE MEXICO, S. DE R.L. DE C.V.
Date of Manufacturer	07/24
Vehicle Type	MPV

GVWR (kg)	2100
GAWR Front (kg)	1175
GAWR Rear (kg)	1200

VEHICLE SEATING AND WEIGHT CAPACITY DATA

	Front	Rear	Third	Total
Designated Seating Capacity (DSC)	2	3	N/A	5
Vehicle Capacity Weight (VCW) (kg)				528.0
DSC X 68.0 kg				340.0
Rated Cargo and Luggage Weight (RCLW) (kg)				188.0

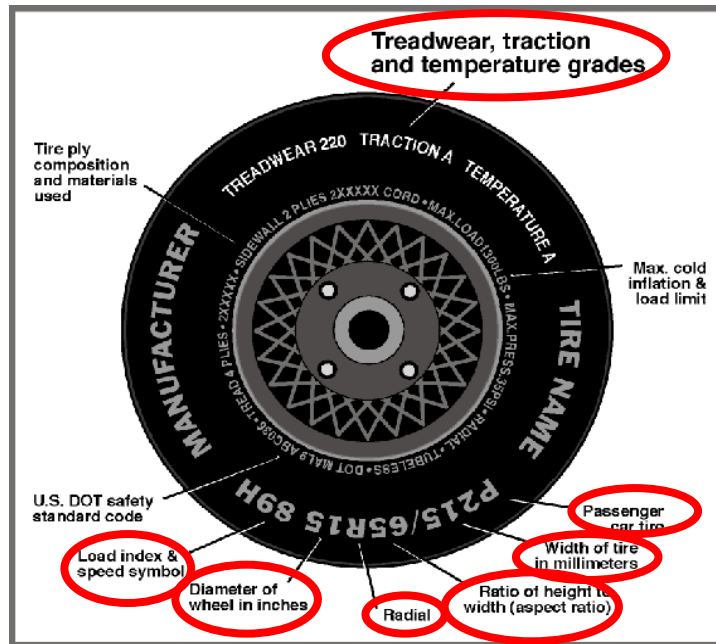
VEHICLE SEAT TYPE

Seating Location	Type of Seat Pan				Type of Seat Back		
	Bucket	Bench	Split Bench	Contoured	Fixed	Adjustable	
						W/ Lever	W/ Knob
Front Seat	Yes	N/A	N/A		N/A	Yes	N/A
Rear or Second Row Seat	N/A	N/A	Yes	N/A	Yes	N/A	N/A
Third row seat	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DATA SHEET NO. 1 (CONTINUED)
GENERAL TEST AND VEHICLE PARAMETER DATA

Test Vehicle: 2025 Chevrolet Equinox
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250105
 Test Date: 1/29/2025



DATA FROM TIRE PLACARD

Measured Parameter	Front	Rear
Maximum Tire Pressure (kPa)	300	300
Cold Pressure (kPa)	280	280
Recommended Tire Size	235/65R17	235/65R17
Tire Size on Vehicle	235/65R17	235/65R17
Tire Manufacturer	Firestone	Firestone
Tire Model	Destination	Destination
Treadwear	560	560
Traction	A	A
Temperature Grades	B	B
Tire Plies Sidewall	2	2
Tire Plies Body	4	4
Load Index/Speed Symbol	104H	104H
Tire Material	Polyester, Steel, Nylon	Polyester, Steel, Nylon
DOT Safety Code Left	DOT 1V6 819W32 2624	DOT 1V6 819W32 2624
DOT Safety Code Right	DOT 1V6 819W32 2624	DOT 1V6 819W32 2524

DATA SHEET NO. 1 (CONTINUED)
GENERAL TEST AND VEHICLE PARAMETER DATA

Test Vehicle: 2025 Chevrolet Equinox
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250105
 Test Date: 1/29/2025

TIRE PRESSURES

	Units	LF	RF	LR	RR
As Delivered	kPa	280	280	280	280
Tire Placard	kPa	280	280	280	280
Owner's Manual	kPa	280	280	280	280
As Tested	kPa	280	280	280	280

TEST /VEHICLE AXLE WEIGHTS

	Units	As Delivered (UVW)			As Tested (ATW)			Fully Loaded		
		Front Axle	Rear Axle	Total	Front Axle	Rear Axle	Total	Front Axle	Rear Axle	Total
Left	kg	462.4	330.8		469.8	428.6		487.8	389.4	
Right	kg	444.6	307.4		426.6	396.8		453.2	401.8	
Ratio	%	58.7	41.3		52.1	47.9		54.3	45.7	
Totals	kg	907.0	638.2	1545.2	896.4	825.4	1721.8	941.0	791.2	1732.2

TARGET TEST WEIGHT CALCULATION

Measured Parameter	Units	Value
Total As Delivered Weight (UVW)	kg	1545.2
Actual Weight of 1 P572V ATD (SID-IIs) Dummy Used	kg	49.0
Rated Cargo/Luggage Weight (RCLW)	kg	136.0
Calculated Vehicle Target Weight (TVTW)	kg	1730.2

(A)
 (B)
 (C)
 (A+B+C)

Does the measured As Tested Vehicle Weight lie within the required weight range (i.e. Calculated Test Vehicle Target Weight – 4.5 kg to 9 kg)? ☒ YES ☐ NO

TEST VEHICLE ATTITUDES AND CG

	Units	As Delivered	As Tested	Fully Loaded	Meets Requirement***
Driver Door Sill Angle (front-to-rear)*	Deg.	-0.3	0.1	0.4	Yes
Front Passenger Sill Angle (front-to-rear)*	Deg.	-0.2	0.1	0.2	Yes
Front Bumper-Line Angle (left-to-right)**	Deg.	-0.2	-0.2	-0.2	Yes
Rear Bumper-Line Angle (left-to-right)**	Deg.	0.0	0.1	0.2	Yes
Vehicle CG (Aft of Front Axle)	mm	1131	1313	1251	
Vehicle CG (Left (+) / Right (-) from longitudinal Centerline)	mm	+22	+36	+10	

*ND=Nose Down (-), NU=Nose Up (+) **LD=Left Down (-), LU=Left Up (+)

*** The "As Tested" vehicle attitude measurements must be equal to or between the "As Delivered" and "Fully Loaded" vehicle attitude measurements. Indicate "Yes" or "No" for "Meets Requirements".

DATA SHEET NO. 1 (CONTINUED)
GENERAL TEST AND VEHICLE PARAMETER DATA

Test Vehicle: 2025 Chevrolet Equinox
Test Program: SPNCAP Side Impact

NHTSA No.: M20250105
Test Date: 1/29/2025

WEIGHT OF BALLAST AND VEHICLE COMPONENTS REMOVED TO MEET TVTW

Component Description	Weight (kg)
Ballast: Steel plate	170.0
Components Removed: None	0.0

Test height adjustable suspension setting, if applicable:

N/A

TEST SURFACE MARKINGS

	Distance from 75° Impact Location Line (mm)
Fore 25 mm target	1835
Aft 25 mm target	1830

DATA SHEET NO. 2

SEAT, SEAT BELT, STEERING WHEEL ADJUSTMENT AND FUEL SYSTEMS DATA

Test Vehicle: 2025 Chevrolet Equinox

NHTSA No.: M20250105

Test Program: SPNCAP Side Impact

Test Date: 1/29/2025

SEAT POSITIONING

The driver seat, front center seat (if applicable), and right front passenger's seat should be set to the forward-most, mid-height, mid-angle position. The struck-side rear passenger's seat, rear center seat, and non-struck side rear passenger's seats should be set to the rear-most, lowest, mid-angle position.

SCRL ANGLE RANGE

Seat	SCRL(°)		
	Max.	Min.	Mid
Driver Seat	16.4	12.3	14.4
Front Passenger Seat	Fixed	Fixed	13.3
Front Center Seat*	N/A	N/A	N/A
Struck Side Rear Seat	N/A	N/A	N/A
Non-Struck Side Rear Seat	N/A	N/A	N/A
Rear Center Seat*	N/A	N/A	N/A

* If applicable.

SEAT HEIGHT AND ANGLE

Seat	As Tested SCRL Angle (Mid) (°)	As Tested SCRP Height (mm)	SCRP Height Position	SCRP Height (mm)		
				Rearmost	Mid-Fore/Aft	Forward-Most
Driver Seat	14.4	252	Max	285	285	288
			Mid	250	252	252
			Min	240	240	242
Front Passenger Seat	13.3	260	Max	N/A	N/A	N/A
			Mid	258	260	262
			Min	N/A	N/A	N/A
Front Center Seat*	N/A	N/A	Max	N/A	N/A	N/A
			Mid	N/A	N/A	N/A
			Min	N/A	N/A	N/A
Struck Side Rear Seat	N/A	N/A	Max	N/A	N/A	N/A
			Mid	N/A	N/A	N/A
			Min	N/A	N/A	N/A
Non-Struck Side Rear Seat	N/A	N/A	Max	N/A	N/A	N/A
			Mid	N/A	N/A	N/A
			Min	N/A	N/A	N/A
Rear Center Seat*	N/A	N/A	Max	N/A	N/A	N/A
			Mid	N/A	N/A	N/A
			Min	N/A	N/A	N/A

* If applicable.

DATA SHEET NO. 2 (CONTINUED)

SEAT, SEAT BELT, STEERING WHEEL ADJUSTMENT AND FUEL SYSTEMS DATA

Test Vehicle: 2025 Chevrolet Equinox

NHTSA No.: M20250105

Test Program: SPNCAP Side Impact

Test Date: 1/29/2025

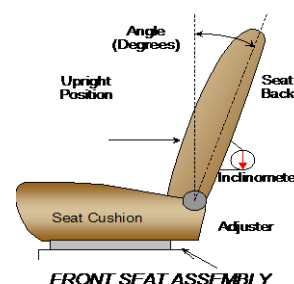
SEAT FORE/AFT POSITION

Seat	Total Fore/Aft Travel		Test Position from Forward most Position	
	mm	Detents*	mm	Detent*
Driver Seat	240	25	0	0
Front Passenger Seat	240	25	0	0
Front Center Seat*	N/A	N/A	N/A	N/A
Struck Side Rear Seat	N/A	N/A	N/A	N/A
Non-Struck Side Rear Seat	N/A	N/A	N/A	N/A
Rear Center Seat*	N/A	N/A	N/A	N/A

* If applicable.

SEAT BACK ANGLE ADJUSTMENT

The driver's seat back is positioned such that the dummy's head is level. The front center and front passenger's seat backs are positioned in a similar manner as the driver's seat back. The struck-side rear passenger seat back is positioned in accordance with the information provided by the manufacturer on Form No. 1. For the 5th percentile female dummy in a Side NCAP MDB test. The rear center and non-struck side rear passenger's seat back is set to match the struck-side rear seat back.



Seat	Total Seat Back Angle Range		Test Position from Most Upright	
	Degrees	Detents*	Degrees	Detent*
Driver Seat w/ Seated Dummy	65.7	34	14.5	7
Front Passenger Seat	66.1	34	14.5	7
Front Center Seat*	N/A	N/A	N/A	N/A
Struck Side Rear Seat	N/A	N/A	N/A	N/A
Non-Struck Side Rear Seat	N/A	N/A	N/A	N/A
Rear Center Seat*	N/A	N/A	N/A	N/A

* If applicable.

SEAT BELT ANCHORAGE ADJUSTMENT

Seat belt anchorages are adjusted with the information provided by the manufacturer on Form No. 1

	Total # of Positions	Placed in Position #
Driver Seat	4	0

HEAD RESTRAINT ADJUSTMENT

Head restraints are adjusted to the lowest and most full forward in-use position.

	Total # of Positions	Placed in Position #
Driver Seat	9	0

DATA SHEET NO. 2 (CONTINUED)

SEAT, SEAT BELT, STEERING WHEEL ADJUSTMENT AND FUEL SYSTEMS DATA

Test Vehicle: 2025 Chevrolet Equinox

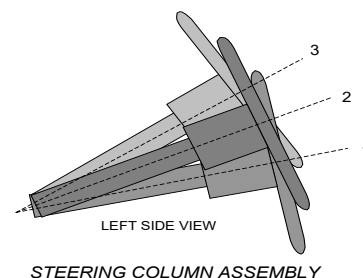
NHTSA No.: M20250105

Test Program: SPNCAP Side Impact

Test Date: 1/29/2025

STEERING COLUMN ADJUSTMENT

Steering wheel and column adjustments are made so that the steering wheel geometric locus it describes when moved through its full range of motion.

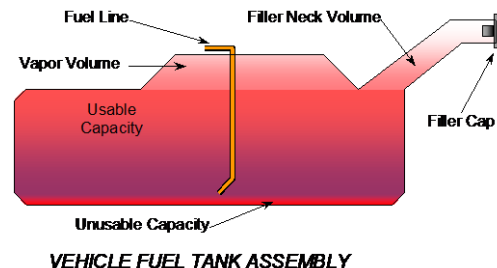


	Degrees	Fore/Aft Position, mm
Lowermost, Position No. 1	28.3	
Geometric Center, Position No. 2	25.3	
Uppermost, Position No. 3	22.2	
Telescoping Steering Wheel Travel		48
Test Position	25.3	24

FUEL PUMP

Describe the fuel pump type, details about how it operates and the location of the fuel filler neck:

Fuel pump will run for approximately 3 seconds when the key or push start button is switched to "On" position, then, it will stop and will not resume operation unless the engine is cranking or running



FUEL TANK CAPACITY

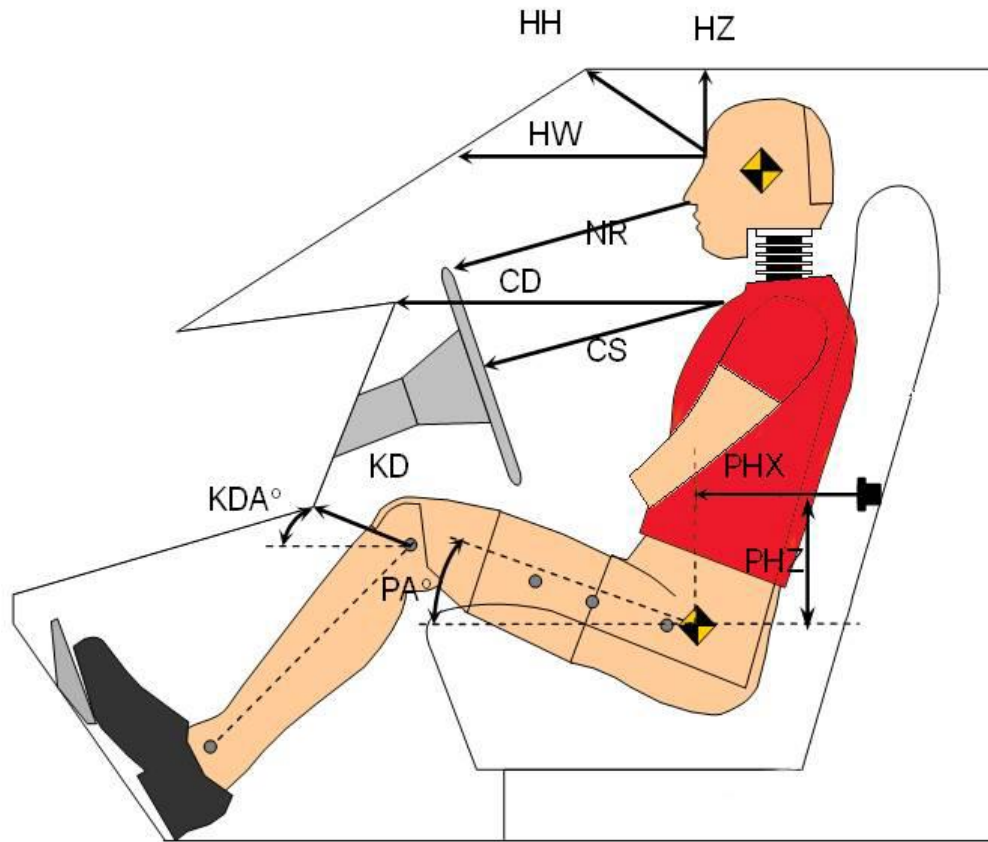
	Liters
Usable Capacity of "Standard Tank" (see Form No. 1)	56.0
Usable Capacity of "Optional" Tank (see Form No. 1)	N/A
Usable Capacity of Standard Tank (see Owner's Manual)	56.0
Usable Capacity of Optional Tank (see Owner's Manual)	N/A
93% of Usable Capacity	52.1
Actual Amount of Solvent Used in Test	52.1
1/3 of Usable Capacity	18.7

Is the Actual Amount of Solvent Used in the test equal to 93% $\pm$ 1% of the Usable Capacity stated in on Form No. 1? ☒ YES ☐ NO

DATA SHEET NO. 3
DUMMY LONGITUDINAL CLEARANCE DIMENSIONS

Test Vehicle: 2025 Chevrolet Equinox
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250105
 Test Date: 1/29/2025

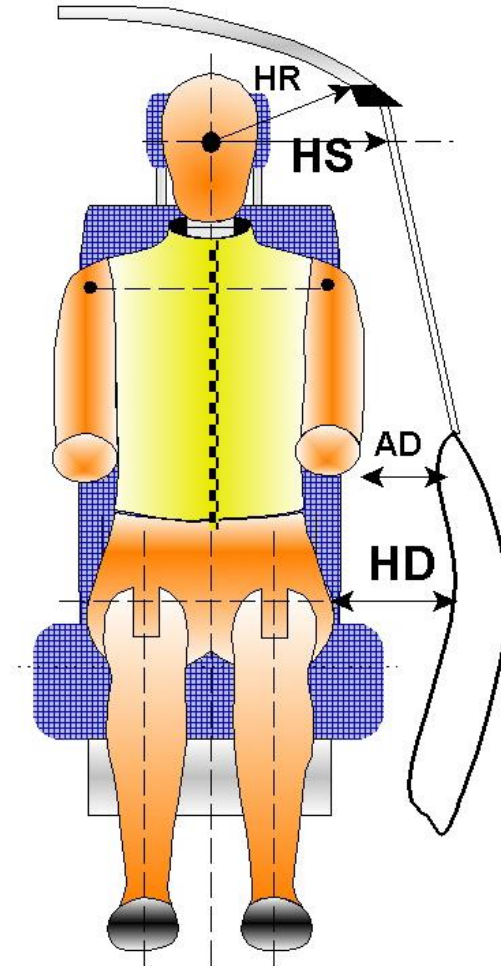


Code	Measurement Description	Driver	
		Length (mm)	Angle (°)
HH	Head to Header	351	
HW	Head to Windshield	690	
HZ	Head to Visor	232	
NR	Nose to Rim	305	
CD	Chest to Dashboard	509	
CS	Chest to Steering Wheel	244	
KDL/KDLA°	Left Knee to Dash	165	0.0
KDR/KDRA°	Right Knee to Dash	151	0.0
PAX°	Pelvic Tilt Angle (X-axis)		18.7
PAY°	Pelvic Tilt Angle (Y-axis)		0.5
PHX	Hip Point to Striker (X-Axis)	275	
PHZ	Hip Point to Striker (Z-Axis)	110	

DATA SHEET NO. 4
DUMMY LATERAL CLEARANCE DIMENSIONS

Test Vehicle: 2025 Chevrolet Equinox
Test Program: SPNCAP Side Impact

NHTSA No.: M20250105
Test Date: 1/29/2025

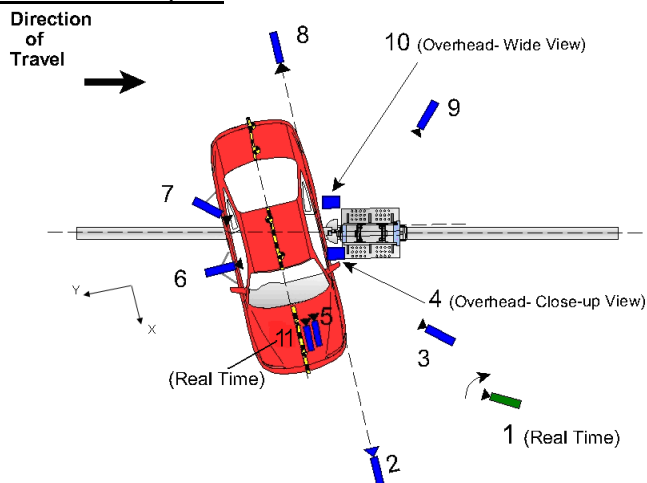


Code	Measurement Description	Length (mm)
HR	Head to Side Header	302
HS	Head to Side Window	375
AD	Arm to Door	170
HD	Hip Point to Door	185

DATA SHEET NO. 5 CAMERA AND INSTRUMENTATION DATA

Test Vehicle: 2025 Chevrolet Equinox
Test Program: SPNCAP Side Impact

NHTSA No.: M20250105
Test Date: 1/29/2025



REFERENCE: (from point of impact for X and Y; from ground for Z)
+ X = Forward of vehicle, + Y = Right of vehicle, + Z = Down

Camera No.	View	Coordinates (mm)			Lens Length (mm)	Operating Frame Rate (fps)
		X	Y	Z		
1	Real time (24-30 fps) pan view of impact				Zoom	30
2	Front ground level – impact view	5717	-1037	-1706	20	1000
3	Impact side 45° – forward pole view	2648	-2156	-1817	8.5	1000
4	Overhead Close-up view of impact	0	120	-4650	28	1000
5	Onboard – dummy front view				25	1000
6	Onboard – dummy side view				8.5	1000
7	Onboard – dummy rear oblique view				8.5	1000
8	Rear ground level – impact view	-6533	2134	-1728	8.5	1000
9	Impact side 45° – rearward pole view	-4758	-1309	-1742	20	1000
10	Overhead wide view of impact	0	0	-4650	18	1000
11	Real time dummy front view				Zoom	60

All measurements accurate to +/- 6 mm.

NOTE: Vehicle was at a 75° angle to the rigid pole.

If applicable, explain why camera(s) did not run: N/A

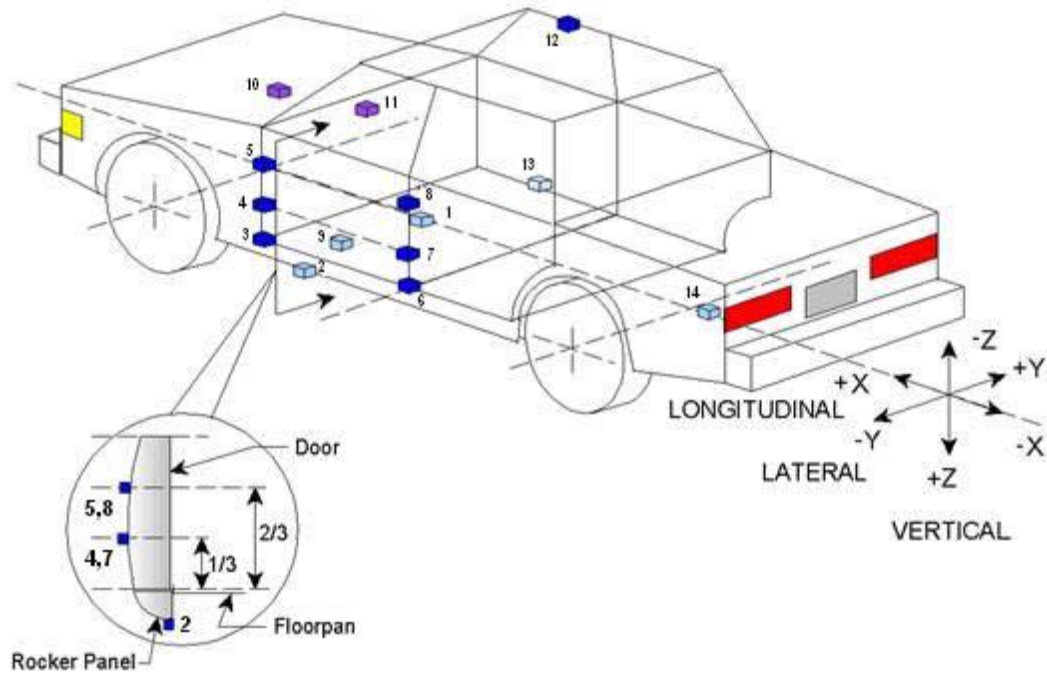
INSTRUMENTATION

	Number of Channels
Driver Dummy	16
Vehicle Structure	18
Pole Load Cells	8
TOTAL	42

**DATA SHEET NO. 6
VEHICLE ACCELEROMETER DATA**

Test Vehicle: 2025 Chevrolet Equinox
Test Program: SPNCAP Side Impact

NHTSA No.: M20250105
Test Date: 1/29/2025



Accelerometer/Sensor Location				
	ID	Coordinates (mm)		
		X	Y	Z
1	Vehicle CG	2858	207	-361
2	Left Floor Sill	2900	-740	-434
3	A-Pillar Sill	3127	-707	-492
4	A-Pillar Low	3178	-845	-602
5	A-Pillar Mid	3194	-821	-869
6	B-Pillar Sill	2045	-728	-432
7	B-Pillar Low	2145	-829	-698
8	B-Pillar Mid	2140	-817	-925
9	Driver Seat Track	2331	-568	-496
10	Engine Top	4022	114	-855
11	Firewall	3633	15	-982
12	Right Roof	2321	636	-1612
13	Right Floor Sill	2622	724	-437
14	Rear Floorpan	942	-3	-582

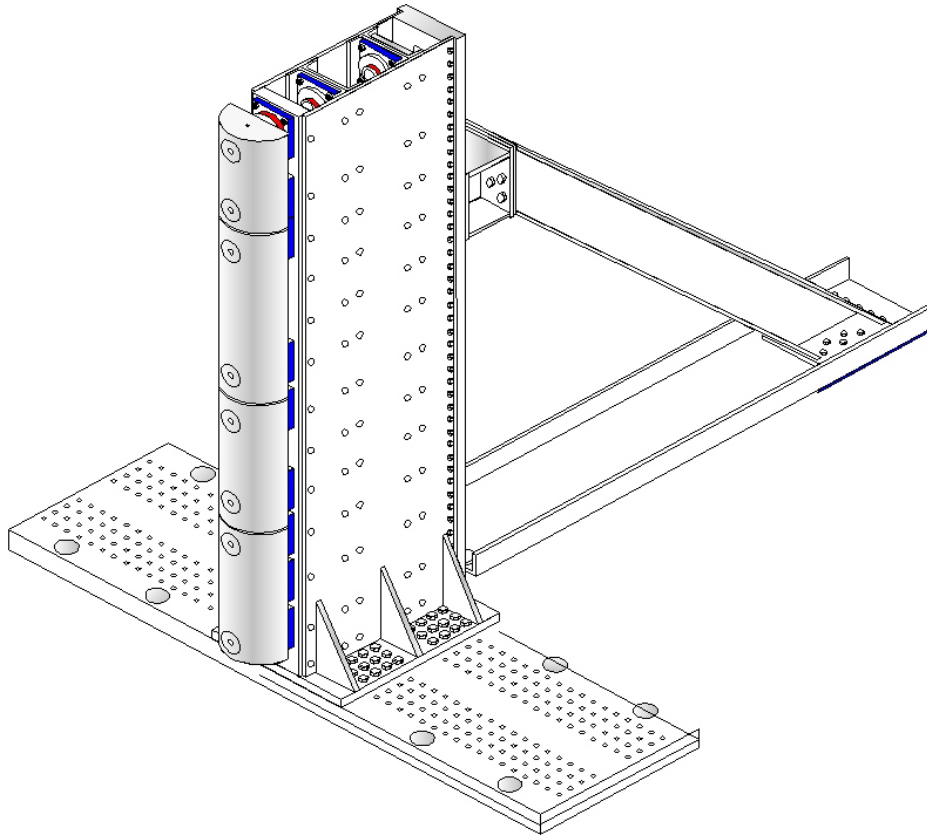
Reference: X - Test Vehicle Rear Bumper (+ forward)
Y - Test Vehicle Centerline (+ to right)
Z - Ground Plane (+ down)

DATA SHEET NO. 7
RIGID POLE LOAD CELL DATA

Test Vehicle: 2025 Chevrolet Equinox
Test Program: SPNCAP Side Impact

NHTSA No.: M20250105
Test Date: 1/29/2025

FOIL 300K RIGID POLE



Load Cell Locations	
ID	Height From Top of Carrier (mm)
1	87
2	468
3	648
4	978
5	1168
6	1651
7	1816
8	2057

**DATA SHEET NO. 8
POST-TEST OBSERVATIONS**

Test Vehicle: 2025 Chevrolet Equinox
Test Program: SPNCAP Side Impact

NHTSA No.: M20250105
Test Date: 1/29/2025

TEST DUMMY INFORMATION AND CONTACT POINTS

Dummy Body Part	Driver SID-IIs Dummy
Face	SCAB
Top of Head	SCAB, Headliner and Window Pillar
Left Side of Head	SCAB, Head Rest
Back of Head	SCAB, Head Rest
Left Shoulder	SAB
Upper Torso	SAB
Lower Torso	SAB
Left Hip	SAB, Door Panel
Left Knee	Door Panel

POST-TEST DOOR PERFORMANCE

Description	Struck Side		Non-Struck Side		Rear Hatch/ Other Door
	Front	Rear	Front	Rear	
Remained Closed and Operational	No	Yes	Yes	Yes	Yes
Total Separation from Vehicle at Hinges or Latches	No	No	No	No	No
Latch or Hinge Systems Pulled Out of Their Anchorages	No	No	No	No	No
Disengaged from Latched Position	No	No	No	No	No
Latch Separated from Striker	No	No	No	No	No
Jammed Shut	Yes	Yes	No	No	No
If Door Opened at Striker, Record Width of Opening at Striker (mm)	N/A	N/A	N/A	N/A	N/A

POST-TEST SEAT PERFORMANCE

Description	Struck Side		Non-Struck Side	
	Front	Rear	Front	Rear
Seat Movement Along Seat Track	No	No	No	No
Seat Disengagement from Floor pan	No	No	No	No
Seat Back Movement from Initial Position	No	No	No	No
Seat Back Collapse	No	No	No	No

POST-TEST STRUCTURAL OBSERVATIONS

Critical Areas of Performance	Observations and Conclusions
Pillar Performance	Good
Sill Separation	None
Windshield Damage	Left side cracked, separated from A pillar
Side Window Damage	Driver's window broken
Other Notable Effects	None

DATA SHEET NO. 8 (CONTINUED)
POST-TEST OBSERVATIONS

Test Vehicle: 2025 Chevrolet Equinox
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250105
 Test Date: 1/29/2025

SUPPLEMENTAL RESTRAINT SYSTEM INFORMATION

Restraint Type	Struck Side (Driver)		Struck Side (Rear Passenger)	
	Mounted	Deployed	Mounted	Deployed
Front Airbag	Yes	No		
Knee Airbag	No	N/A		
Side Curtain Airbag	Yes	Yes	Yes	Yes
Side Torso/Pelvis Airbag	Yes	Yes	No	N/A
Side Torso Airbag	No	N/A	No	N/A
Seat Belt Pretensioner	Yes	Yes	Yes	No
Seat Belt Load Limiter	Yes	No	Yes	No
Other	No	N/A	No	N/A

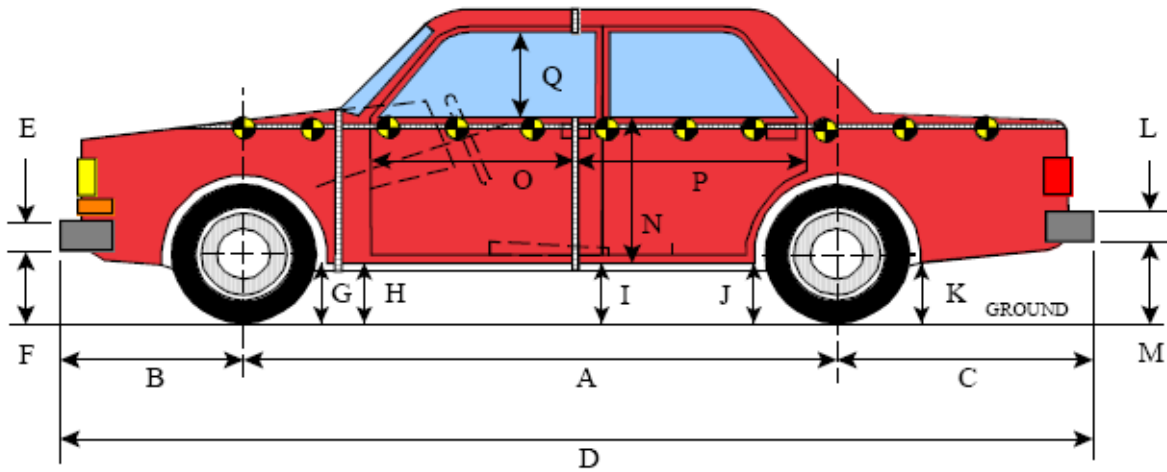
VEHICLE SPEED, VEHICLE ANGLE AT IMPACT AND IMPACT POINT LOCATION DATA

Measured Parameter	Units	Tolerance	Value
Vertical Impact Reference Line (Aft of Front Axle) (Intended Impact Point)	mm		1170
Actual Impact Point (Aft of Front Axle)	mm		1176
Horizontal Offset (+ forward / - rearward)	mm	+/- 38 of Intended Impact point	-6
Angle Between Vehicle's Longitudinal Centerline and Line of Motion	degrees	75 +/- 3	75
Trap No. 1 Velocity (Primary)	km/h	31.4 to 33.0	0.00
Trap No. 2 Velocity (Redundant)	km/h	31.4 to 33.0	32.12

**DATA SHEET NO. 9
VEHICLE PROFILE MEASUREMENTS**

Test Vehicle: 2025 Chevrolet Equinox
Test Program: SPNCAP Side Impact

NHTSA No.: M20250105
Test Date: 1/29/2025



LEFT SIDE VIEW

All MEASUREMENTS IN (mm) WITH TOLERANCE OF ± 3 mm

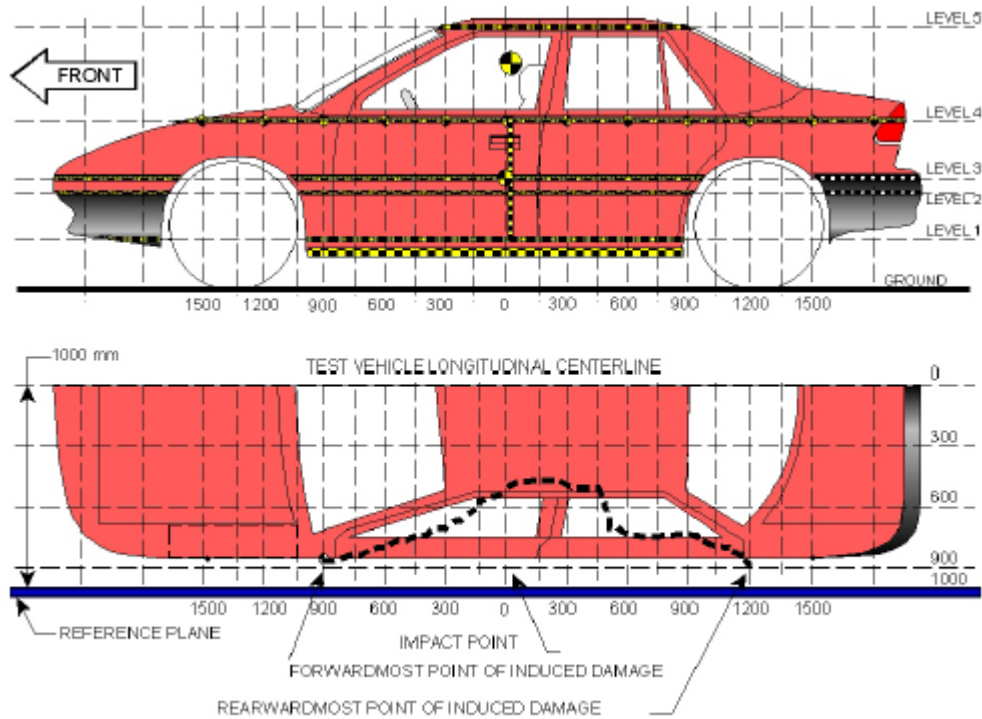
VEHICLE PRE- AND POST-TEST MEASUREMENT INFORMATION

Code	Measurement Description	Pre-Test	Post-Test	Change
A	Wheelbase	2738	2688	-50
B	Front Axle to Front Surface of Vehicle	937	1027	90
C	Rear Axle to Rear Surface of Vehicle	970	912	-58
D	Total Length at Centerline	4642	4627	-15
E	Front Bumper Thickness	156	156	0
F	Front Bumper Bottom to Ground	478	488	10
G	Sill Height at Front Wheel Well	440	437	-3
H	Sill Height at Front Door Leading Edge	442	450	8
I	Sill Height at B-Pillar	464	531	67
J1	Sill Height at Rear Wheel Well	475	509	34
J2	Pinch Weld Height at Rear Wheel Well	280	296	16
K	Sill Height Aft of Rear Wheel Well	540	568	28
L	Rear Bumper Thickness	118	118	0
M	Rear Bumper Bottom to Ground	475	510	35
N	Sill Height to Bottom of Front Window Sill	894	887	-7
O	Front Door Leading Edge to Impact CL	750	550	-200
P	Rear Door Trailing Edge to Impact CL	1317	1289	-28
Q	Front Window Opening	480	381	-99
R	Right Side Length	4471	4474	3
S	Left Side Length	4470	4432	-38
T	Vehicle Width at B-Pillars	1822	1750	-72
U	Front Wheel Track Width	1628	1623	-5
V	Rear Wheel Track Width	1630	1621	-9

DATA SHEET NO. 10
VEHICLE EXTERIOR CRUSH MEASUREMENTS

Test Vehicle: 2025 Chevrolet Equinox
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250105
 Test Date: 1/29/2025



NOTE: All measurements are in millimeters (mm)

MAXIMUM EXTERIOR CRUSH MEASUREMENTS

Level	Measurement Description	Height Above Ground	Maximum Exterior Static Crush	Distance from Impact
1	Sill Top	592	260	0
2	Occupant H-Point	872	308	0
3	Mid-Door	923	304	0
4	Window Sill	1316	251	0
5	Window Top	1662	99	0

NOTE: The above measurements should be taken along the vertical impact reference line. Vehicle measurements forward of the vertical impact reference line are negative.

DATA SHEET NO. 10 (CONTINUED)
VEHICLE EXTERIOR CRUSH MEASUREMENTS

Test Vehicle: 2025 Chevrolet Equinox
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250105
 Test Date: 1/29/2025

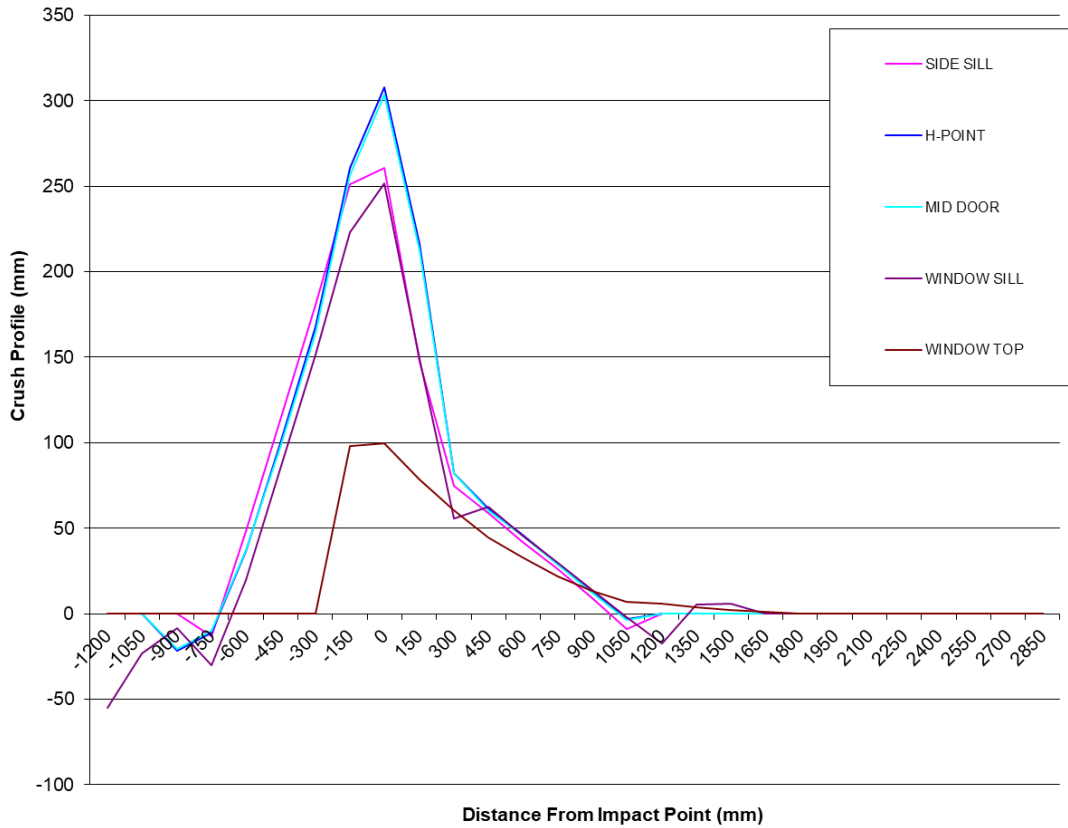
	Pre-Test					Post-Test					Crush				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
-1200	0	0	0	801	0	0	0	0	856	0	0	0	0	-55	0
-1050	0	0	0	808	0	0	0	0	831	0	0	0	0	-23	0
-900	0	947	946	813	0	0	969	967	821	0	0	-22	-21	-8	0
-750	909	926	926	815	0	923	937	936	846	0	-14	-11	-10	-31	0
-600	909	915	914	820	0	861	879	877	800	0	48	36	37	20	0
-450	910	913	912	825	0	796	814	814	741	0	114	99	98	84	0
-300	909	912	911	829	0	729	744	746	678	0	180	168	165	151	0
-150	910	912	910	833	612	659	651	654	609	514	251	261	256	224	98
0	908	911	909	835	623	648	603	605	584	524	260	308	304	251	99
150	908	910	908	838	626	761	694	695	689	548	147	216	213	149	78
300	909	909	907	841	627	834	827	825	785	566	75	82	82	56	61
450	908	907	906	842	625	849	846	845	779	581	59	61	61	63	44
600	906	906	904	843	625	864	860	859	797	592	42	46	45	46	33
750	905	907	905	844	624	880	878	877	814	602	25	29	28	30	22
900	903	913	912	850	621	894	900	900	836	608	9	13	12	14	13
1050	909	927	925	858	616	918	930	929	860	609	-9	-3	-4	-2	7
1200	0	0	0	858	608	0	0	0	875	602	0	0	0	-17	6
1350	0	0	0	857	596	0	0	0	851	592	0	0	0	6	4
1500	0	0	0	852	581	0	0	0	846	578	0	0	0	6	3
1650	0	0	0	0	561	0	0	0	0	560	0	0	0	0	1

NOTE: Pre-test measurements are taken when the vehicle is in the “As Tested” weight condition. Vehicle measurements forward of the vertical impact reference line are negative. The crush profile grid is established prior to the test based on an estimated impact point. The final distance from impact is determined after the final dummy positioning and the pole is aligned with the center of gravity of the dummy’s head.

DATA SHEET NO. 10 (CONTINUED)
VEHICLE EXTERIOR CRUSH MEASUREMENTS

Test Vehicle: 2025 Chevrolet Equinox
Test Program: SPNCAP Side Impact

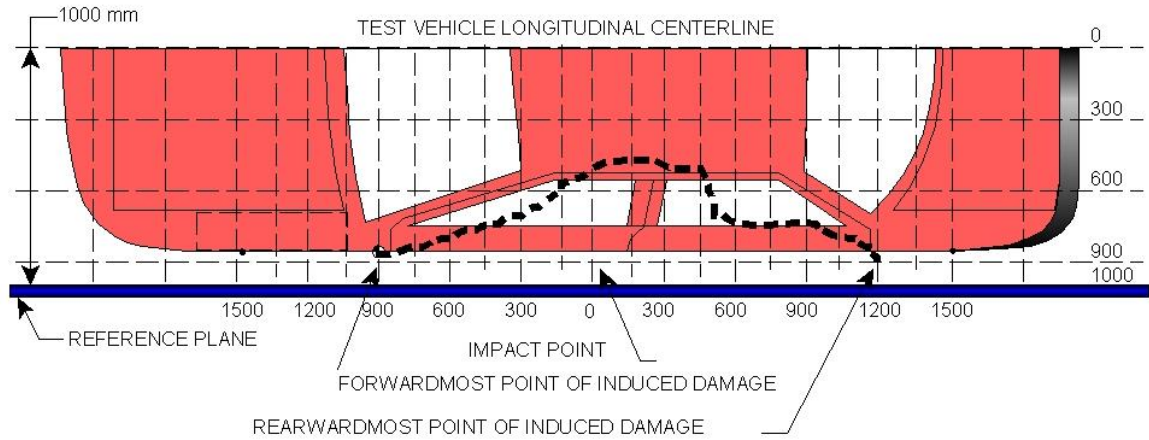
NHTSA No.: M20250105
Test Date: 1/29/2025



DATA SHEET NO. 11
VEHICLE DAMAGE PROFILE DISTANCES

Test Vehicle: 2025 Chevrolet Equinox
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250105
 Test Date: 1/29/2025



VEHICLE DAMAGE PROFILE DISTANCES

DPD	Distance From Impact Point (mm)	Level	Post-Test (mm)	Pre-Test (mm)	Crush (mm)
1	1650	5	560	561	1
2	1200	5	602	608	6
3	750	2	878	907	29
4	300	2	827	909	82
		3	825	907	
5	-150	2	651	912	261
6 ¹	-600	1	861	909	0

¹ DPD 6 is defined as zero crush since the crush does not extend to the end of the vehicle.

DATA SHEET NO. 12

FMVSS NO. 301 FUEL SYSTEM INTEGRITY POST-IMPACT DATA

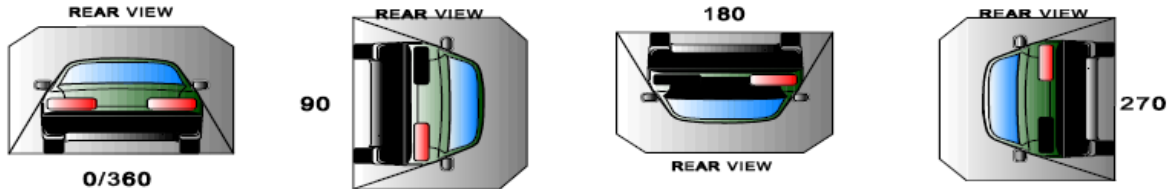
Test Vehicle: 2025 Chevrolet Equinox
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250105
 Test Date: 1/29/2025

Test Time: 16:16 Temperature: 20.8°C

- A. From impact until vehicle motion ceases: 0 oz.
 (Maximum allowable is 1 ounce)
- B. For the 5 minute period after motion ceases: 0 oz.
 (Maximum allowable is 5 ounces)
- C. For the following 25 minutes: 0 oz.
 (Maximum allowable is 1 ounce/minute)
- D. Spillage Details: None

FMVSS 301 STATIC ROLLOVER DATA



ROLLOVER SOLVENT COLLECTION TIME TABLE IN SECONDS

Test Phase	Rotation Time	Hold Time	Total Time
0 to 90	90	330	420
90 to 180	90	330	840
180 to 270	90	330	1260
270 to 360	90	330	1680

FMVSS NO. 301 ROLLOVER SPILLAGE TABLE

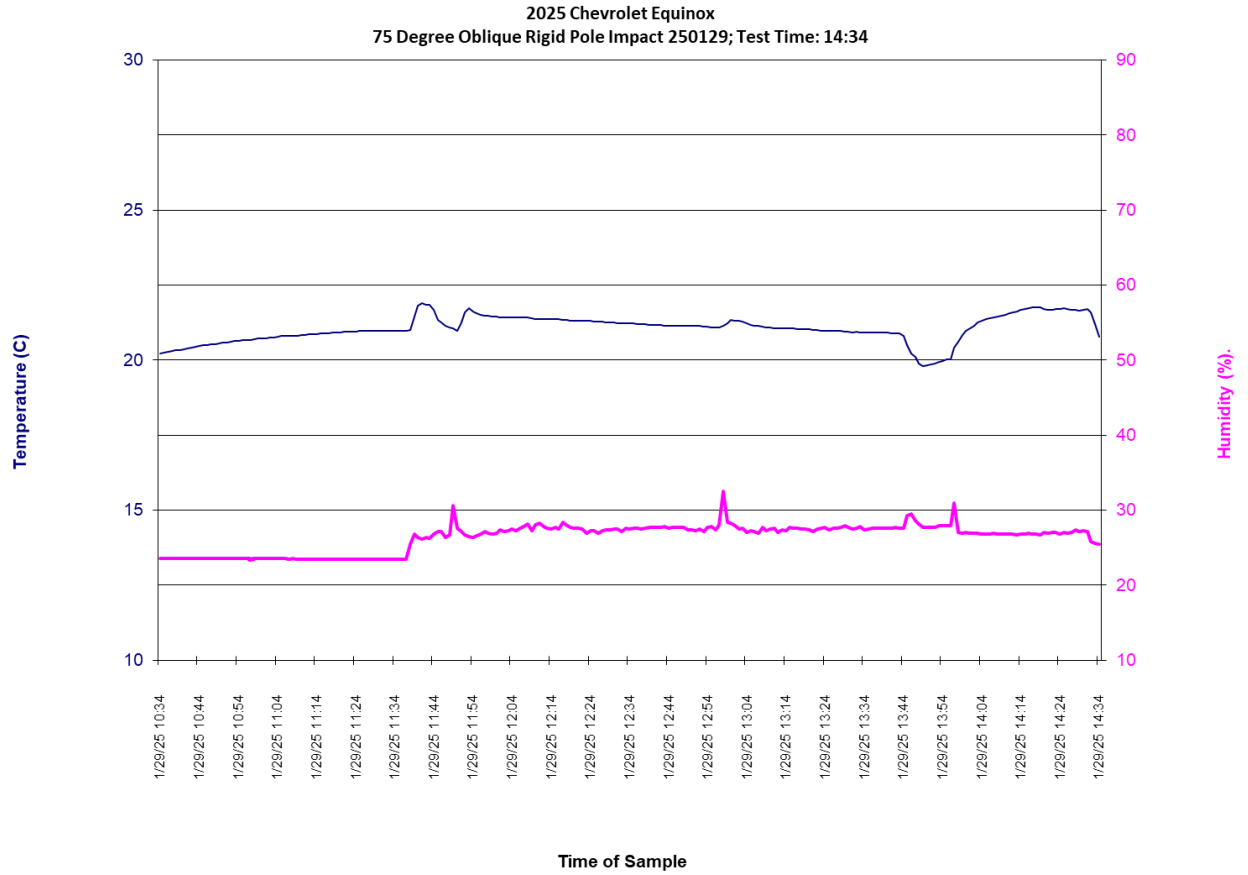
Test Phase	First 5 Minutes	Sixth Minute	Seventh Minute	Eighth Minute
0 to 90	0	0	0	0
90 to 180	0	0	0	0
180 to 270	0	0	0	0
270 to 360	0	0	0	0

ROLLOVER SOLVENT SPILLAGE LOCATION TABLE

Test Phase	Spillage Location
0 to 90	None
90 to 180	None
180 to 270	None
270 to 360	None

DATA SHEET NO. 13
DUMMY/VEHICLE TEMPERATURE AND HUMIDITY STABILIZATION DATA

Test Vehicle: 2025 Chevrolet Equinox NHTSA No.: M20250105
Test Program: SPNCAP Side Impact Test Date: 1/29/2025



APPENDIX A
PHOTOGRAPHS

TABLE OF PHOTOGRAPHS

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4	Post-Test Frontal View of Test Vehicle	A-5
5	Pre-Test Left Front $\frac{3}{4}$ View of Test Vehicle	A-6
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23	Pre-Test Left Side View of Dummy Showing Belt and Chalking	A-15
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26	Pre-Test Front View of Seat Back Prior to Dummy Positioning	A-17
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28	Pre-Test Front View of Seat Pan Prior to Dummy Positioning	A-18
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38	Pre-Test Close-Up Left Side View of Driver Seat Back	A-23
39	Pre-Test Close-Up View of Driver Seat Back or Head Restraint	A-23
40	Pre-Test Dummy and Door Clearance View	A-24
41	Post-Test Dummy and Door Clearance View	A-24
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54	Post-Test Inner Rear Passenger Torso Air Bag Deployment View	A-31
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63	Pre-Test Ballast View	A-36
64	Post-Test Primary and Redundant Speed Trap Read-Out	A-36
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71	Monroney Label	A-40
72	Head Restraint Use and Adjustment Information from Vehicle Owner's Manual	A-40
73	Post-Test View of Shattered Vehicle Inner Door Panel	A-41



No. 001 As Delivered Right Front $\frac{3}{4}$ View of Test Vehicle



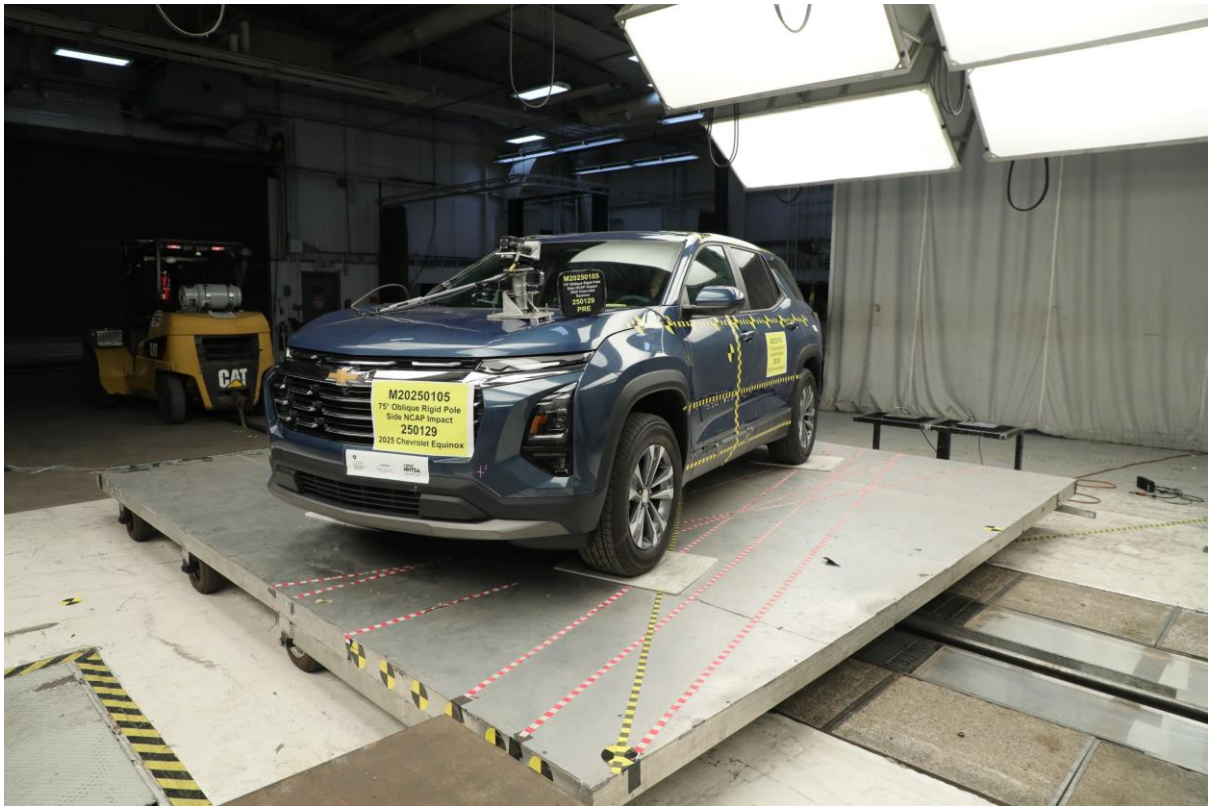
No. 002 As Delivered Left Rear $\frac{3}{4}$ View of Test Vehicle



No. 003 Pre-Test Frontal View of Test Vehicle



No. 004 Post-Test Frontal View of Test Vehicle



No. 005 Pre-Test Left Front $\frac{3}{4}$ View of Test Vehicle



No. 006 Post-Test Left Front $\frac{3}{4}$ View of Test Vehicle



No. 007 Pre-Test Left Side View of Test Vehicle



No. 008 Post-Test Left Side View of Test Vehicle



No. 009 Pre-Test Left Rear $\frac{3}{4}$ View of Test Vehicle



No. 010 Post-Test Left Rear $\frac{3}{4}$ View of Test Vehicle



No. 011 Pre-Test Rear View of Test Vehicle



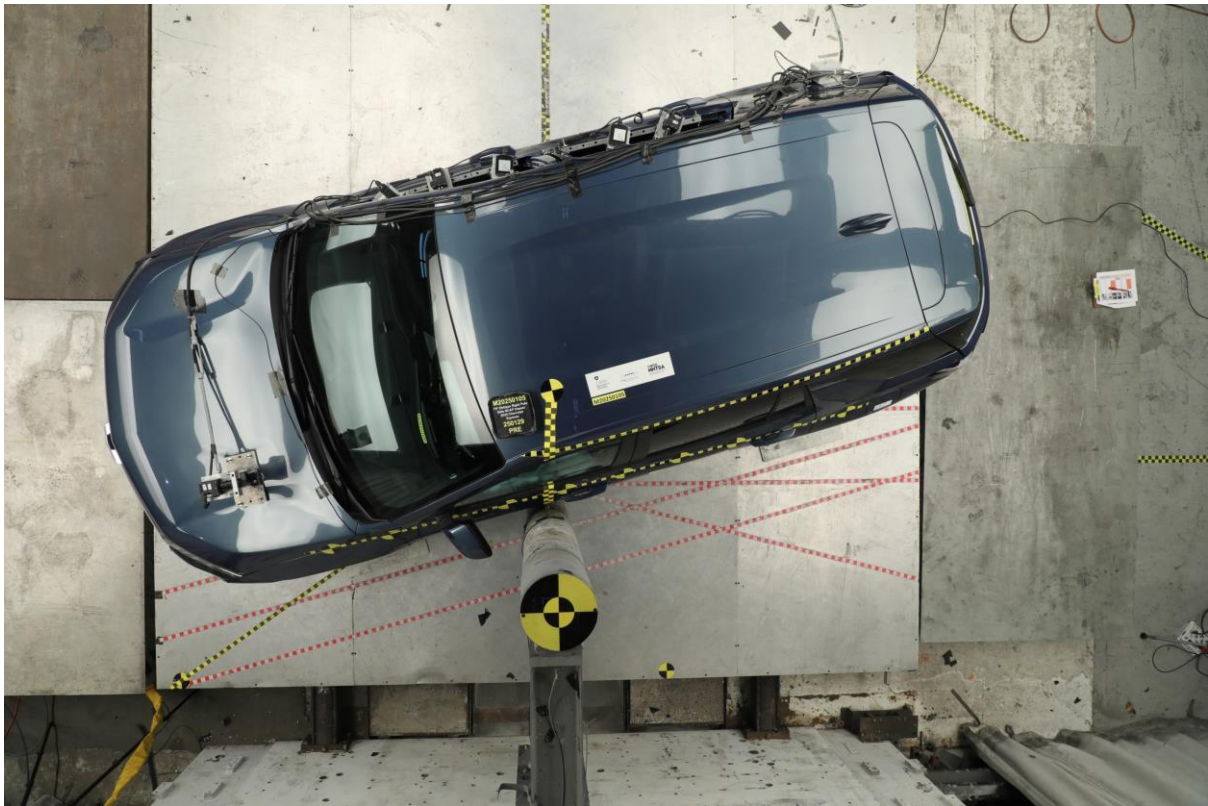
No. 012 Post-Test Rear View of Test Vehicle



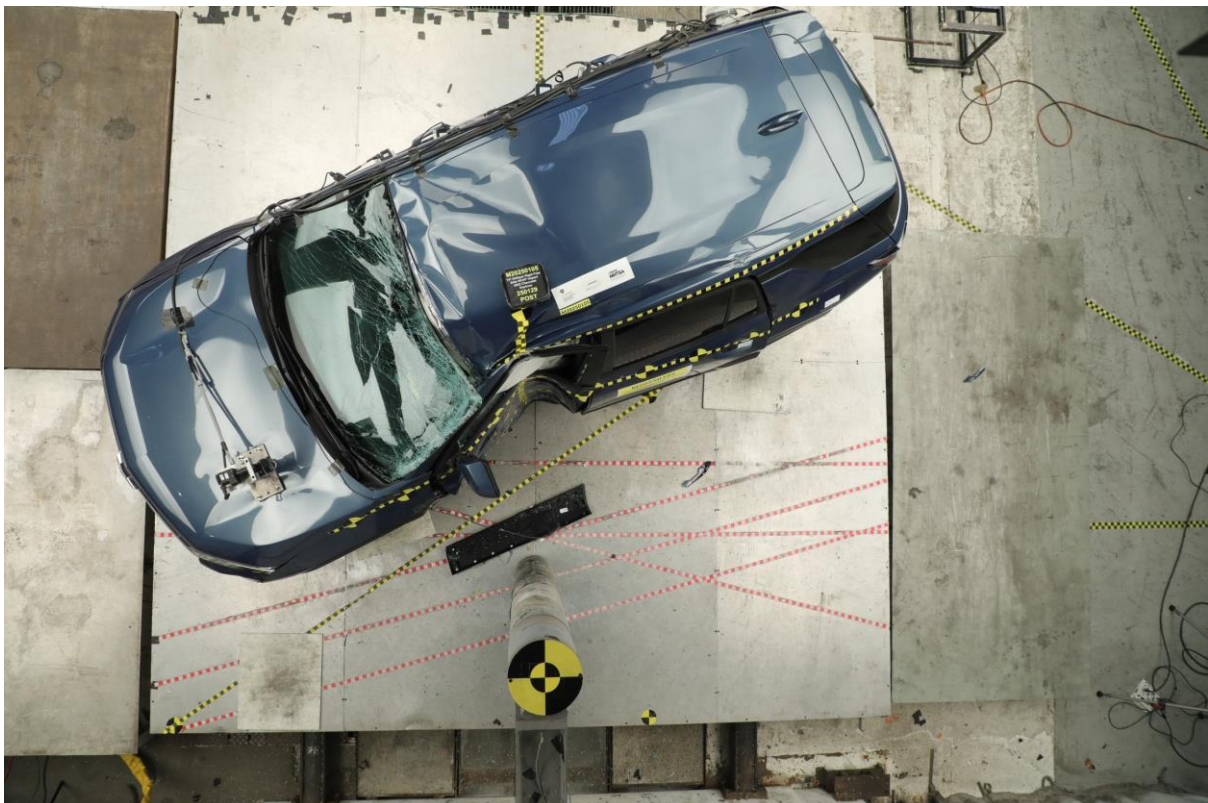
No. 013 Pre-Test Right Side View of Test Vehicle



No. 014 Post-Test Right Side View of Test Vehicle



No. 015 Pre-Test Overhead View of Test Area



No. 016 Post-Test Overhead View of Test Area



No. 017 Pre-Test Left Side View of Pole Positioned Against Side of Vehicle



No. 018 Pre-Test Right Side View of Pole Positioned Against Side of Vehicle



No. 019 Pre-Test Close-Up View of Impact Point Target



No. 020 Post-Test Close-Up View of Impact Point Target Showing Impact Location



No. 021 Pre-Test Front Close-Up View of Dummy Head and Chest



No. 022 Post-Test Front Close-Up View of Dummy



No. 023 Pre-Test Left Side View of Dummy Showing Belt and Chalking

Intentionally Left Blank



No. 024 Pre-Test Left Side View of Dummy Shoulder and Door Top View



No. 025 Post-Test Left Side View of Dummy Shoulder and Door Top View



No. 026 Pre-Test Front View of Seat Back Prior to Dummy Positioning



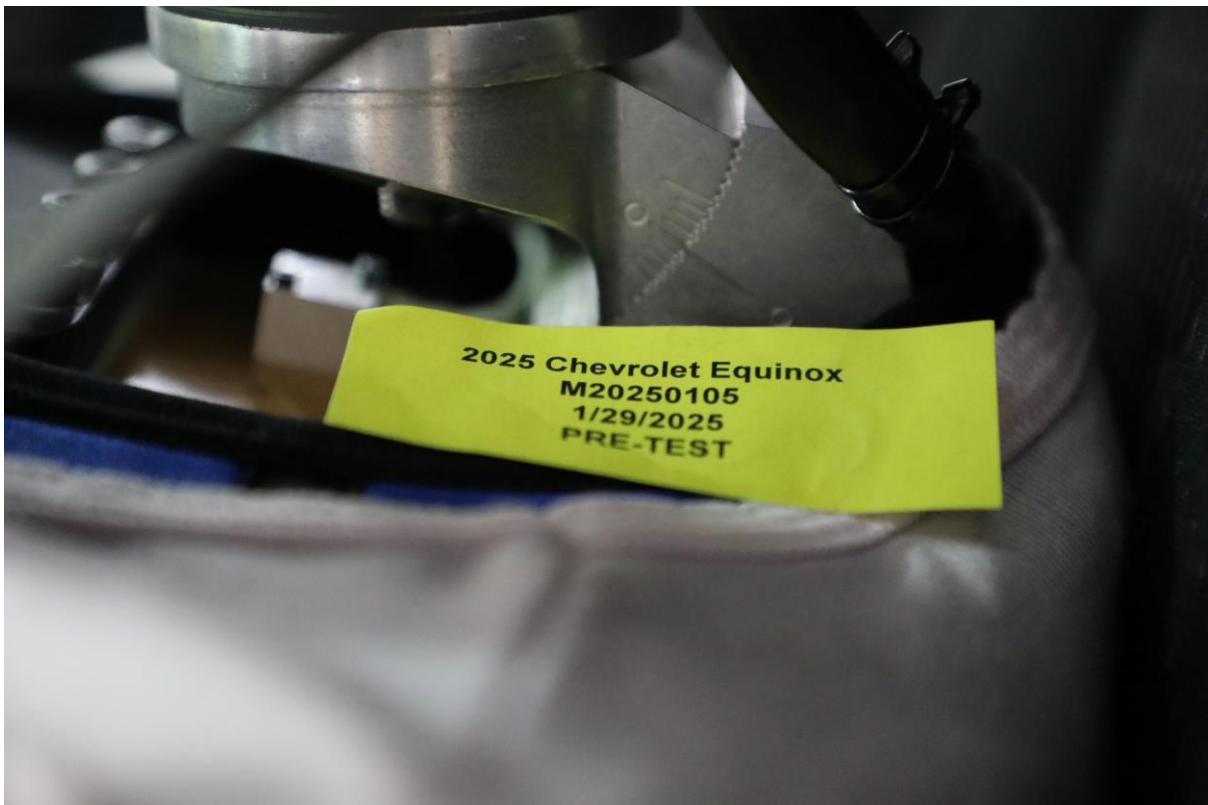
No. 027 Pre-Test Front Close-Up View of Dummy Head and Shoulders in Relation to Head Restraint



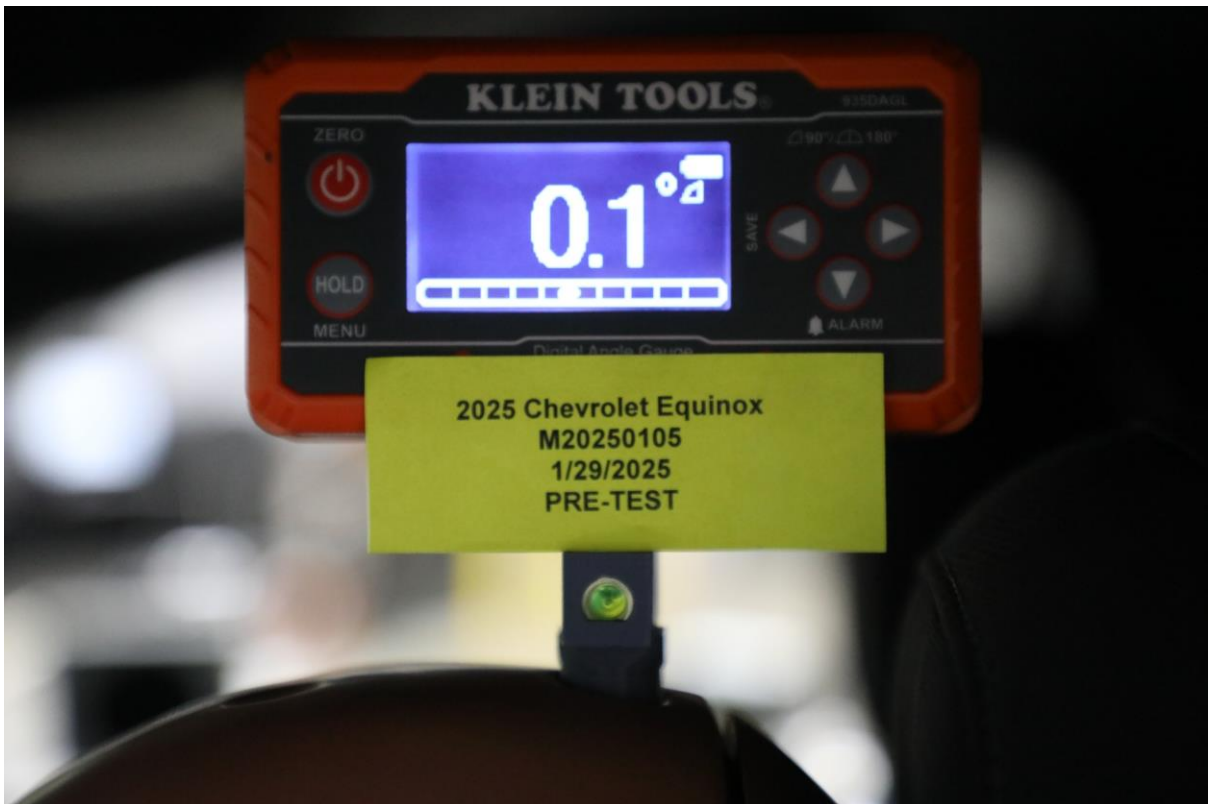
No. 028 Pre-Test Front View of Seat Pan Prior to Dummy Positioning



No. 029 Pre-Test Overhead View of Dummy Thighs on Seat Pan



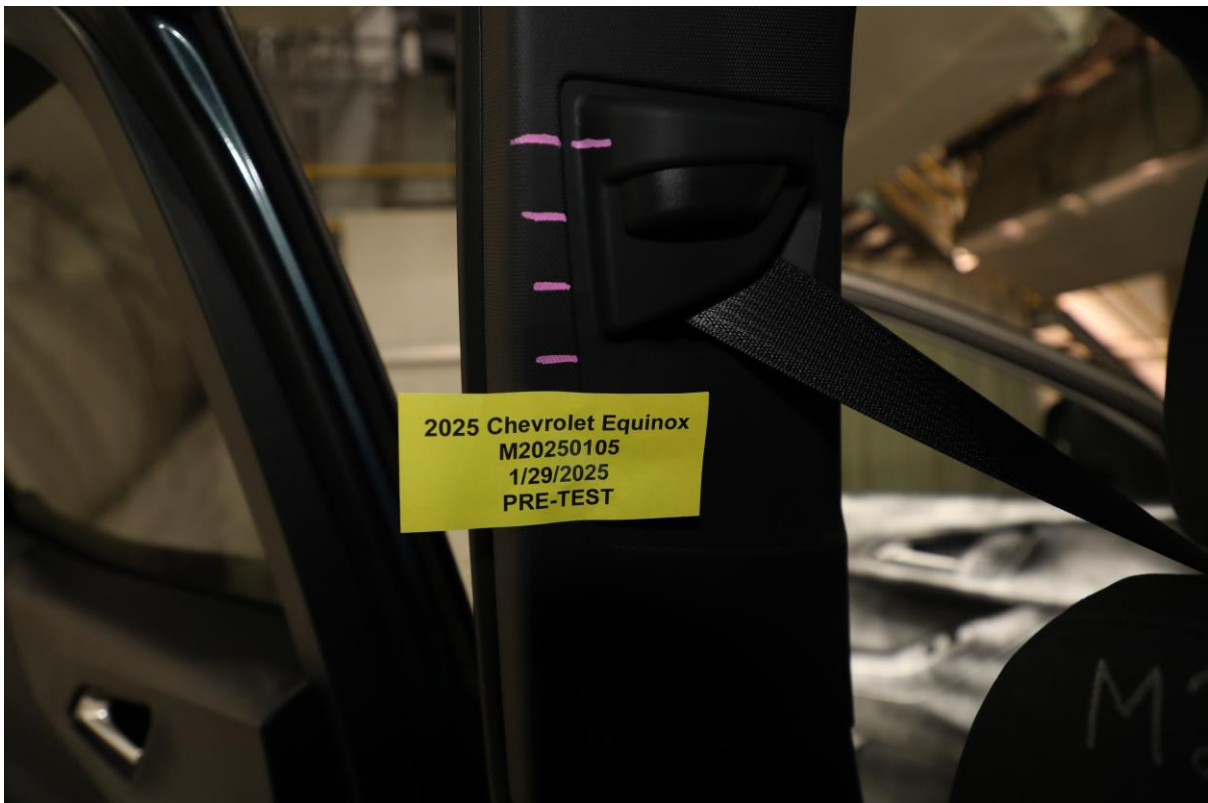
No. 030 Pre-Test Left Side View of Dummy Neck Showing Position of Adjustable Neck Bracket



No. 031 Pre-Test Left Side View of Dummy Head Showing Dummy Head is Level



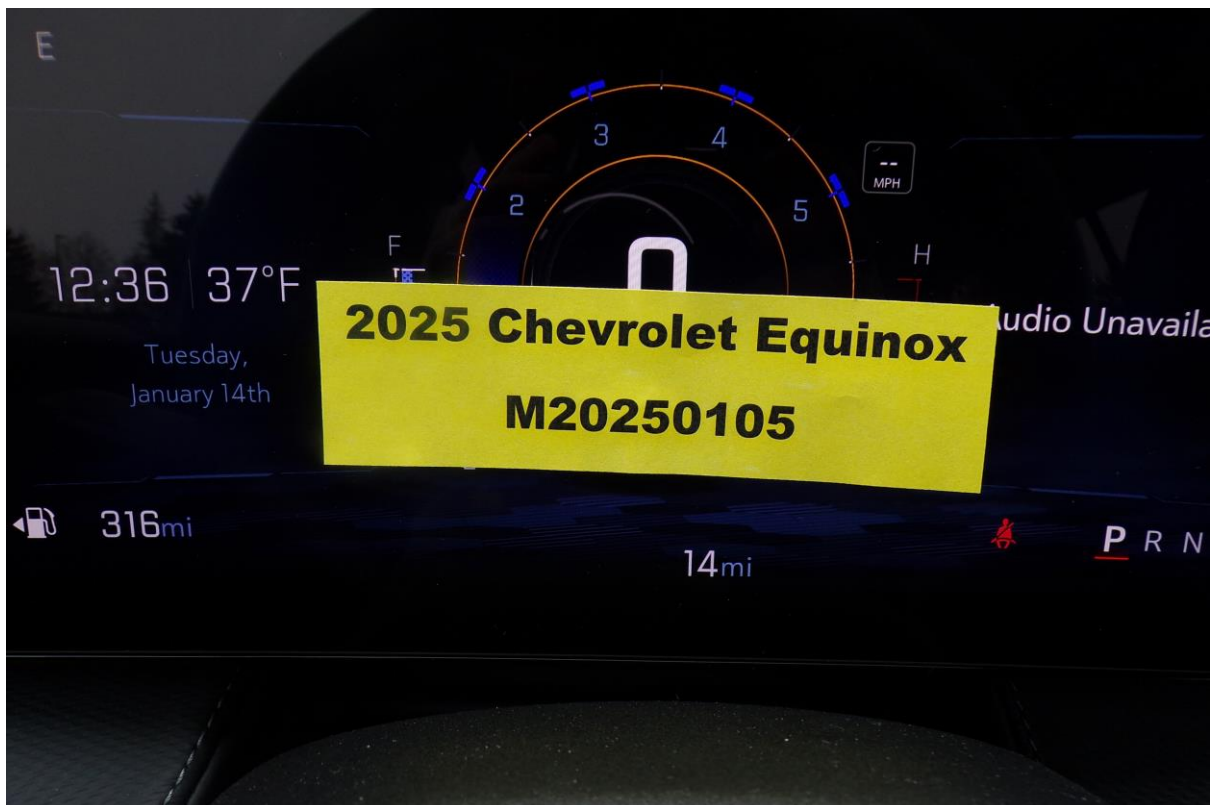
No. 032 Pre-Test Placement of Dummy Feet



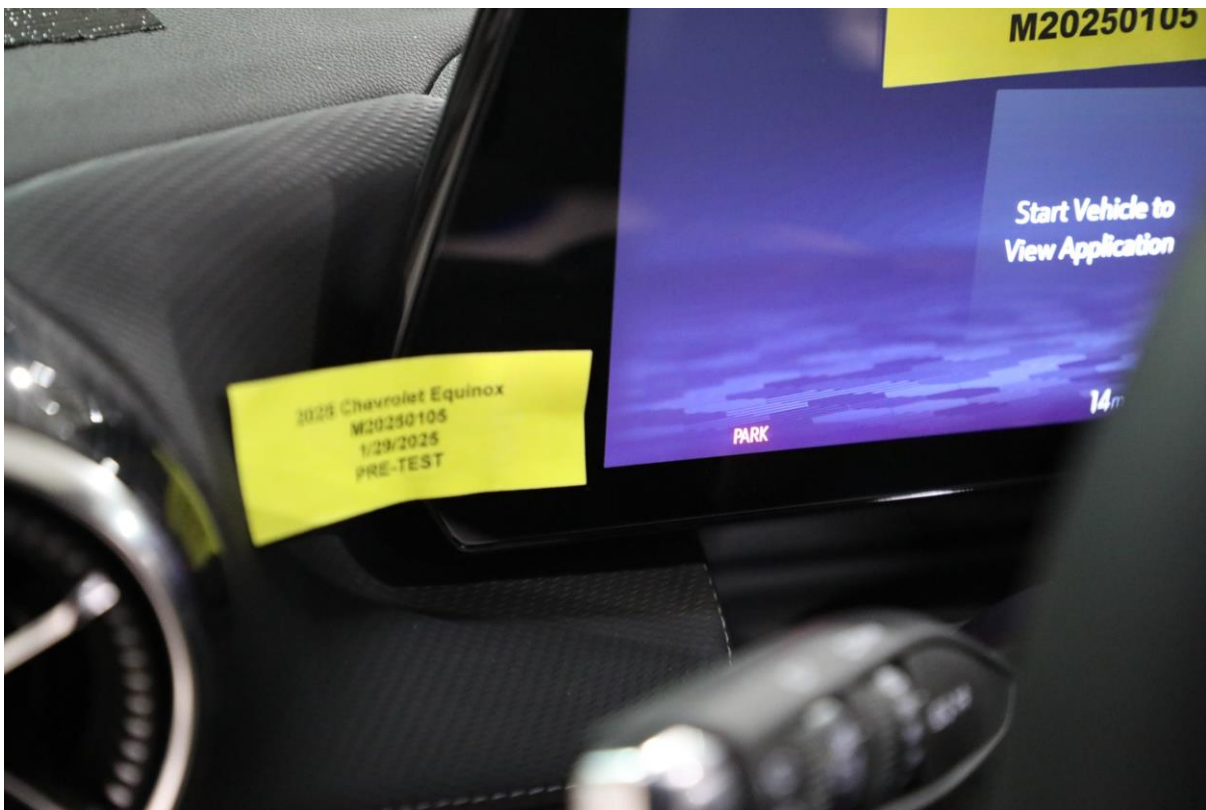
No. 033 Pre-Test View of Belt Anchorage for Dummy



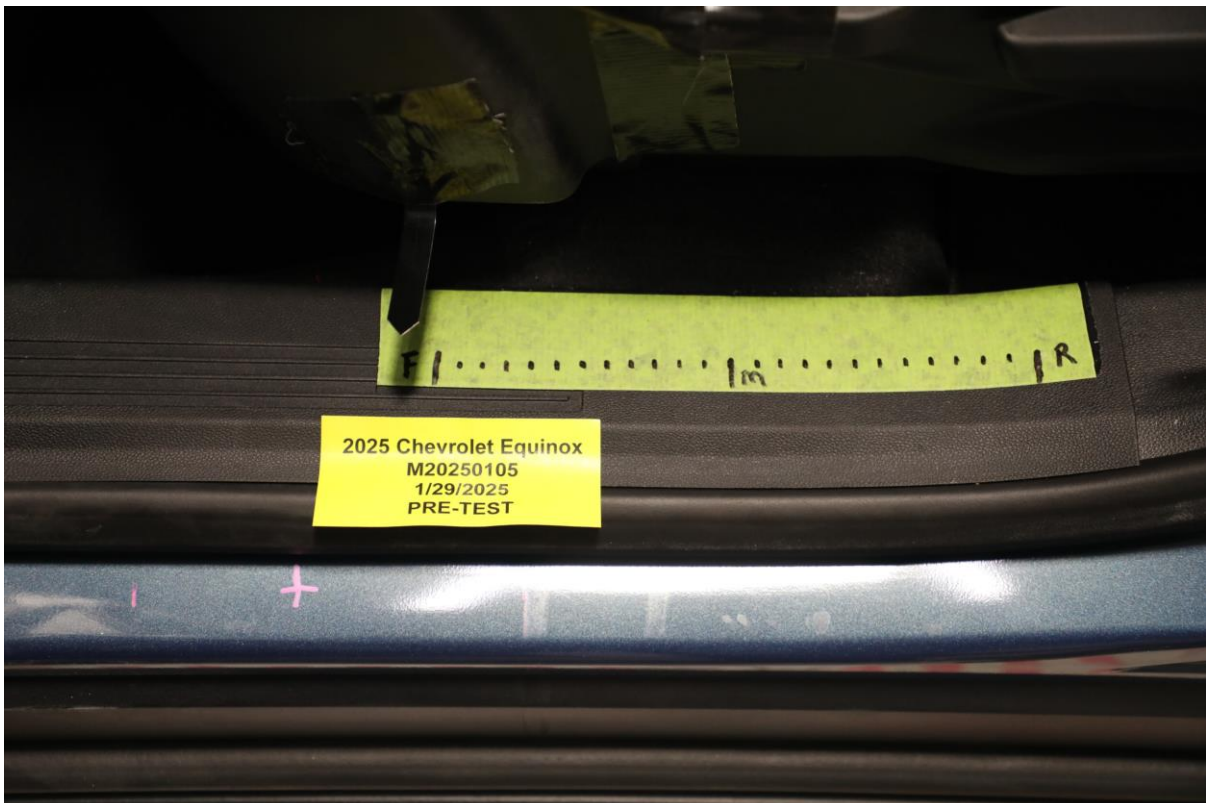
No. 034 Pre-Test Left Side View of Steering Wheel



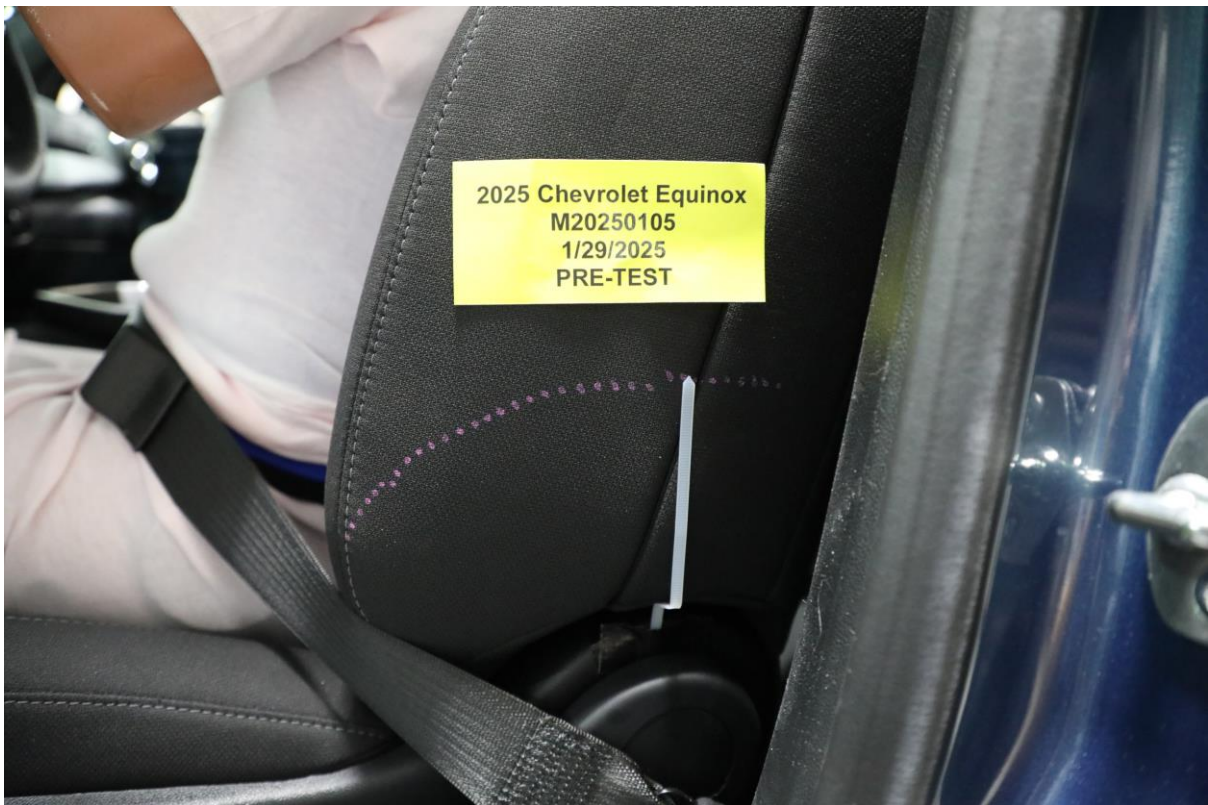
No. 035 Pre-Test View of Disengaged Parking Brake



No. 036 Pre-Test View of Parking Brake



No. 037 Pre-Test Close-Up Left Side View of Driver Seat Track



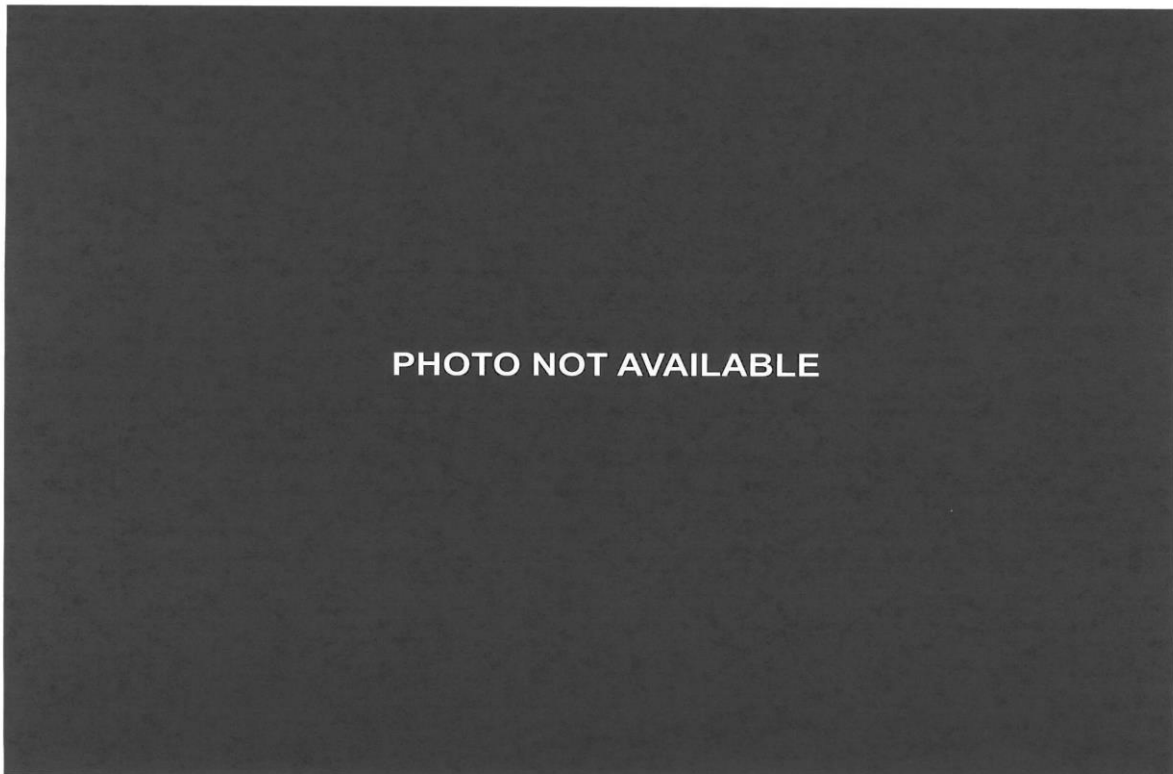
No. 038 Pre-Test Close-Up Left Side View of Driver Seat Back



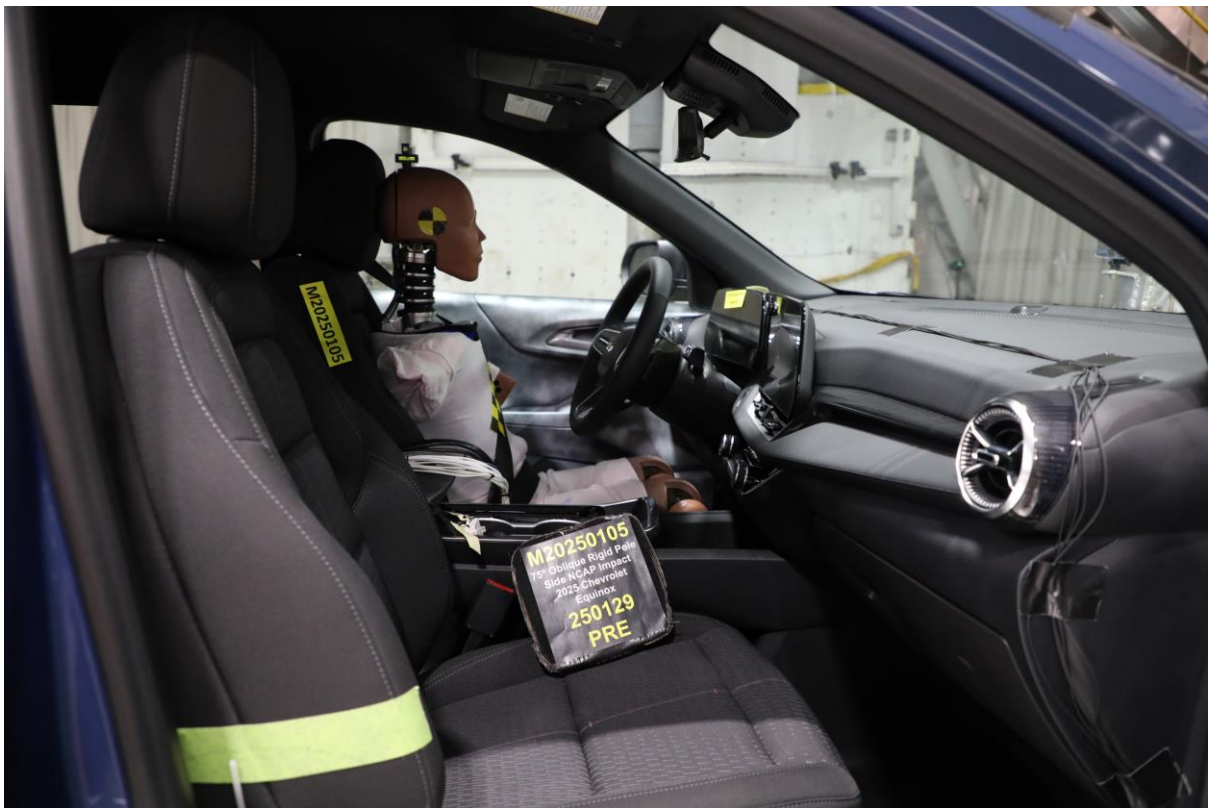
No. 039 Pre-Test Close-Up View of Driver Seat Back or Head Restraint



No. 040 Pre-Test Dummy and Door Clearance View



No. 041 Post-Test Dummy and Door Clearance View



No. 042 Pre-Test Right Side View of Dummy and Front Seat of Occupant Compartment



No. 043 Post-Test Right Side View of Dummy and Front Seat of Occupant Compartment



No. 044 Pre-Test Inner Door Panel View



No. 045 Post-Test Inner Door Panel View Showing Dummy Contact Location



No. 046 Post-Test Dummy Close-Up Head Contact with Vehicle Interior View

Intentionally Left Blank



No. 047 Post-Test Dummy Close-Up Head Contact with Side Airbag View



No. 048 Post-Test Dummy Close-Up Torso Contact with Vehicle Interior View



No. 049 Post-Test Dummy Close-Up Torso Contact with Side Airbag View



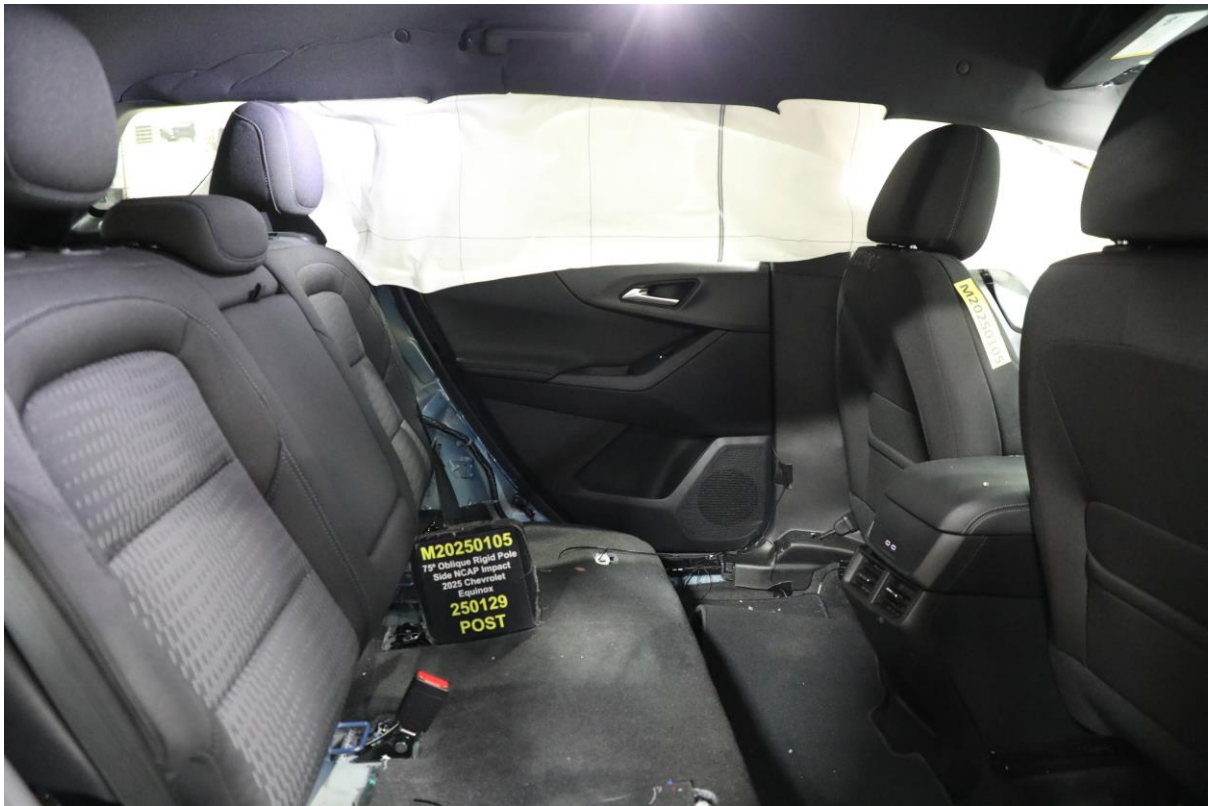
No. 050 Post-Test Dummy Close-Up Pelvis Contact with Vehicle Interior View



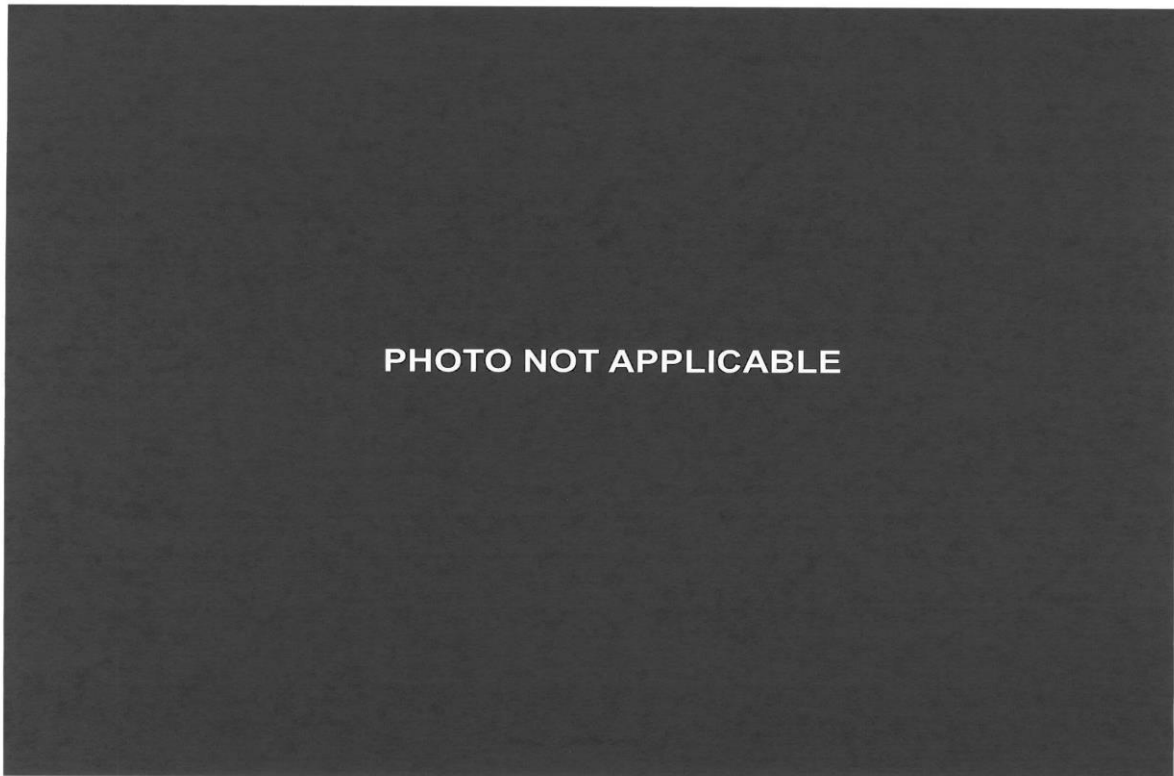
No. 051 Post-Test Dummy Close-Up Pelvis Contact with Side Airbag View



No. 052 Post-Test Dummy Close-Up Knee Contact with Vehicle Interior View



No. 053 Post-Test Right Side View of Dummy and Rear Seat of Occupant Compartment



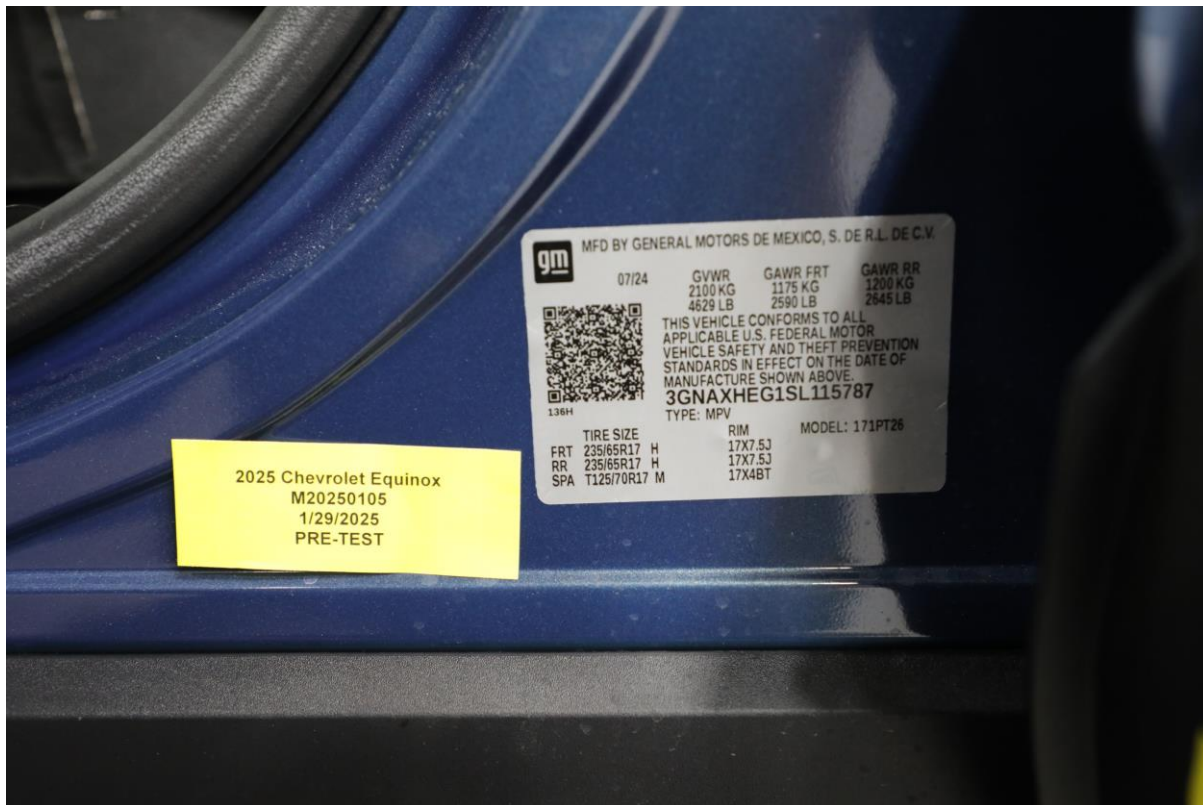
No. 054 Post-Test Inner Rear Passenger Torso Air Bag Deployment View



No. 055 Pre-Test View of Fuel Filler Cap or Fuel Filler Neck



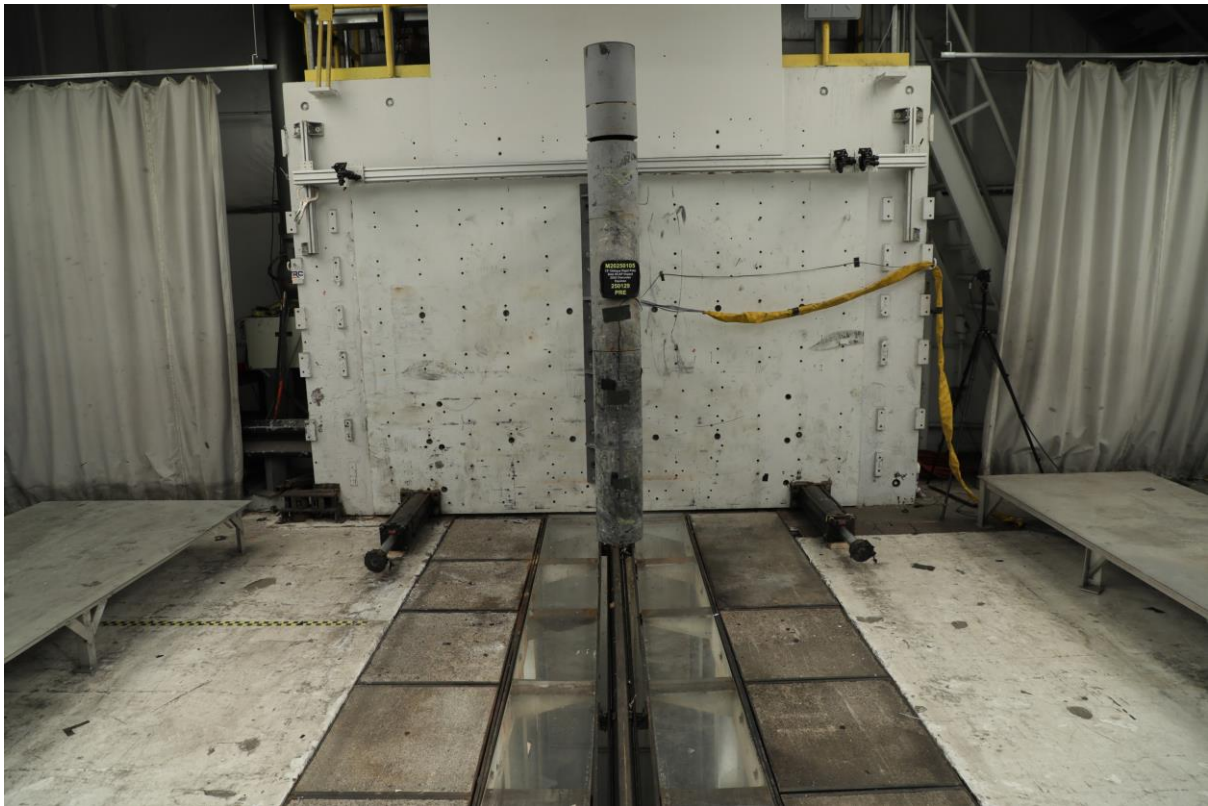
No. 056 Post-Test View of Fuel Filler Cap or Fuel Filler Neck



No. 057 Close-Up View of Vehicle Certification Label



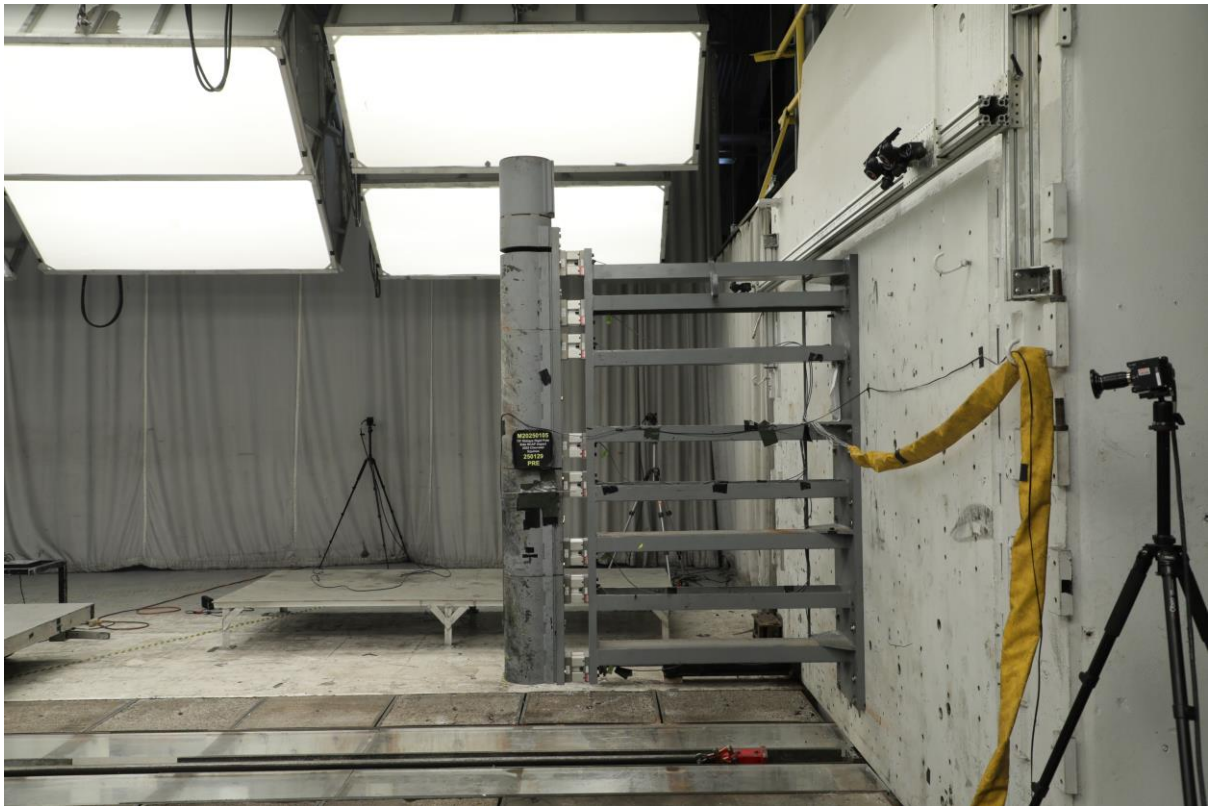
No. 058 Close-Up View of Vehicle Tire Information Placard or Label



No. 059 Pre-Test Pole Barrier Front View



No. 060 Post-Test Pole Barrier Front View



No. 061 Pre-Test Pole Barrier Side View



No. 062 Post-Test Pole Barrier Side View



No. 063 Pre-Test Ballast View



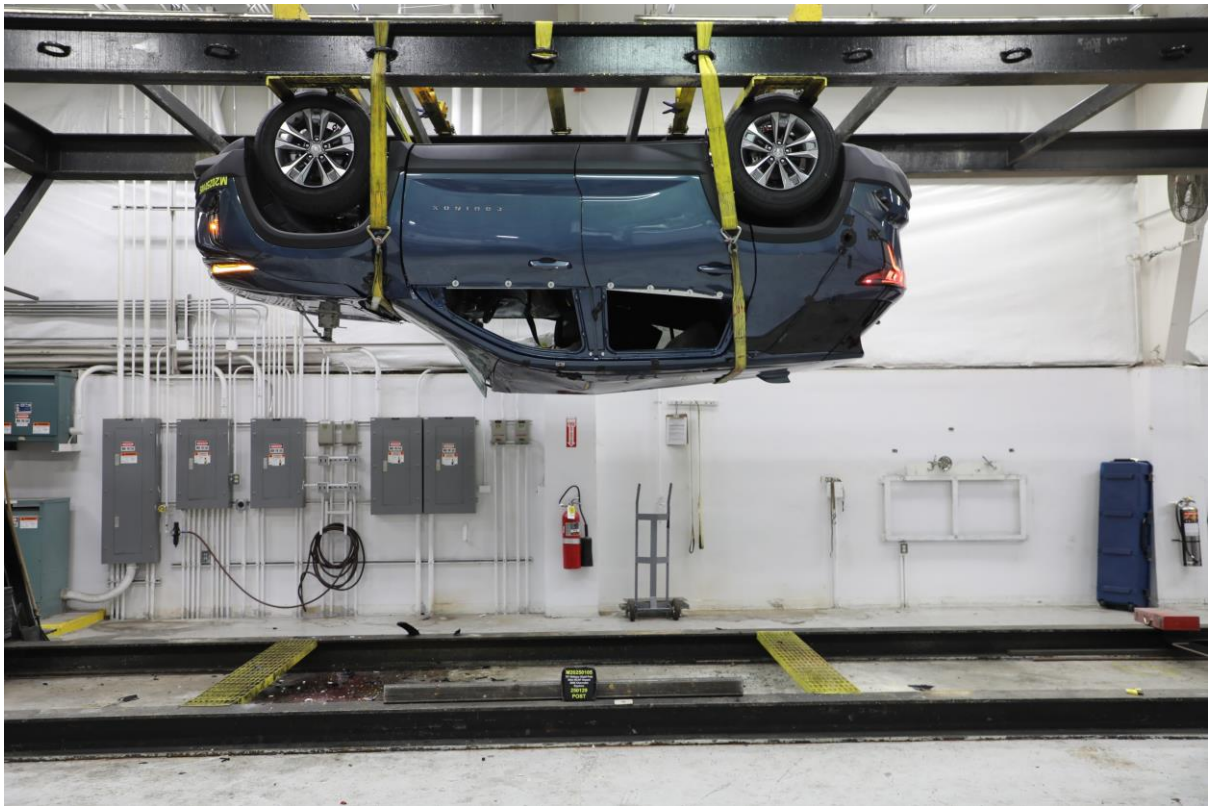
No. 064 Post-Test Primary and Redundant Speed Trap Read Out



No. 065 FMVSS No. 301 Static Rollover 0 Degrees



No. 066 FMVSS No. 301 Static Rollover 90 Degrees



No. 067 FMVSS No. 301 Static Rollover 180 Degrees



No. 068 FMVSS No. 301 Static Rollover 270 Degrees



No. 069 FMVSS No. 301 Static Rollover 360 Degrees



No. 070 Impact Event

STANDARD EQUIPMENT FUEL TANKERAGE BELOW ARE INCLUDED AT NO EXTRA CHARGE IN THE STANDARD VEHICLE PRICE. - SEE INSTAR.COM FOR TERMS *11.3" DIAGONAL LCD DISPLAY WITH GOOGLE BUILT-IN WIRELESS APP CLAY AND ANDROID AUTO FOR COMPATIBLE PHONES *11" DIAGONAL DRIVER INFORMATION CENTER - SIRIUSXM AUDIO WITH SIXM TRIAL SUBSCRIPTION - KEYLESS OPEN AND FRONT REMOTE START - ACTIVE NOISE CANCELLATION INTERIOR - HEATED FRONT BUCKET SEATS 6-WAY MANUAL DRIVER SEAT ADJUSTER - HEATED STEERING WHEEL - USB PORTS - EXPRESS UPDOWN DRIVER WINDOW, ALL EXPRESS DOWN - PASS-TROUGH CONSOLE PERFORMANCE & MECHANICAL 17" GRAZEN METALLIC MACHINED-FACE ALUMINUM WHEELS 17" STEEL SPARE WHEEL CONNECTIVITY & TECHNOLOGY 8 YEARS ONSTAR ONE ESSENTIALS		- ILLUMINATED VISOR VANITY MIRRORS EXTERIOR - OUTSIDE HEATED MIRRORS - LED HEAD LAMPS - LED TAIL LAMPS - REAR DEEP-TINTED WINDOWS SAFETY & SECURITY - ENHANCED AUTOMATIC EMERGENCY BRAKING - FRONT PEDESTRIAN AND BICYCLIST BRAKING - ENHANCED LANE KEEP ASSIST WITH LANE DEPARTURE WARNING - FOLLOWING DISTANCE INDICATOR - FORWARD COLLISION ALERT - INTELLIBEAM, AUTO HIGH BEAM - INTERSECTION AUTOMATIC EMERGENCY BRAKING - REAR CROSS TRAFFIC BRAKING - REVERSE AUTOMATIC BRAKING - REAR PARK ASSIST		- BLIND ZONE STEERING ASSIST - SAFETY ALERT SEAT - ADAPTIVE CRUISE CONTROL MANUFACTURER'S SUGGESTED RETAIL PRICE <table border="1"> <tr> <th>STANDARD VEHICLE PRICE</th> <th>\$28,600.00</th> </tr> </table> OPTIONS & PRICING OPTIONAL INSTALLED BY THE MANUFACTURER (MSRP REPLACE STANDARD EQUIPMENT SHOWN) SAFETY AND TECHNOLOGY PACKAGE 1,085.00 - HD SURROUND VISION - REAR PEDESTRIAN ALERT - TRAFFIC SIGN RECOGNITION - FRONT FOG LAMPS - REAR CAMERA MIRROR - REAR CAMERA MIRROR WASHER <table border="1"> <thead> <tr> <th>TOTAL OPTIONS</th> <th>\$1,085.00</th> </tr> </thead> <tbody> <tr> <td>TOTAL VEHICLE & OPTIONS</td> <td>\$29,685.00</td> </tr> <tr> <td>DESTINATION CHARGE</td> <td>1,395.00</td> </tr> </tbody> </table>	STANDARD VEHICLE PRICE	\$28,600.00	TOTAL OPTIONS	\$1,085.00	TOTAL VEHICLE & OPTIONS	\$29,685.00	DESTINATION CHARGE	1,395.00	visit us at www.citricity.com <table border="1"> <tr> <th>TOTAL VEHICLE PRICE*</th> <th>\$31,080.00</th> </tr> </table>	TOTAL VEHICLE PRICE*	\$31,080.00	PARTS CONTENT INFORMATION This label has been placed pursuant to Federal law - Do not remove after delivery to the Manufacturer's Recommended or Authorized Dealer Service. Does not include dealer-installed options and accessories not listed above. Visit dealer or service center. FOR VEHICLES IN THIS CARLINE: U.S./CANADA PARTS CONTENT: 15% MAJOR SOURCES OF FOREIGN PARTS CONTENT: MEXICO 49% NOTE: PARTS CONTENT DOES NOT INCLUDE FINAL ASSEMBLY, DISTRIBUTION, OR OTHER NON-PARTS COSTS. FOR THIS VEHICLE: FINAL ASSEMBLY POINT: SAN LUIS POTOSI, MEXICO COUNTRY OF ORIGIN: ENGINE: MEXICO TRANSMISSION: MEXICO © 2020 General Motors LLC GM VIN, PRECED 2020-10073930
STANDARD VEHICLE PRICE	\$28,600.00															
TOTAL OPTIONS	\$1,085.00															
TOTAL VEHICLE & OPTIONS	\$29,685.00															
DESTINATION CHARGE	1,395.00															
TOTAL VEHICLE PRICE*	\$31,080.00															
EPA DOT Fuel Economy and Environment Fuel Economy 27 MPG combined city/hwy 26 city 28 highway 3.7 gallons per 100 miles You spend \$250 more in fuel costs over 5 years compared to the average new vehicle. Small SUV's range from 14 to 118 MPG. The best vehicle rates 140 MPG.		Gasoline Vehicle Smog Rating (tailpipe only) 6 Best		GOVERNMENT 5-STAR SAFETY RATINGS This vehicle has not been rated by the government for overall vehicle score, frontal crash, side crash or rollover risk. Source: National Highway Traffic Safety Administration (NHTSA) www.safercar.gov or 1-888-327-4236			ORDER NO ODPCHG SALES CODE E DEALS MODEL CODE DPTD DEALER NO 2363 TRAIL ASSIGNED DWP LEXINGTON, MEXICO VIN 3GM3TCEP5LS115787 RELATED TO SERVICE ORDER BACCHAN AUTO GROUP, INC. 8500 BLUEGRASS PKWY LOUISVILLE, KY 40298-1902 QR Code									
Actual results will vary for many reasons, including driving conditions and how you drive and maintain your vehicle. The average new vehicle gets 28 MPG and costs \$9,500 to fuel over 5 years. Cost estimates are based on 20 mpg/mile per gallon (MPG) as miles per gasoline gallon equivalent. Vehicle emissions are a significant cause of climate change and smog. fueleconomy.gov Calculate personalized estimates and compare vehicles Smartphone QR Code		Annual fuel cost \$1,950 Fuel Economy & Greenhouse Gas Rating (tailpipe only) 5 Best Smog Rating (tailpipe only) 6 Best This vehicle emits 332 grams CO₂ per mile. The best emits 0 grams per mile (tailpipe only). Producing and burning fuel also creates greenhouse gases from power plants and other sources.		Equipped with the safety and security of OnStar. Visit onstar.com for details. enrollment necessary			9JZ 1GA271016A									

No. 071 Monroney Label

12

Seats and Restraints

Adjust the head restraint so that the top of the restraint is at the same height as the top of the occupant's head. This position reduces the chance of a neck injury in a crash.

Front Seats

The vehicle's front seats have adjustable head restraints in the outboard seating positions.

A line drawing of a car seat headrest. Two vertical arrows, one pointing up and one pointing down, are positioned to the left of the headrest to indicate its range of motion. A small circular button on the right side of the headrest is indicated by an arrow pointing to it.

The height of the head restraint can be adjusted.

To raise or lower the head restraint, press the button located on the side of the head restraint and pull up or push the head restraint down, and release the button. Pull and push on the head restraint after the button is released to make sure that it is locked in place.

The front seat outboard head restraints are not removable.

Rear Seats

Adjusting the Rear Head Restraint

The vehicle's rear seats have adjustable head restraints in the outboard seating positions.

The height of the head restraint can be adjusted. Pull the head restraint up to raise it. Try to move the head restraint to make sure that it is locked in place.

A line drawing of a car seat headrest. An arrow points upwards from the bottom of the headrest, indicating the direction to pull it to adjust its height.

To lower the head restraint, press the button, located on the top of the seatback, and push the head restraint down. Try to move the head restraint after the button is released to make sure that it is locked in place.

Always adjust the head restraint so that the top of the restraint is at the same height as the top of the occupant's head.

Rear outboard head restraints are not removable.

Front Seats

Seat Adjustment

Warning

You can lose control of the vehicle if you try to adjust a driver seat while the vehicle is moving. Adjust the driver seat only when the vehicle is not moving.

PHOTO NOT APPLICABLE

No. 073 Post-Test View of Shattered Vehicle Inner Door Panel

APPENDIX B
VEHICLE AND DUMMY RESPONSE DATA PLOTS

TABLE OF DATA PLOTS

No.	Description	Page
1	Driver Head Acceleration (X) vs. Time	B-4
2	Driver Head Acceleration (Y) vs. Time	B-4
3	Driver Head Acceleration (Z) vs. Time	B-4
4	Driver Head Acceleration Resultant vs. Time	B-4
5	Driver Lower Spine T12 Acceleration (X) vs. Time	B-5
6	Driver Lower Spine T12 Acceleration (Y) vs. Time	B-5
7	Driver Lower Spine T12 Acceleration (Z) vs. Time	B-5
8	Driver Lower Spine T12 Acceleration Resultant vs. Time	B-5
9	Driver Iliac Wing Force on Impact Side (Y) vs. Time	B-6
10	Driver Acetabulum Force on Impact Side (Y) vs. Time	B-6
11	Driver Total Pelvis Force on Impact Side (Y) vs. Time	B-6

The following additional data for this test can be obtained from the Research and Development section of the NHTSA website. The website can be found at: www.nhtsa.gov.

Additional Driver Dummy Instrumentation Data

Driver Head Acceleration (X) Redundant
Driver Head Acceleration (Y) Redundant
Driver Head Acceleration (Z) Redundant
Driver Upper Thorax Rib Deflection (Y)
Driver Middle Thorax Rib Deflection (Y)
Driver Lower Thorax Rib Deflection (Y)
Driver Upper Abdomen Rib Deflection (Y)
Driver Lower Abdomen Rib Deflection (Y)
Driver Head Angular Velocity (X)
Driver Head Angular Velocity (Y)
Driver Head Angular Velocity (Z)

Vehicle Instrumentation Data

Vehicle Center of Gravity Acceleration (X)
Vehicle Center of Gravity Acceleration (Y)
Vehicle Center of Gravity Acceleration (Z)
 Left Floor Sill Acceleration (Y)
 Left A-Pillar Sill Acceleration (Y)
 Left Lower A-Pillar Acceleration (Y)
 Left Mid A-Pillar Acceleration (Y)
 Left B-Pillar Sill Acceleration (Y)
 Left Lower B-Pillar Acceleration (Y)
 Left Mid B-Pillar Acceleration (Y)
Driver Seat Track at Dummy Hip Point Acceleration (Y)
 Engine Top Acceleration (X)
 Engine Top Acceleration (Y)
 Firewall Center Acceleration (Y)
Right Roof at Vertical Impact Reference Line Acceleration (Y)
Right Sill at Vertical Impact Reference Line Acceleration (Y)
Rear Floorpan Behind Rear Axle at Centerline Acceleration (X)
Rear Floorpan Behind Rear Axle at Centerline Acceleration (Y)

Pole Instrumentation Data

Load Cell Pole Barrier #1 Force (X)
Load Cell Pole Barrier #2 Force (X)
Load Cell Pole Barrier #3 Force (X)
Load Cell Pole Barrier #4 Force (X)
Load Cell Pole Barrier #5 Force (X)
Load Cell Pole Barrier #6 Force (X)
Load Cell Pole Barrier #7 Force (X)
Load Cell Pole Barrier #8 Force (X)

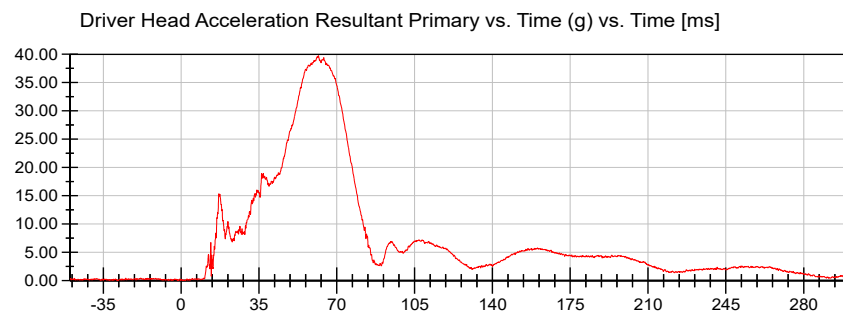
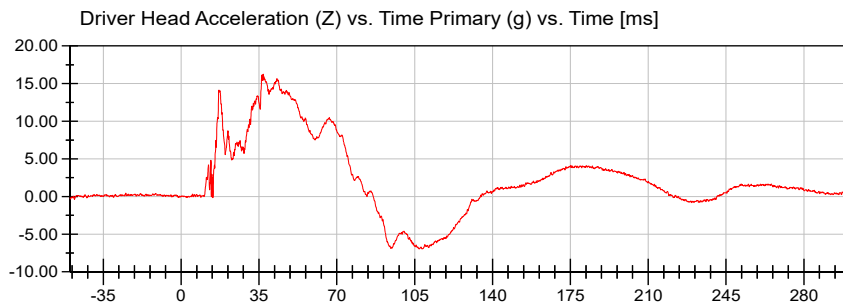
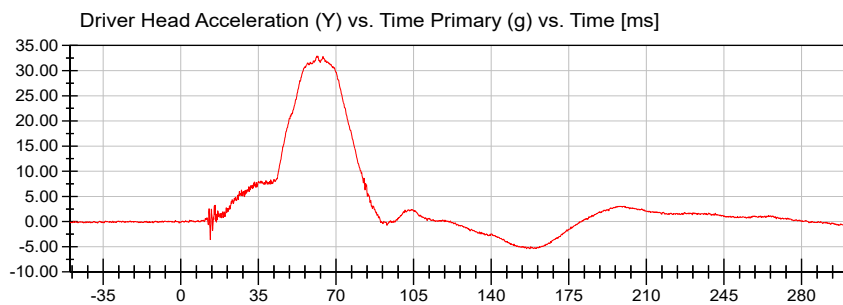
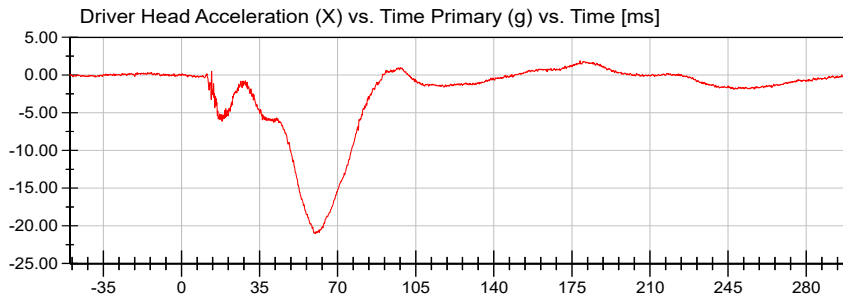
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Test Lab: CTF

Test Number: 250129 (M20250105)

Position #1 SID IIs Dummy (297)

Test Date: 01/29/2025



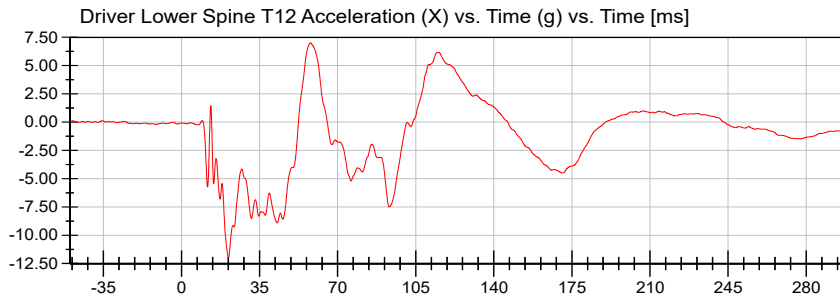
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Test Lab: CTF

Test Number: 250129 (M20250105)

Position #1 SID IIs Dummy (297)

Test Date: 01/29/2025



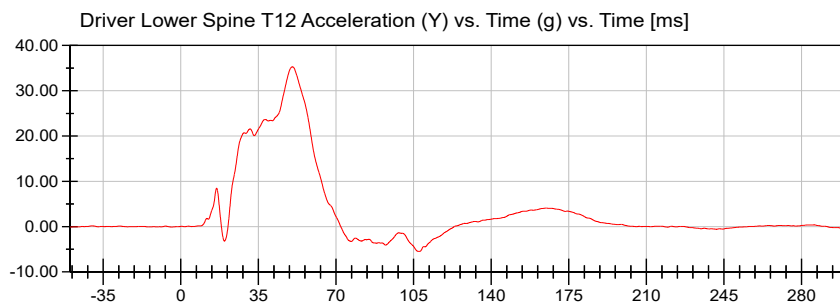
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6.99 g at 57.80 ms

<Min>

-11.97 g at 21.05 ms

CFC_180



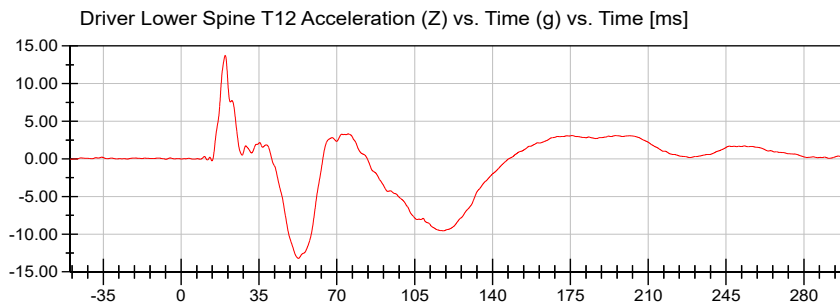
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35.27 g at 50.35 ms

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-5.46 g at 107.40 ms

CFC_180



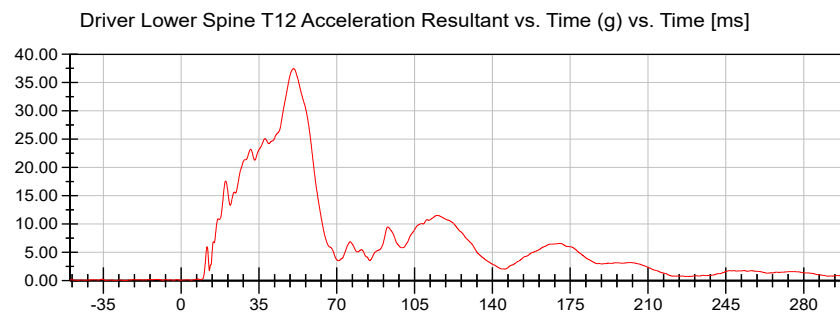
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-13.22 g at 52.75 ms

CFC_180



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37.46 g at 50.60 ms

<Min>

0.03 g at -24.75 ms

CFC_180



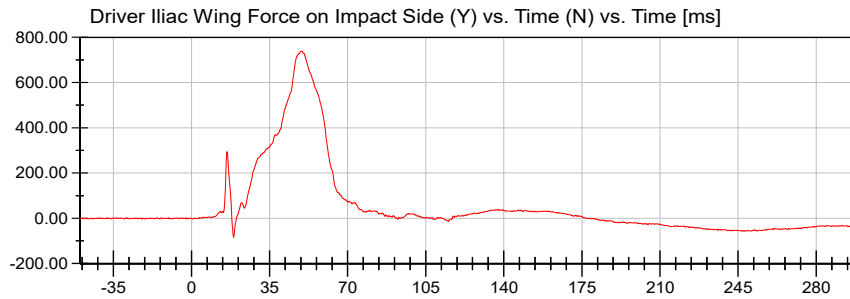
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Test Lab: CTF

Test Number: 250129 (M20250105)

Position #1 SID IIs Dummy (297)

Test Date: 01/29/2025



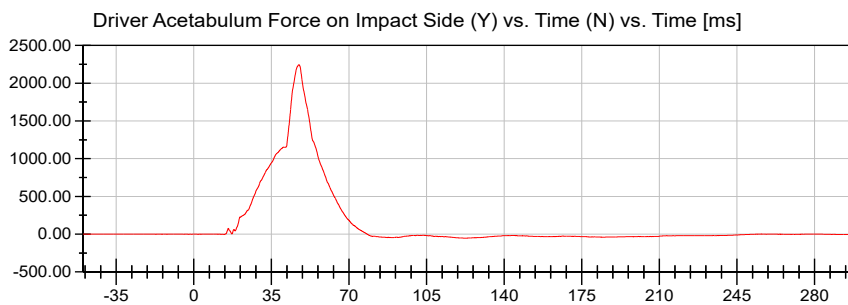
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738.38 N at 49.55 ms

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-84.15 N at 18.90 ms

CFC_600



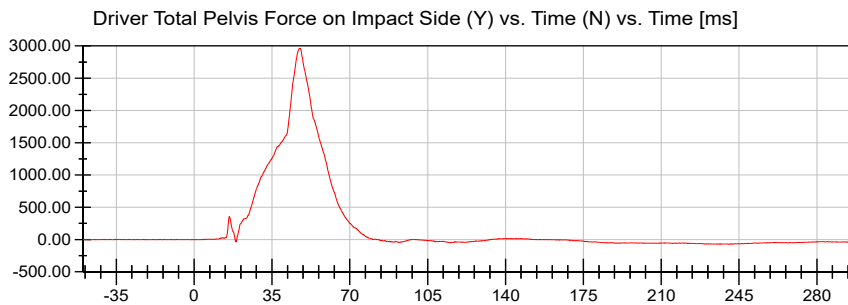
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2,244.38 N at 47.45 ms

<Min>

-53.17 N at 122.50 ms

CFC_600



<Max>

2,963.30 N at 47.55 ms

<Min>

-71.95 N at 240.25 ms

CFC_600



APPENDIX C
DUMMY CONFIGURATION AND PERFORMANCE VERIFICATION DATA

TABLE OF CALIBRATION MEASUREMENTS AND PLOTS
SID-IIs (Driver) Dummy
Description

Table 1. External Measurements

Table 2. Head Drop Test

Resultant Head Acceleration (G's) vs. Time (ms)
Head (X) Acceleration (G's) vs. Time (ms)
Head (Y) Acceleration (G's) vs. Time (ms)
Head (Z) Acceleration (G's) vs. Time (ms)

Table 3. Lateral Neck Pendulum Test

Pendulum Velocity (m/s) vs. Time (ms)
Flexion Angle (°) vs. Time (ms)
Moment About Occipital Condyle (Nm) vs. Time (ms)

Table 4. Shoulder Impact Test

Impactor Acceleration (G's) vs. Time (ms)
Shoulder Displacement (mm) vs. Time (ms)
Upper Spine Acceleration (G's) vs. Time (ms)

Table 5. Thorax (With Arm) Impact Test

Impactor Acceleration (G's) vs. Time (ms)
Shoulder Displacement (mm) vs. Time (ms)
Upper Rib Displacement (mm) vs. Time (ms)
Middle Rib Displacement (mm) vs. Time (ms)
Lower Rib Displacement (mm) vs. Time (ms)
Upper Spine Acceleration (G's) vs. Time (ms)
Lower Spine Acceleration (G's) vs. Time (ms)

Table 6. Thorax (Without Arm) Impact Test

Impactor Acceleration (G's) vs. Time (ms)
Upper Rib Displacement (mm) vs. Time (ms)
Middle Rib Displacement (mm) vs. Time (ms)
Lower Rib Displacement (mm) vs. Time (ms)
Upper Spine Acceleration (G's) vs. Time (ms)
Lower Spine Acceleration (G's) vs. Time (ms)

Table 7. Abdomen Impact Test

Impactor Acceleration (G's) vs. Time (ms)
Upper Abdominal Rib Displacement (mm) vs. Time (ms)
Lower Abdominal Rib Displacement (mm) vs. Time (ms)
Lower Spine Acceleration (G's) vs. Time (ms)

Table 8. Pelvis Plug Quasi-Static Test (Optional*)

Table 9. Pelvis Acetabulum Impact Test

Impactor Acceleration (G's) vs. Time (ms)
Pelvis (Y) Acceleration (G's) vs. Time (ms)
Acetabulum Force (N) vs. Time (ms)

Table 10. Pelvis Iliac Impact Test

Impactor Acceleration (G's) vs. Time (ms)
Pelvis (Y) Acceleration (G's) vs. Time (ms)
Iliac Force (N) vs. Time (ms)

Pre-Test Calibration Sheets
Driver S/N 297

Transportation Research Center Inc.
SIDIIs Dummy - Level D
External Dimensions
Serial No. 297 Calibration No. 72

Symbol	Description	Specification	Results	Pass
		mm	mm	
A	Sitting Height	772.0 - 788.0	780	Yes
B	Shoulder Pivot Height	437.0 - 453.0	450	Yes
C	H-Point Height	79.0 - 89.0	85	Yes
D	H-Point from Seat Back	141.0 - 151.0	147	Yes
E	Shoulder Pivot from Backline	97.0 - 107.0	102	Yes
F	Thigh Clearance	119.0 - 135.0	130	Yes
G	Head Breadth	140.0 - 148.0	147	Yes
H	Head Back from Backline	40.0 - 46.0	45	Yes
I	Head Depth	178.0 - 188.0	183	Yes
J	Head Circumference	541.0 - 551.0	544	Yes
K	Buttock to Knee Length	514.0 - 540.0	528	Yes
L	Popliteal Height	343.0 - 369.0	353	Yes
M	Knee Pivot to Floor Height	393.0 - 409.0	400	Yes
N	Buttock Popliteal Length	416.0 - 442.0	430	Yes
O	Chest Depth without Jacket	195.0 - 211.0	200	Yes
P	Foot Length (right)	216.0 - 232.0	223	Yes
P	Foot Length (left)	216.0 - 232.0	223	Yes
Q	Hip Breadth	313.0 - 323.0	319	Yes
R	Arm Length	249.0 - 259.0	254	Yes
S	Knee Joint to seat Back	478.0 - 493.0	485	Yes
V	Shoulder Width (only one arm installed)	341.0 - 357.0	347	Yes
W	Foot Width (right)	78.0 - 94.0	85	Yes
W	Foot Width (left)	78.0 - 94.0	85	Yes
Y	Chest Circumference with Jacket	851.0 - 881.0	877	Yes
Z	Waist Circumference	761.0 - 791.0	781	Yes

Revised 9/29/2005

Report Number: 297_S2F72



Transportation Research Center Inc.

Left Lateral Head Drop

SID IIS Serial No. 297 Certification No. 72-1

Test Date: 1/17/2025

Test Parameter	Specification	Test Results	Pass
Temperature	18.9 - 25.6 °C	21.1 °C	Yes
Relative Humidity	10 - 70 %	20 %	Yes
Peak Head Resultant Acceleration	115 - 137 g	125.0 g	Yes
Peak Head Longitudinal Acceleration	(-15) - 15 g	4.8 g	Yes
Is Head Resultant Acceleration Curve Unimodal within 15% of Peak?	< 15 %	1.20 %	Yes

Test meets specifications.

Condition: Used

Comments:

Head Skin S/N: 1330

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.17.2025 08:20:48 232



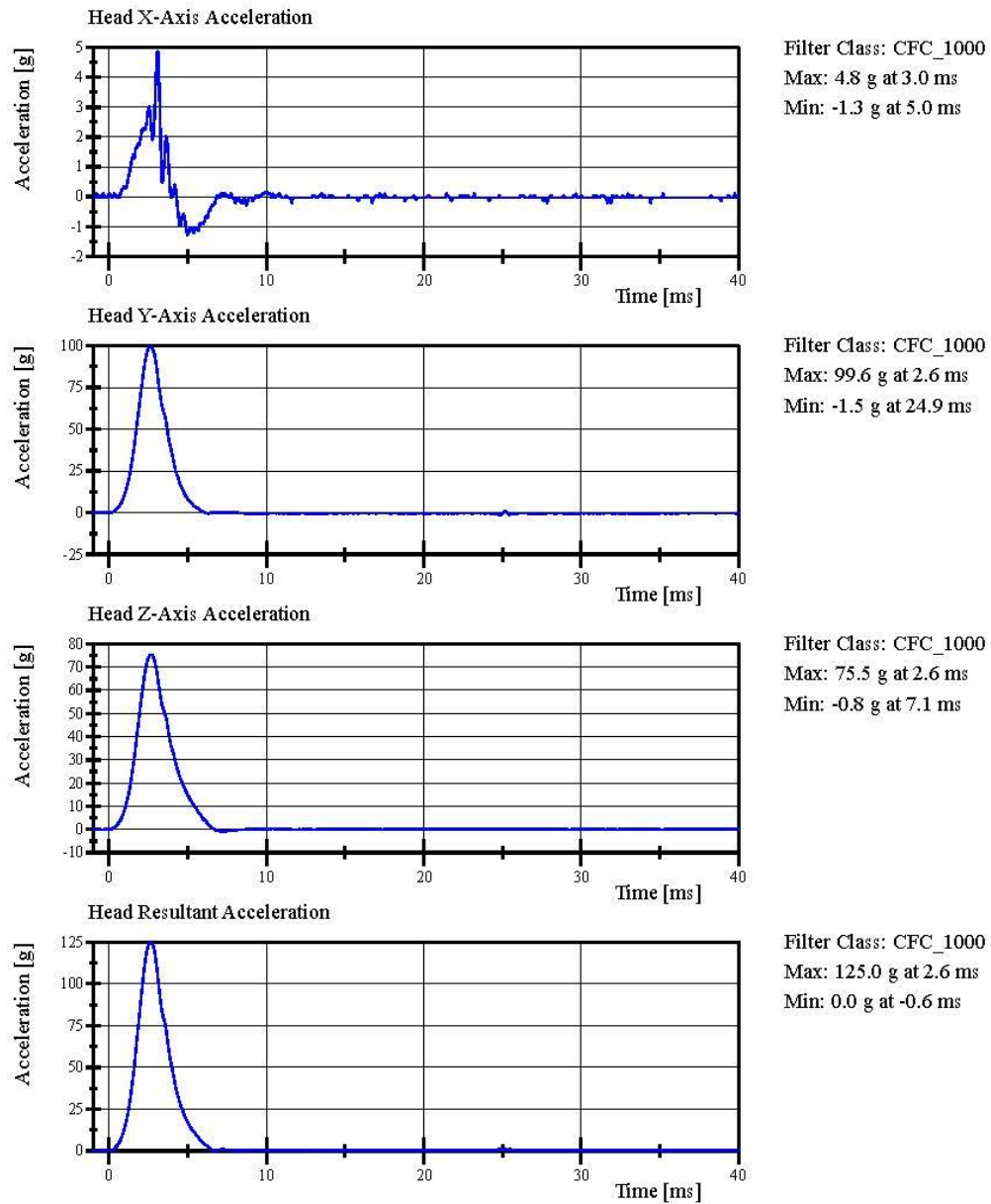
Report Number: 297_S2F72

Transportation Research Center Inc.

Left Lateral Head Drop

SID IIa Serial No. 297 Certification No. 72-1

Test Date: 1/17/2025



Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.17.2025 08:21:18 232



Report Number: 297_S2F72

Transportation Research Center Inc.

Left Lateral Neck

SID II: Serial No. 297 Certification No. 72-1

Test Date: 1/17/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.4 °C	Yes
Relative Humidity	10 - 70 %	21 %	Yes
Pendulum Velocity	(-5.51) - (-5.63) m/s	-5.607 m/s	Yes
Pendulum Integrated Velocity			
Change at 10 ms	2.20 - 2.80 m/s	2.380 m/s	Yes
Change at 15 ms	3.30 - 4.10 m/s	3.498 m/s	Yes
Change at 20 ms	4.40 - 5.40 m/s	4.788 m/s	Yes
Change at 25 ms	5.40 - 6.10 m/s	5.787 m/s	Yes
Change at 25 to 100 ms	5.50 - 6.20 m/s	5.844 m/s	Yes
Maximum Headform Flexion			
Peak	(-71) - (-81) deg	-79.5 deg	Yes
Time of Peak	50 - 70 ms	62.2 ms	Yes
Total Neck Occipital Condyles Moment	36 - 44 N·m	40.2 N·m	Yes
Decay to 0 N·m	102 - 126 ms	114.8 ms	Yes

Test meets specifications.

Condition: Used

Comments:

Neck S/N: 779

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.17.2025 08:50:22 750



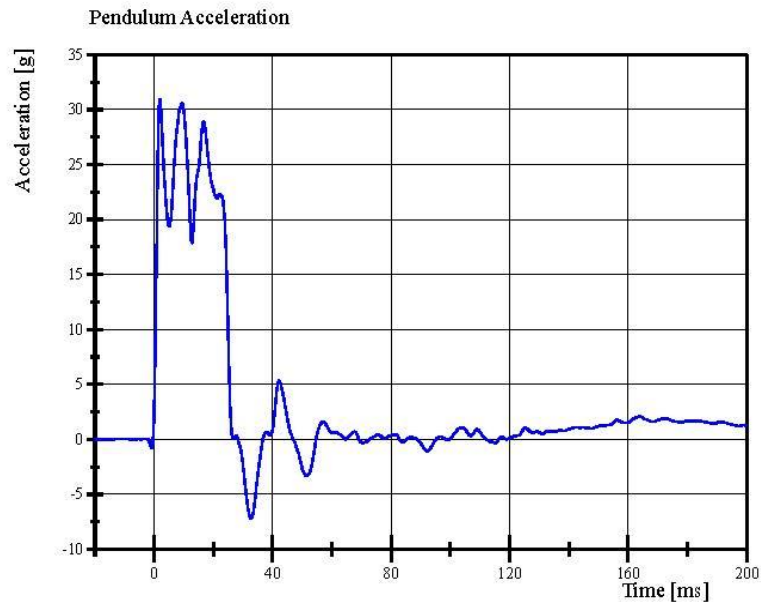
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Transportation Research Center Inc.

Left Lateral Neck

SID II_s Serial No. 297 Certification No. 72-1

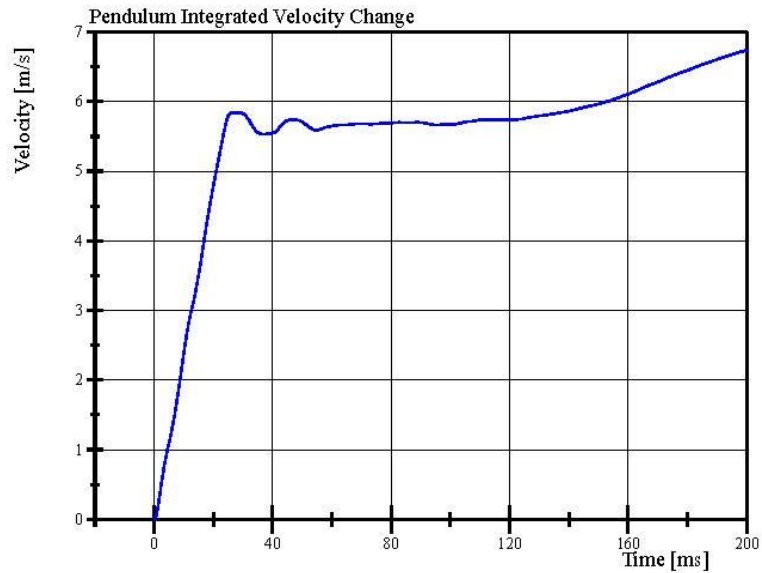
Test Date: 1/17/2025



Filter Class: CFC_180

Max: 30.9 g at 1.9 ms

Min: -7.2 g at 32.7 ms



Filter Class: CFC_180

Max: 6.7 m/s at 200.0 ms

Min: 0.0 m/s at 0.0 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.17.2025 08:50:52 750



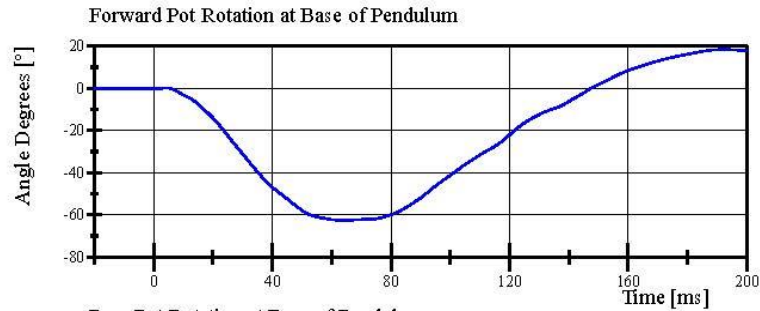
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Transportation Research Center Inc.

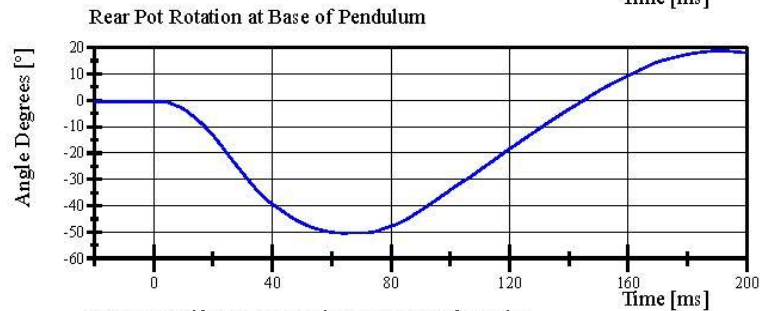
Left Lateral Neck

SID II_s Serial No. 297 Certification No. 72-1

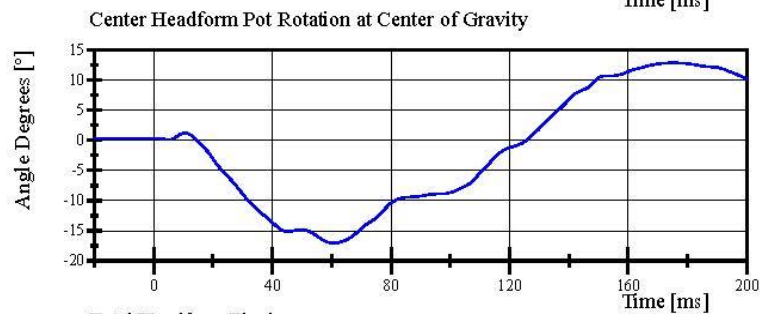
Test Date: 1/17/2025



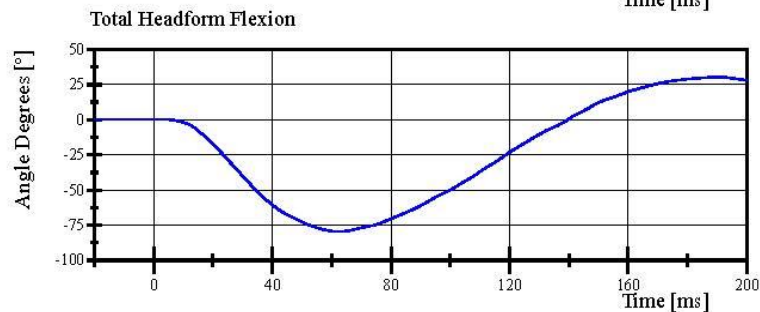
Filter Class: CFC_60
Max: 18.4 ° at 192.4 ms
Min: -62.6 ° at 64.2 ms



Filter Class: CFC_60
Max: 18.7 ° at 191.2 ms
Min: -50.4 ° at 64.2 ms



Filter Class: CFC_60
Max: 12.9 ° at 175.3 ms
Min: -17.0 ° at 60.8 ms



Filter Class: CFC_60
Max: 30.4 ° at 190.2 ms
Min: -79.5 ° at 62.2 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.17.2025 08:50:52 750



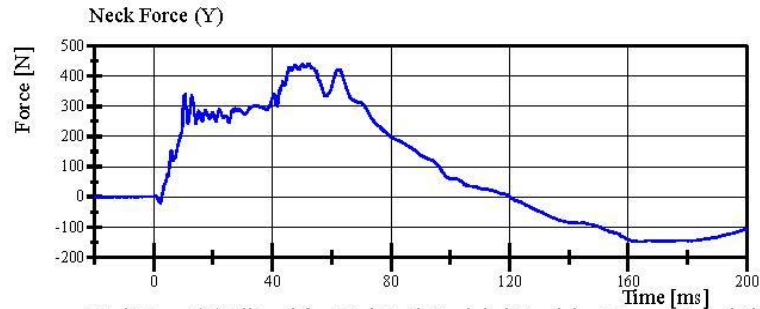
Report Number: 297_S2F72

Transportation Research Center Inc.

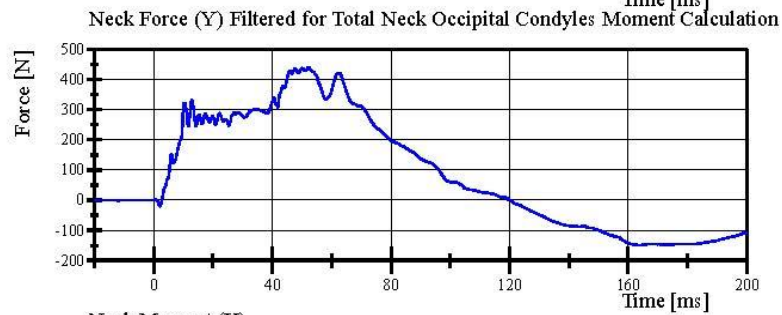
Left Lateral Neck

SID II_s Serial No. 297 Certification No. 72-1

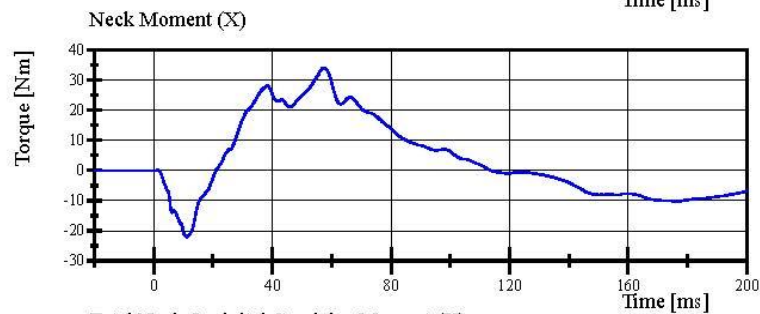
Test Date: 1/17/2025



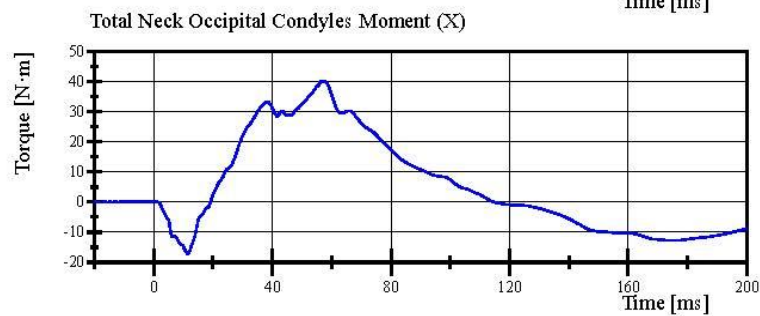
Filter Class: CFC_1000
Max: 440.5 N at 52.4 ms
Min: -149.4 N at 164.6 ms



Filter Class: CFC_600
Max: 440.1 N at 52.3 ms
Min: -149.2 N at 164.6 ms



Filter Class: CFC_600
Max: 34.0 Nm at 57.5 ms
Min: -22.2 Nm at 11.2 ms



Filter Class: Without_(Constan
Max: 40.2 N·m at 56.8 ms
Min: -17.3 N·m at 11.4 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.17.2025 08:50:52 750



Report Number: 297_S2F72

Transportation Research Center Inc.

Left Lateral Shoulder

SID II: Serial No. 297 Certification No. 72-1

Test Date: 1/20/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.7 °C	Yes
Relative Humidity	10 - 70 %	12 %	Yes
Impactor Velocity	4.2 - 4.4 m/s	4.33 m/s	Yes
Impactor Acceleration	(-13) - (-18) g	-15.4 g	Yes
Shoulder Displacement	28 - 37 mm	31.7 mm	Yes
Upper Spine Lateral Acceleration	17 - 22 g	19.6 g	Yes

Test meets specifications.

Condition: Used

Comments:

Arm S/N: 940L

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.20.2025 11:11:17 856



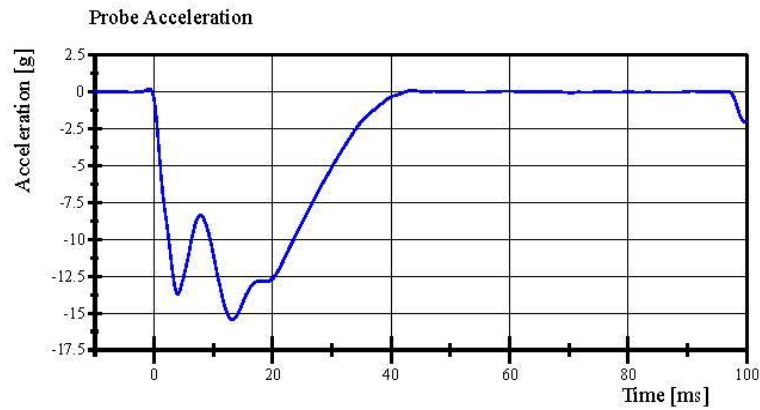
Report Number: 297_S2F72

Transportation Research Center Inc.

Left Lateral Shoulder

SID IIa Serial No. 297 Certification No. 72-1

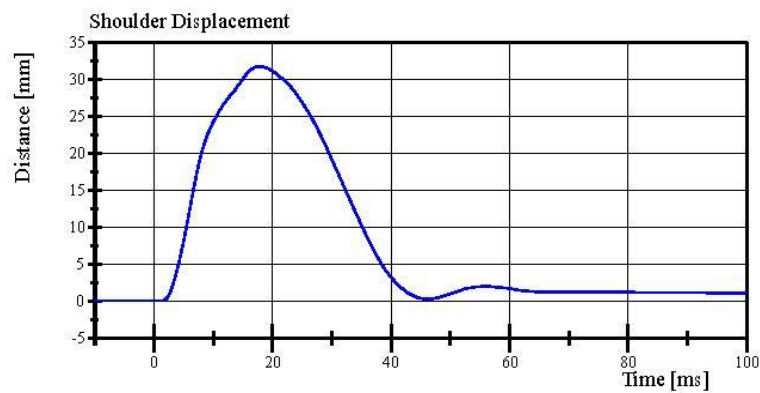
Test Date: 1/20/2025



Filter Class: CFC_180

Max: 0.2 g at -0.8 ms

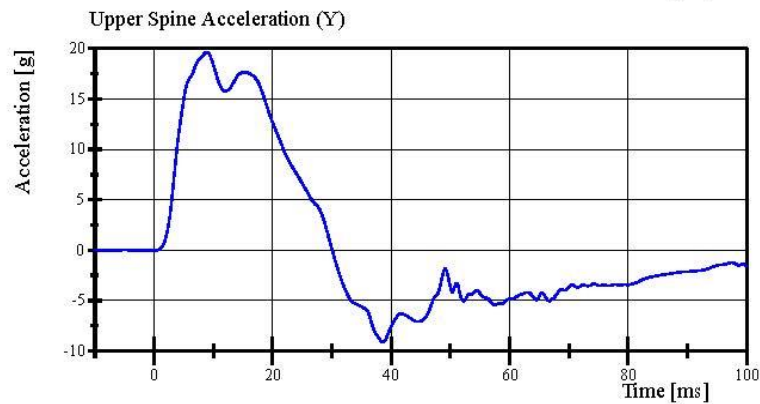
Min: -15.4 g at 13.2 ms



Filter Class: CFC_600

Max: 31.7 mm at 17.5 ms

Min: -0.0 mm at 1.0 ms



Filter Class: CFC_180

Max: 19.6 g at 9.0 ms

Min: -9.1 g at 38.6 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.20.2025 11:11:57 856



Report Number: 297_S2F72

Transportation Research Center Inc.

Left Lateral Thorax with Arm

SID II's Serial No. 297 Certification No. 72-1

Test Date: 1/23/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	20.9 °C	Yes
Relative Humidity	10 - 70 %	13 %	Yes
Impactor Velocity	6.60 - 6.80 m/s	6.726 m/s	Yes
Impactor Acceleration	(-30) - (-36) g	-35.5 g	Yes
Shoulder Displacement	31 - 40 mm	35.5 mm	Yes
Upper Thorax Rib Displacement	25 - 32 mm	26.9 mm	Yes
Center Thorax Rib Displacement	30 - 36 mm	30.8 mm	Yes
Lower Thorax Rib Displacement	32 - 38 mm	33.6 mm	Yes
Upper Spine Lateral Acceleration	34 - 43 g	39.7 g	Yes
Lower Spine Lateral Acceleration	29 - 37 g	34.3 g	Yes

Test meets specifications.

Condition: Used

Comments:

Left Arm S/N: 940L

Shoulder Rib S/N: 550

Upper Thorax Rib S/N: DM5020

Middle Thorax Rib S/N: DM5021

Lower Thorax Rib S/N: DM5022

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.23.2025 10:18:07 611



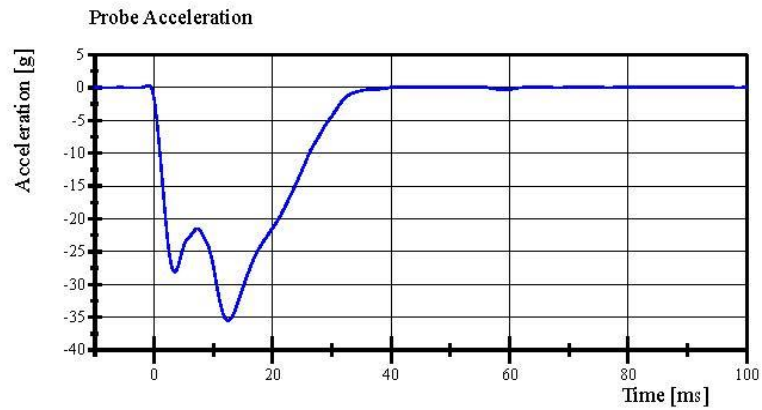
Report Number: 297_S2F72

Transportation Research Center Inc.

Left Lateral Thorax with Arm

SID II_s Serial No. 297 Certification No. 72-1

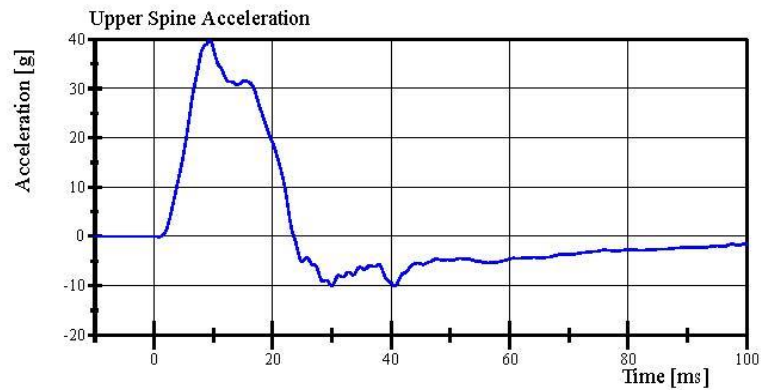
Test Date: 1/23/2025



Filter Class: CFC_180

Max: 0.3 g at -1.0 ms

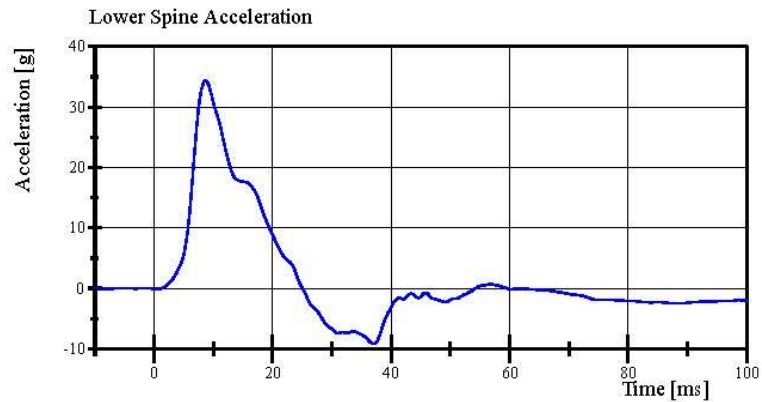
Min: -35.5 g at 12.5 ms



Filter Class: CFC_180

Max: 39.7 g at 9.4 ms

Min: -10.1 g at 30.0 ms



Filter Class: CFC_180

Max: 34.3 g at 8.6 ms

Min: -9.1 g at 37.0 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.23.2025 10:19:08 611



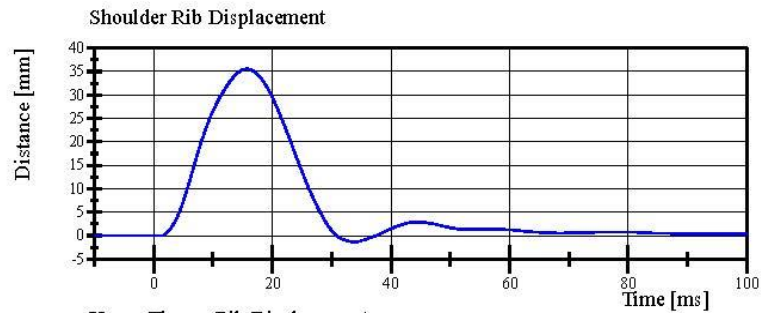
Report Number: 297_S2F72

Transportation Research Center Inc.

Left Lateral Thorax with Arm

SID II_s Serial No. 297 Certification No. 72-1

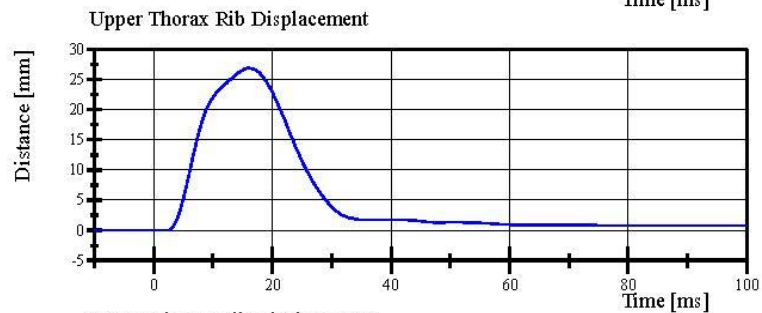
Test Date: 1/23/2025



Filter Class: CFC_600

Max: 35.5 mm at 15.7 ms

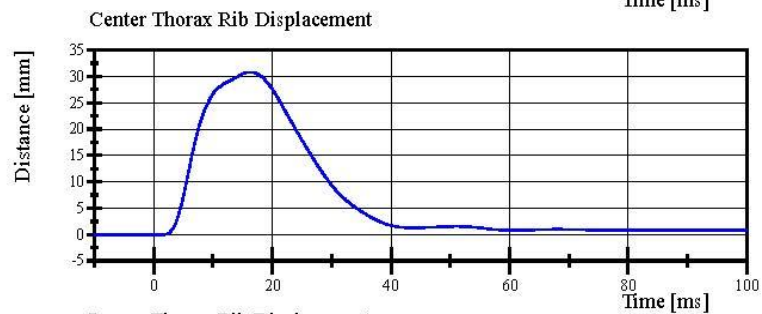
Min: -1.3 mm at 33.8 ms



Filter Class: CFC_600

Max: 26.9 mm at 15.9 ms

Min: -0.0 mm at 2.2 ms



Filter Class: CFC_600

Max: 30.8 mm at 16.2 ms

Min: -0.0 mm at -7.4 ms



Filter Class: CFC_600

Max: 33.6 mm at 16.7 ms

Min: -0.0 mm at 2.2 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.23.2025 10:19:08 611



Report Number: 297_S2F72

Transportation Research Center Inc.

Left Lateral Thorax without Arm

SID II: Serial No. 297 Certification No. 72-4

Test Date: 1/23/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.1 °C	Yes
Relative Humidity	10 - 70 %	12 %	Yes
Impactor Velocity	4.20 - 4.40 m/s	4.366 m/s	Yes
Impactor Acceleration	(-14) - (-18) g	-16.1 g	Yes
Upper Thorax Rib Displacement	32 - 40 mm	35.9 mm	Yes
Center Thorax Rib Displacement	39 - 45 mm	41.8 mm	Yes
Lower Thorax Rib Displacement	35 - 43 mm	40.7 mm	Yes
Upper Spine Lateral Acceleration	13 - 17 g	14.4 g	Yes
Lower Spine Lateral Acceleration	7 - 11 g	9.9 g	Yes

Test meets specifications.

Condition: Used

Comments:

Upper Thorax Rib S/N: 180-3362 DP6492

Middle Thorax Rib S/N: 180-3362 DP6493

Lower Thorax Rib S/N: 180-3362 DP7664

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.23.2025 09:43:48 826



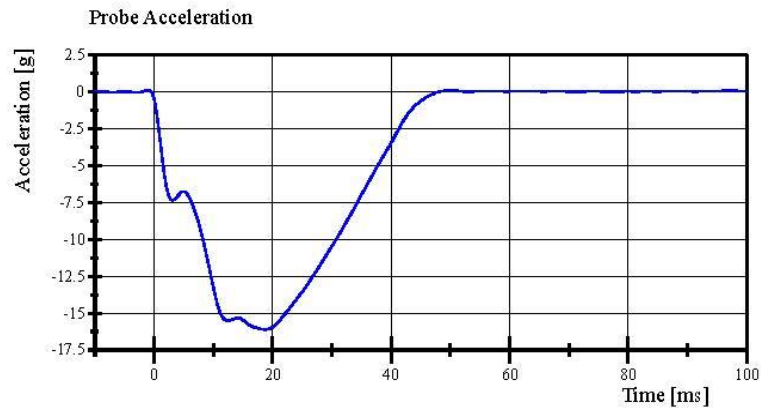
Report Number: 297_S2F72

Transportation Research Center Inc.

Left Lateral Thorax without Arm

SID II_s Serial No. 297 Certification No. 72-4

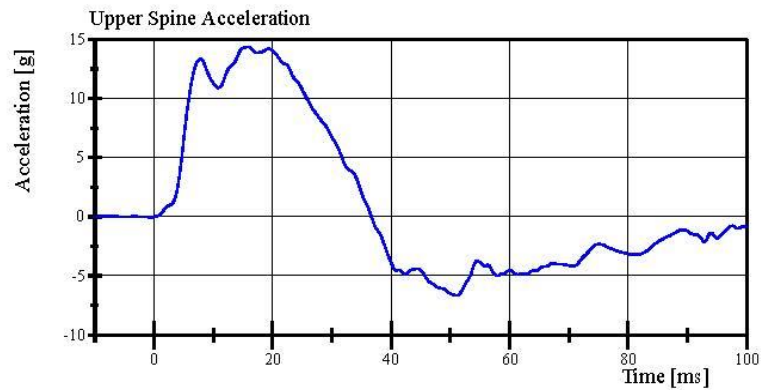
Test Date: 1/23/2025



Filter Class: CFC_180

Max: 0.1 g at -1.0 ms

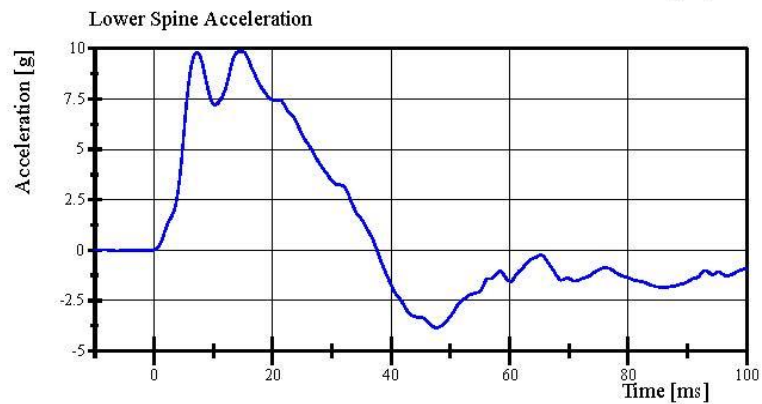
Min: -16.1 g at 18.7 ms



Filter Class: CFC_180

Max: 14.4 g at 15.8 ms

Min: -6.7 g at 51.0 ms



Filter Class: CFC_180

Max: 9.9 g at 14.6 ms

Min: -3.9 g at 47.7 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.23.2025 09:44:44 826



Report Number: 297_S2F72

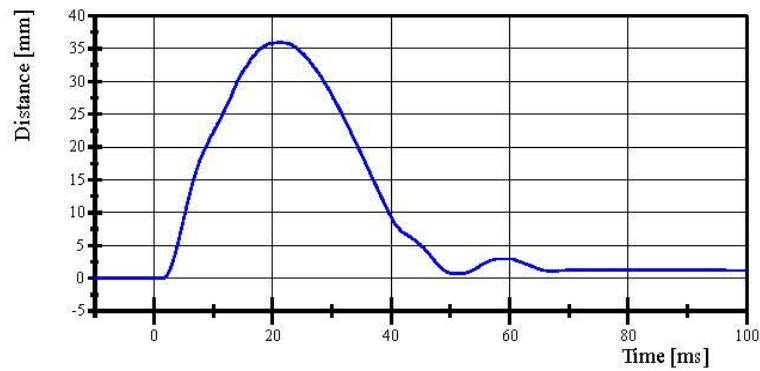
Transportation Research Center Inc.

Left Lateral Thorax without Arm

SID II_s Serial No. 297 Certification No. 72-4

Test Date: 1/23/2025

Upper Thorax Rib Displacement

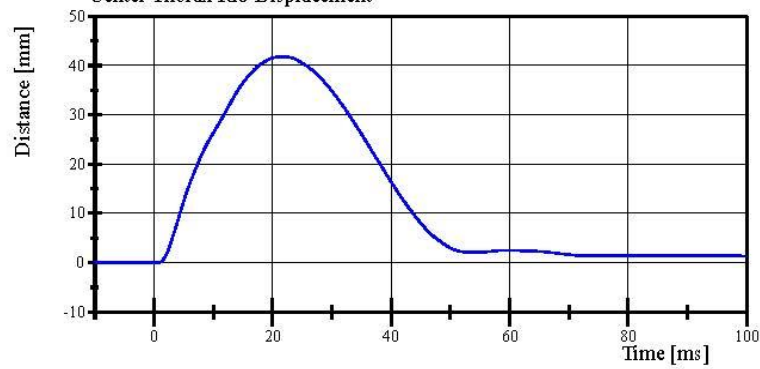


Filter Class: CFC_600

Max: 35.9 mm at 21.1 ms

Min: -0.0 mm at 1.4 ms

Center Thorax Rib Displacement

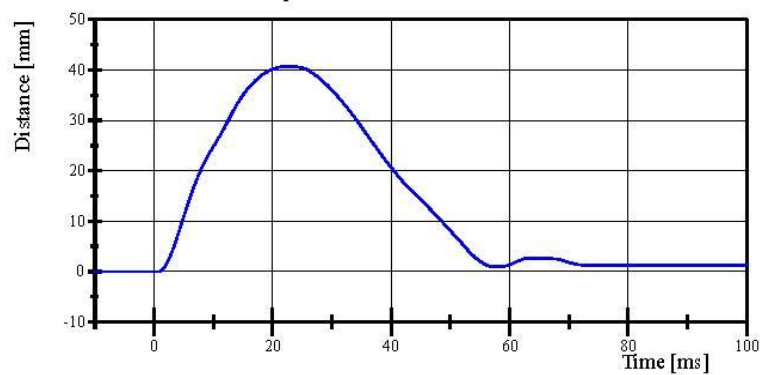


Filter Class: CFC_600

Max: 41.8 mm at 21.7 ms

Min: -0.0 mm at 0.6 ms

Lower Thorax Rib Displacement



Filter Class: CFC_600

Max: 40.7 mm at 22.2 ms

Min: -0.0 mm at 0.7 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.23.2025 09:44:44 826



Report Number: 297_S2F72

Transportation Research Center Inc.

Left Lateral Abdomen

SID II: Serial No. 297 Certification No. 72-5

Test Date: 1/23/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.7 °C	Yes
Relative Humidity	10 - 70 %	13 %	Yes
Impactor Velocity	4.2 - 4.4 m/s	4.39 m/s	Yes
Impactor Acceleration	(-12) - (-16) g	-15.4 g	Yes
Upper Abdominal Rib Displacement	36 - 47 mm	37.5 mm	Yes
Lower Abdominal Rib Displacement	33 - 44 mm	39.2 mm	Yes
Lower Spine Lateral Acceleration	9 - 14.0 g	12.31 g	Yes

Test meets specifications.

Condition: Used

Comments:

New Displacement Pot S/N: 08TC1-3984-081

Upper Abdominal Rib S/N: AB8010

Lower Abdominal Rib S/N: DM7275

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.23.2025 10:58:18 701



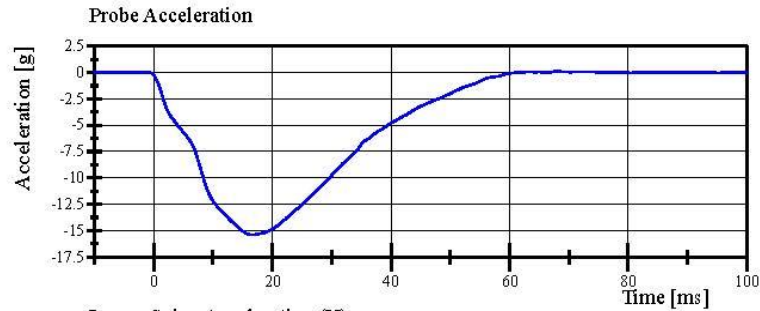
Report Number: 297_S2F72

Transportation Research Center Inc.

Left Lateral Abdomen

SID II_s Serial No. 297 Certification No. 72-5

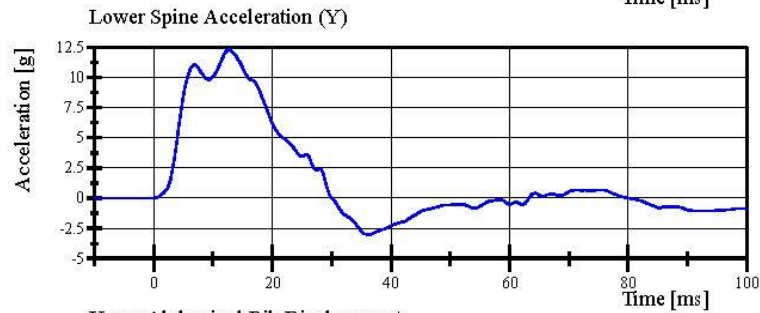
Test Date: 1/23/2025



Filter Class: CFC_180

Max: 0.1 g at 67.9 ms

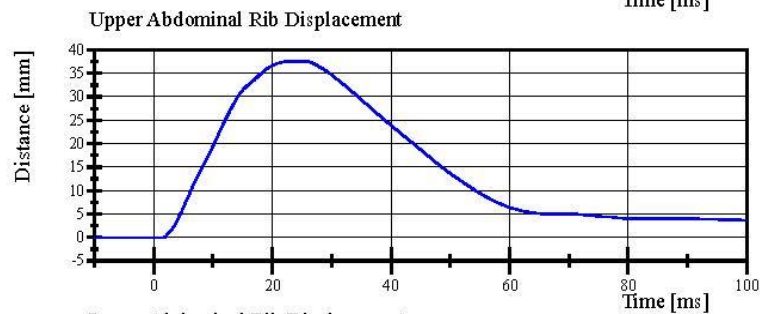
Min: -15.4 g at 16.6 ms



Filter Class: CFC_180

Max: 12.3 g at 12.6 ms

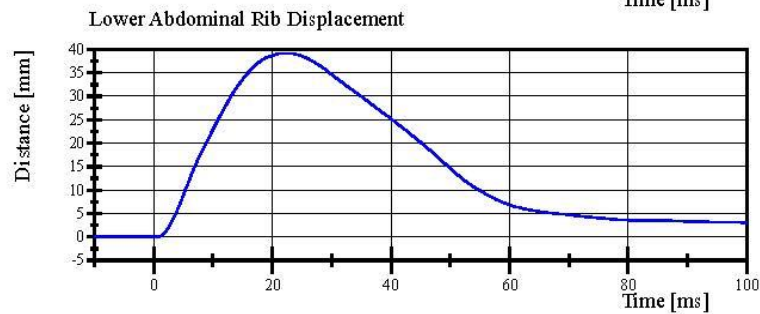
Min: -3.0 g at 36.3 ms



Filter Class: CFC_600

Max: 37.5 mm at 23.4 ms

Min: -0.0 mm at 1.6 ms



Filter Class: CFC_600

Max: 39.2 mm at 22.1 ms

Min: -0.0 mm at -9.7 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.23.2025 11:05:05 701



Report Number: 297_S2F72

Transportation Research Center Inc.

Left Lateral Pelvis

SID IIs Serial No. 297 Certification No. 72-1

Test Date: 1/20/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.0 °C	Yes
Relative Humidity	10 - 70 %	12 %	Yes
Pendulum Velocity	6.6 - 6.8 m/s	6.62 m/s	Yes
Impactor Acceleration	(-38.0) - (-47.0) g	-43.84 g	Yes
Peak Pelvis Lateral Acceleration after 6ms	34 - 42 g	38.2 g	Yes
Acetabulum Force	3,600 - 4,300 N	3,735.2 N	Yes

Test meets specifications.

Condition: Used

Comments:

Pelvis Skin S/N: 1171

Pelvis Plug Info:

Manufacturer: Saco

S/N: 14520

Cal Date: 20201218

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.20.2025 11:00:32 460



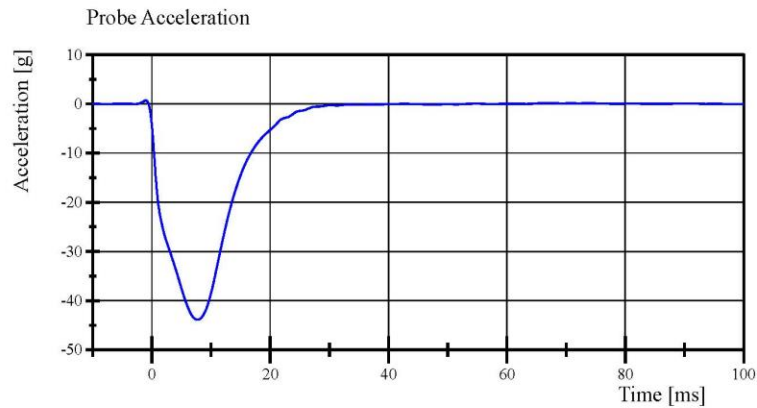
Report Number: 297_S2F72

Transportation Research Center Inc.

Left Lateral Pelvis

SID IIs Serial No. 297 Certification No. 72-1

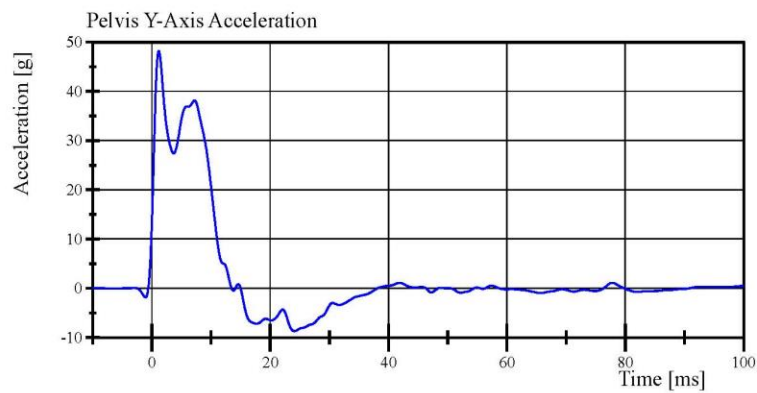
Test Date: 1/20/2025



Filter Class: CFC_180

Max: 0.7 g at -1.0 ms

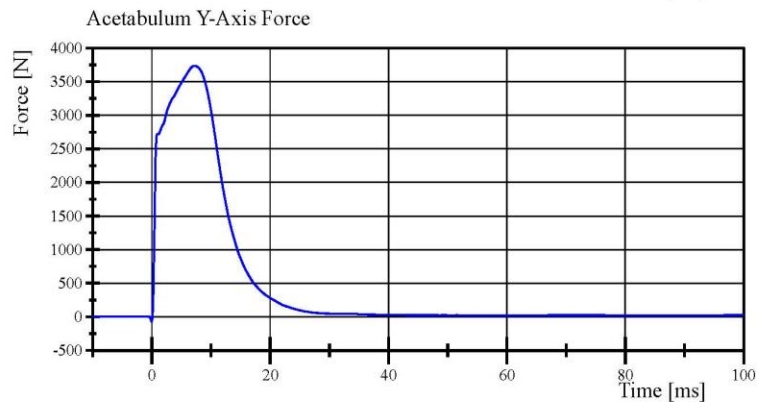
Min: -43.8 g at 7.7 ms



Filter Class: CFC_180

Max: 48.2 g at 1.1 ms

Min: -8.7 g at 24.1 ms



Filter Class: CFC_600

Max: 3,735.2 N at 7.2 ms

Min: -65.6 N at -0.1 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.20.2025 11:02:16 460



Report Number: 297_S2F72

Transportation Research Center Inc.

Left Lateral Iliac

SID IIs Serial No. 297 Certification No. 72-1

Test Date: 1/20/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.1 °C	Yes
Relative Humidity	10 - 70 %	12 %	Yes
Pendulum Velocity	4.2 - 4.4 m/s	4.25 m/s	Yes
Impactor Acceleration	(-36) - (-45) g	-41.7 g	Yes
Peak Pelvis Lateral Acceleration	28 - 39 g	33.8 g	Yes
Iliac Force	4,100 - 5,100 N	4,825.2 N	Yes

Test meets specifications.

Condition: Used

Comments:

Pelvis Skin S/N: 1171

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.20.2025 14:15:11 635



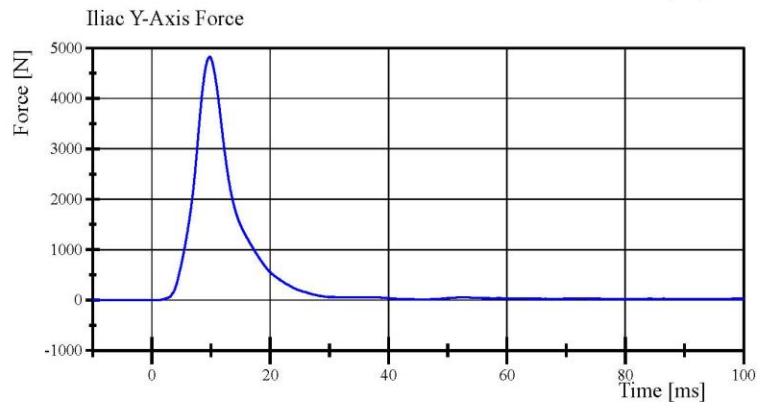
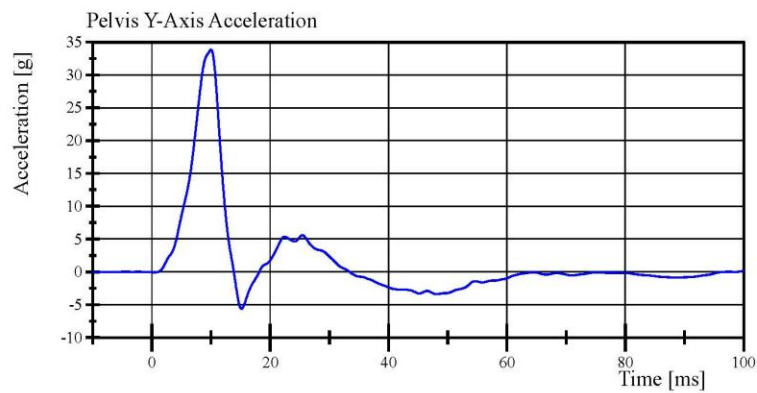
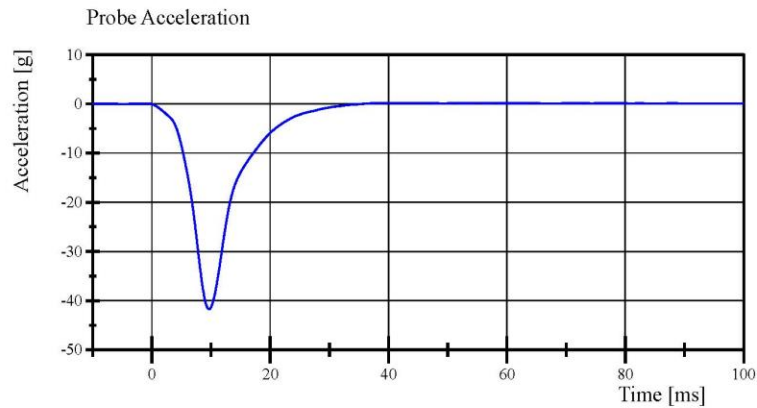
Report Number: 297_S2F72

Transportation Research Center Inc.

Left Lateral Iliac

SID IIs Serial No. 297 Certification No. 72-1

Test Date: 1/20/2025



Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.20.2025 14:15:36 635



Report Number: 297_S2F72

Post-Test Calibration Sheets
Driver S/N 297

Transportation Research Center Inc.
SIDIIs Dummy - Level D
External Dimensions
Serial No. 297 Calibration No. 73

Symbol	Description	Specification	Results	Pass
		mm	mm	
A	Sitting Height	772.0 - 788.0	780	Yes
B	Shoulder Pivot Height	437.0 - 453.0	450	Yes
C	H-Point Height	79.0 - 89.0	85	Yes
D	H-Point from Seat Back	141.0 - 151.0	147	Yes
E	Shoulder Pivot from Backline	97.0 - 107.0	102	Yes
F	Thigh Clearance	119.0 - 135.0	130	Yes
G	Head Breadth	140.0 - 148.0	147	Yes
H	Head Back from Backline	40.0 - 46.0	45	Yes
I	Head Depth	178.0 - 188.0	183	Yes
J	Head Circumference	541.0 - 551.0	544	Yes
K	Buttock to Knee Length	514.0 - 540.0	528	Yes
L	Popliteal Height	343.0 - 369.0	353	Yes
M	Knee Pivot to Floor Height	393.0 - 409.0	400	Yes
N	Buttock Popliteal Length	416.0 - 442.0	430	Yes
O	Chest Depth without Jacket	195.0 - 211.0	200	Yes
P	Foot Length (right)	216.0 - 232.0	223	Yes
P	Foot Length (left)	216.0 - 232.0	223	Yes
Q	Hip Breadth	313.0 - 323.0	319	Yes
R	Arm Length	249.0 - 259.0	254	Yes
S	Knee Joint to seat Back	478.0 - 493.0	485	Yes
V	Shoulder Width (only one arm installed)	341.0 - 357.0	347	Yes
W	Foot Width (right)	78.0 - 94.0	85	Yes
W	Foot Width (left)	78.0 - 94.0	85	Yes
Y	Chest Circumference with Jacket	851.0 - 881.0	877	Yes
Z	Waist Circumference	761.0 - 791.0	781	Yes

Revised 9/29/2005

Report Number: 297_S2F73

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Transportation Research Center Inc.

Left Lateral Head Drop

SID IIS Serial No. 297 Certification No. 73-1

Test Date: 1/30/2025

Test Parameter	Specification	Test Results	Pass
Temperature	18.9 - 25.6 °C	21.1 °C	Yes
Relative Humidity	10 - 70 %	22 %	Yes
Peak Head Resultant Acceleration	115 - 137 g	128.7 g	Yes
Peak Head Longitudinal Acceleration	(-15) - 15 g	-1.7 g	Yes
Is Head Resultant Acceleration Curve Unimodal within 15% of Peak?	< 15 %	0.70 %	Yes

Test meets specifications.

Condition: Used

Comments:

Head Skin S/N: 1330

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.30.2025 09:51:53 232

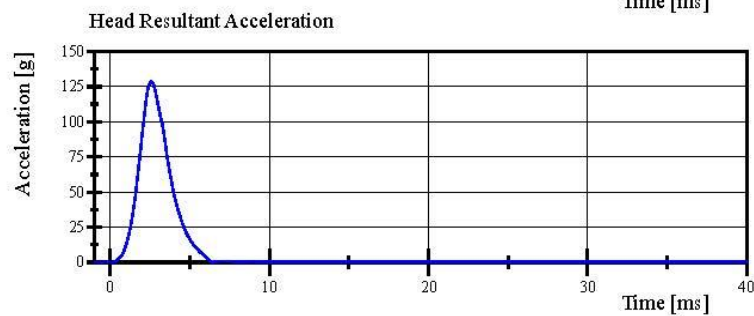
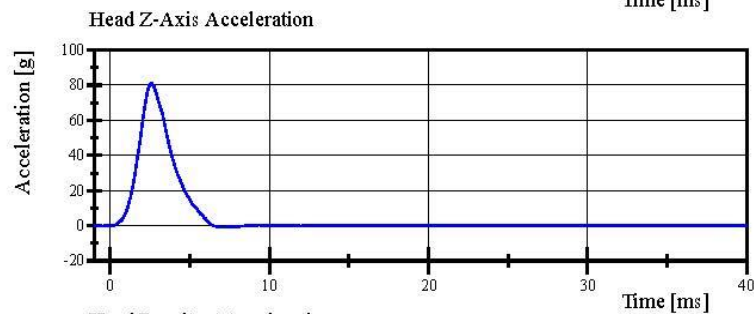
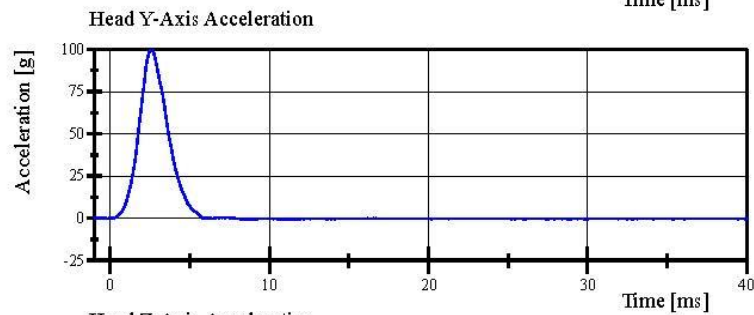
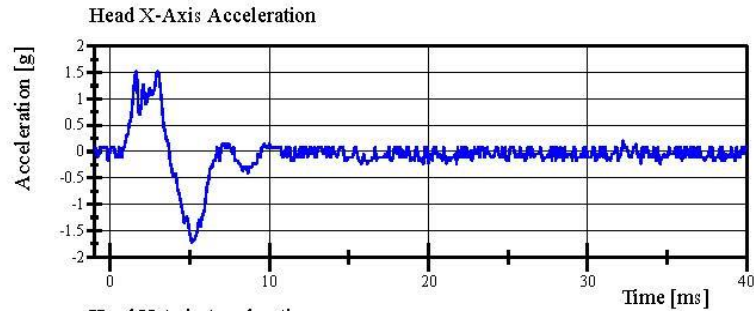


Transportation Research Center Inc.

Left Lateral Head Drop

SID IIa Serial No. 297 Certification No. 73-1

Test Date: 1/30/2025



Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.30.2025 09:52:25 232



Transportation Research Center Inc.

Left Lateral Neck

SID II: Serial No. 297 Certification No. 73-4

Test Date: 1/31/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.3 °C	Yes
Relative Humidity	10 - 70 %	33 %	Yes
Pendulum Velocity	(-5.51) - (-5.63) m/s	-5.606 m/s	Yes
Pendulum Integrated Velocity			
Change at 10 ms	2.20 - 2.80 m/s	2.390 m/s	Yes
Change at 15 ms	3.30 - 4.10 m/s	3.529 m/s	Yes
Change at 20 ms	4.40 - 5.40 m/s	4.734 m/s	Yes
Change at 25 ms	5.40 - 6.10 m/s	5.733 m/s	Yes
Change at 25 to 100 ms	5.50 - 6.20 m/s	5.848 m/s	Yes
Maximum Headform Flexion			
Peak	(-71) - (-81) deg	-78.3 deg	Yes
Time of Peak	50 - 70 ms	67.2 ms	Yes
Total Neck Occipital Condyles Moment	36 - 44 N·m	41.1 N·m	Yes
Decay to 0 N·m	102 - 126 ms	114.6 ms	Yes

Test meets specifications.

Condition: Used

Comments:

Neck S/N: 779

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.31.2025 09:18:38 753

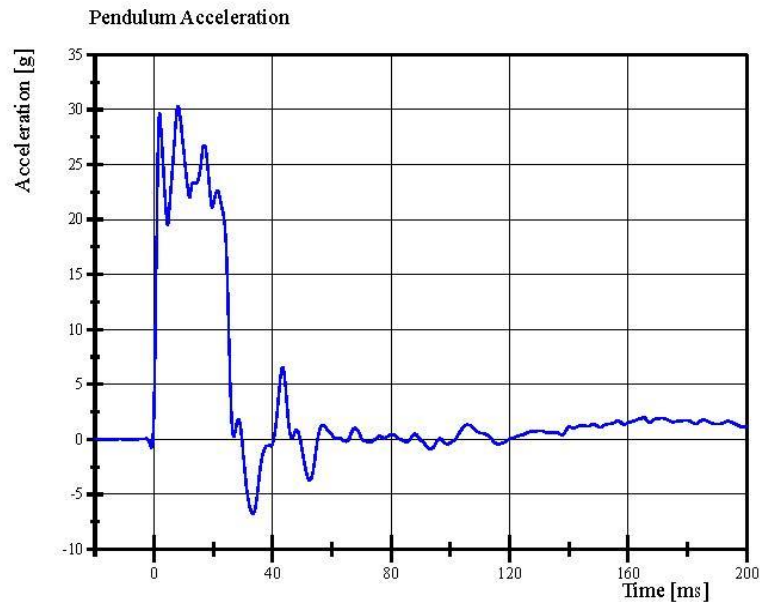


Transportation Research Center Inc.

Left Lateral Neck

SID IIa Serial No. 297 Certification No. 73-4

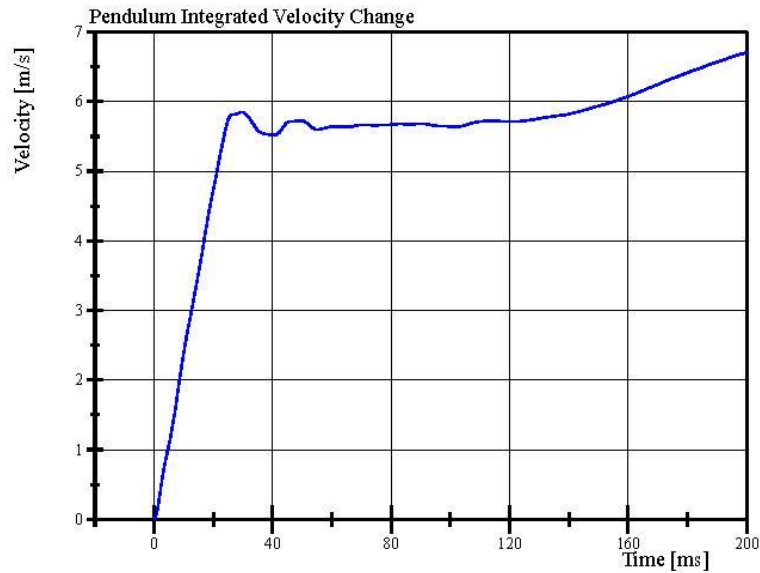
Test Date: 1/31/2025



Filter Class: CFC_180

Max: 30.3 g at 8.2 ms

Min: -6.8 g at 33.4 ms



Filter Class: CFC_180

Max: 6.7 m/s at 200.0 ms

Min: 0.0 m/s at 0.0 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.31.2025 09:19:09 753

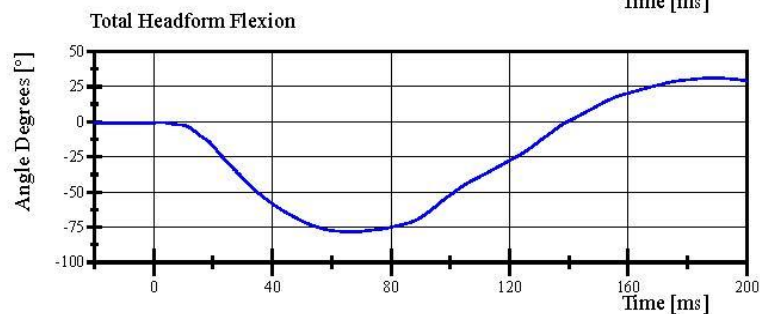
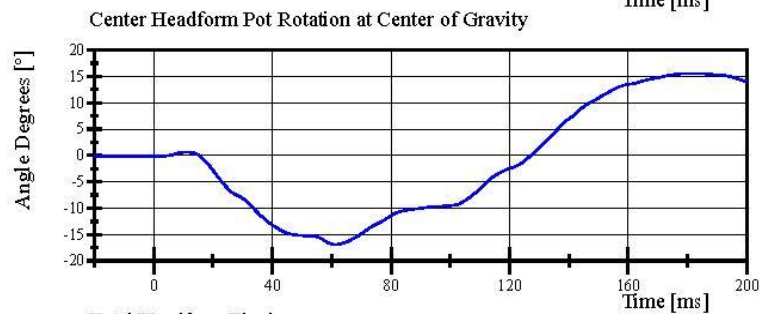
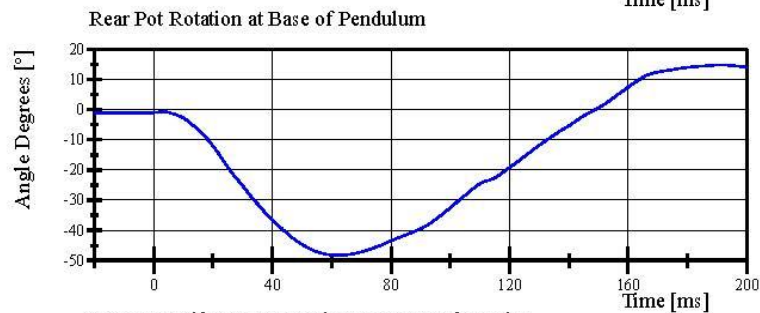
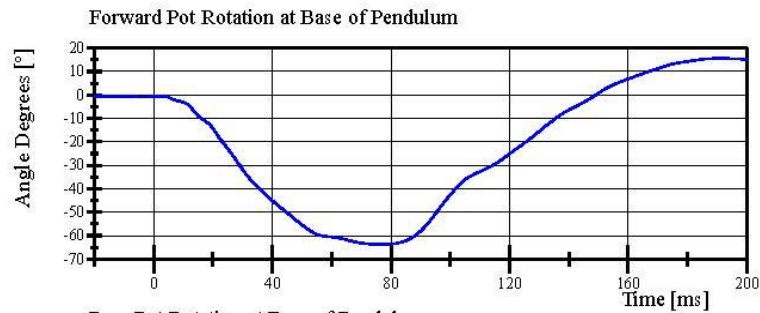


Transportation Research Center Inc.

Left Lateral Neck

SID II_s Serial No. 297 Certification No. 73-4

Test Date: 1/31/2025



Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.31.2025 09:19:10 753

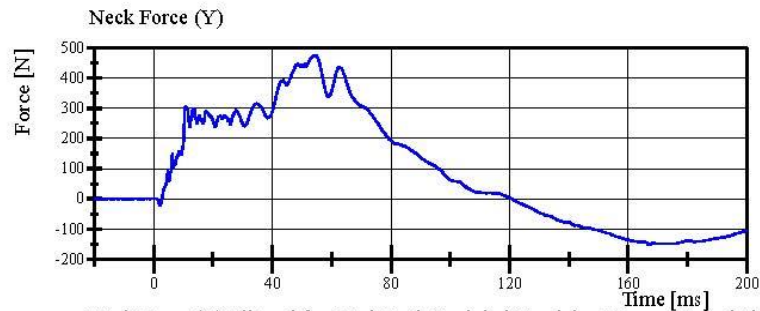


Transportation Research Center Inc.

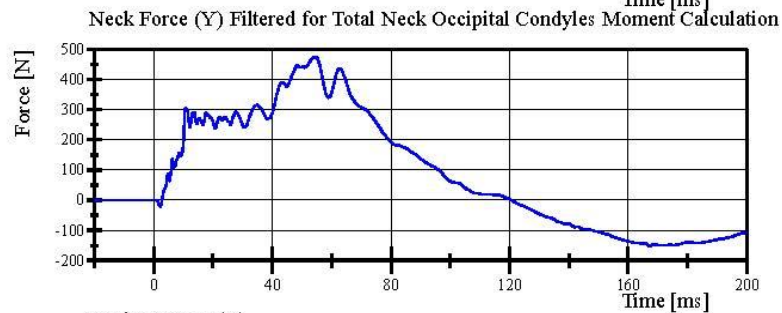
Left Lateral Neck

SID II_s Serial No. 297 Certification No. 73-4

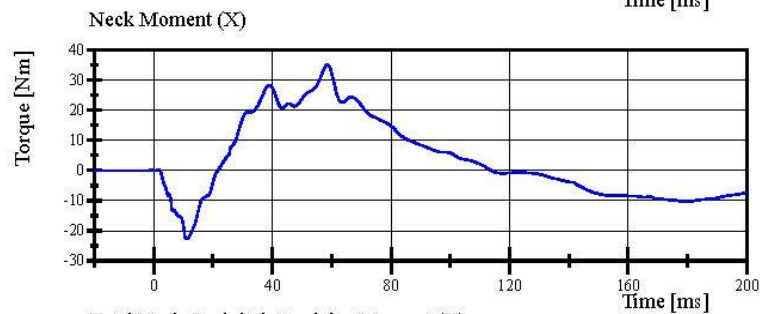
Test Date: 1/31/2025



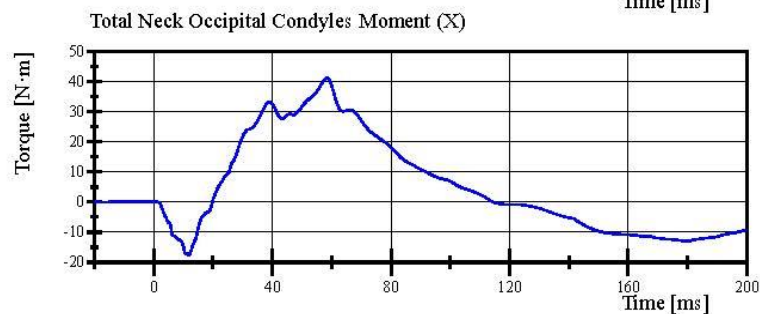
Filter Class: CFC_1000
Max: 475.4 N at 54.5 ms
Min: -152.0 N at 167.4 ms



Filter Class: CFC_600
Max: 475.5 N at 54.6 ms
Min: -151.4 N at 167.4 ms



Filter Class: CFC_600
Max: 35.0 Nm at 58.6 ms
Min: -22.7 Nm at 10.9 ms



Filter Class: Without_(Constan
Max: 41.1 N·m at 58.5 ms
Min: -17.6 N·m at 11.8 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.31.2025 09:19:10 753



Transportation Research Center Inc.

Left Lateral Shoulder

SID II: Serial No. 297 Certification No. 73-1

Test Date: 1/30/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.9 °C	Yes
Relative Humidity	10 - 70 %	23 %	Yes
Impactor Velocity	4.2 - 4.4 m/s	4.33 m/s	Yes
Impactor Acceleration	(-13) - (-18) g	-15.4 g	Yes
Shoulder Displacement	28 - 37 mm	31.5 mm	Yes
Upper Spine Lateral Acceleration	17 - 22 g	18.0 g	Yes

Test meets specifications.

Condition: Used

Comments:

Arm S/N: 940L

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.30.2025 13:10:05 902

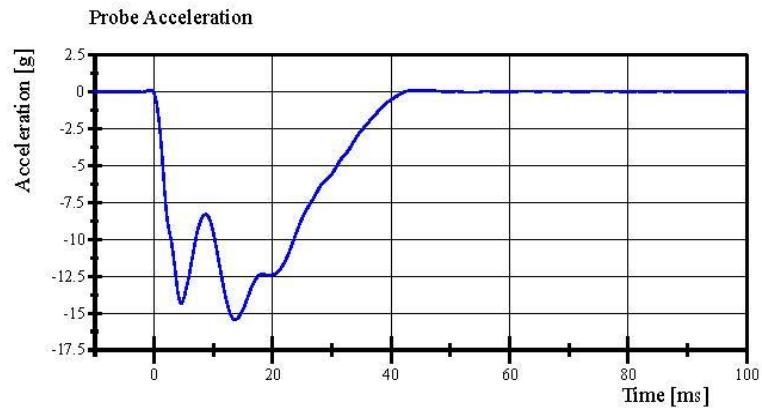


Transportation Research Center Inc.

Left Lateral Shoulder

SID IIa Serial No. 297 Certification No. 73-1

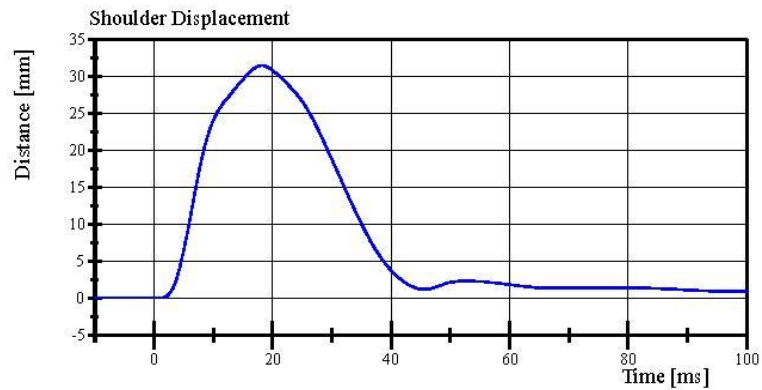
Test Date: 1/30/2025



Filter Class: CFC_180

Max: 0.1 g at -0.6 ms

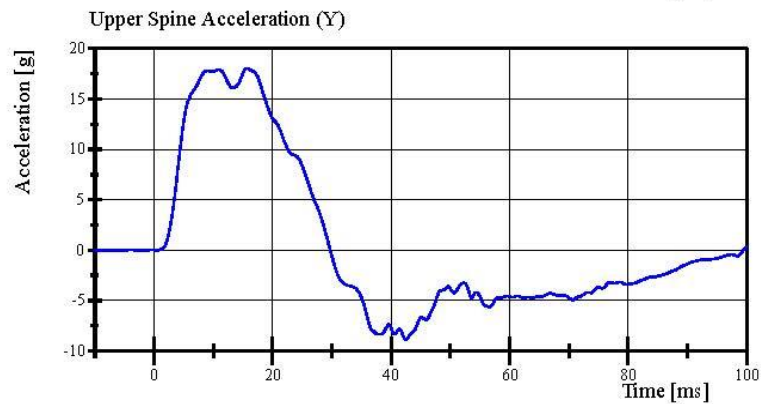
Min: -15.4 g at 13.7 ms



Filter Class: CFC_600

Max: 31.5 mm at 18.2 ms

Min: -0.0 mm at 1.3 ms



Filter Class: CFC_180

Max: 18.0 g at 15.7 ms

Min: -8.9 g at 42.5 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.30.2025 13:10:34 902



Transportation Research Center Inc.

Left Lateral Thorax with Arm

SID II: Serial No. 297 Certification No. 73-1

Test Date: 1/30/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.9 °C	Yes
Relative Humidity	10 - 70 %	23 %	Yes
Impactor Velocity	6.60 - 6.80 m/s	6.715 m/s	Yes
Impactor Acceleration	(-30) - (-36) g	-34.1 g	Yes
Shoulder Displacement	31 - 40 mm	33.8 mm	Yes
Upper Thorax Rib Displacement	25 - 32 mm	26.7 mm	Yes
Center Thorax Rib Displacement	30 - 36 mm	31.6 mm	Yes
Lower Thorax Rib Displacement	32 - 38 mm	35.9 mm	Yes
Upper Spine Lateral Acceleration	34 - 43 g	35.2 g	Yes
Lower Spine Lateral Acceleration	29 - 37 g	34.1 g	Yes

Test meets specifications.

Condition: Used

Comments:

Left Arm S/N: 940L

Shoulder Rib S/N: 550

Upper Thorax Rib S/N: DM5020

Middle Thorax Rib S/N: DM5021

Lower Thorax Rib S/N: DM5022

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.30.2025 14:01:22 653

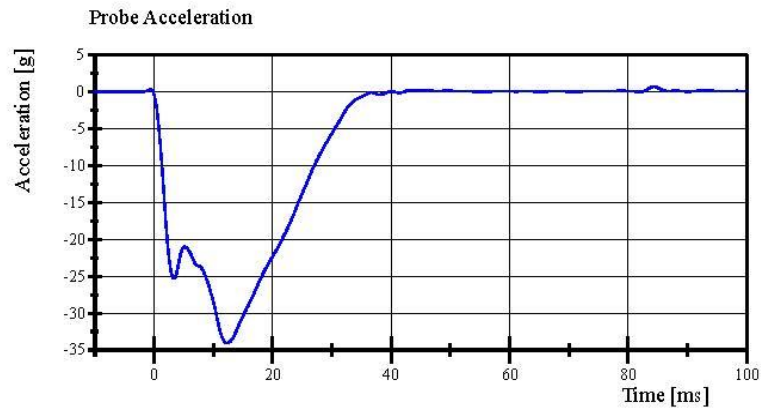


Transportation Research Center Inc.

Left Lateral Thorax with Arm

SID II_s Serial No. 297 Certification No. 73-1

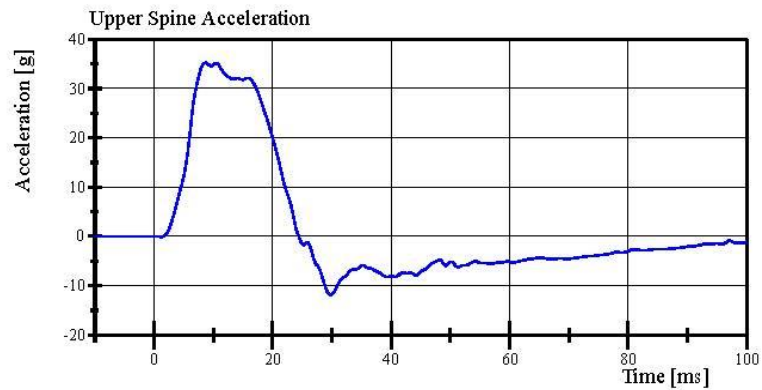
Test Date: 1/30/2025



Filter Class: CFC_180

Max: 0.7 g at 84.3 ms

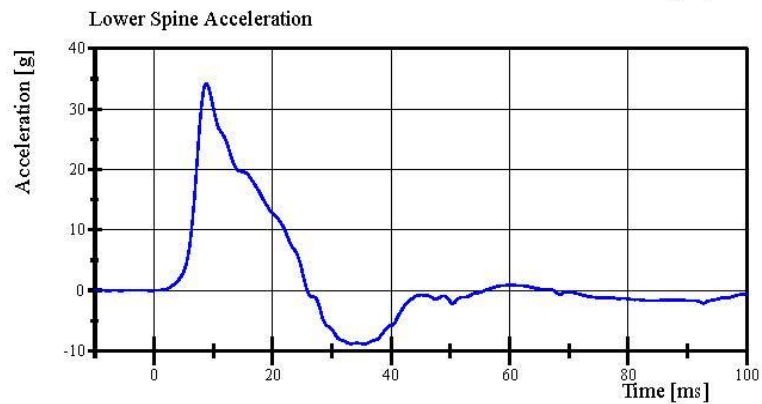
Min: -34.1 g at 12.3 ms



Filter Class: CFC_180

Max: 35.2 g at 8.7 ms

Min: -11.8 g at 29.8 ms



Filter Class: CFC_180

Max: 34.1 g at 8.8 ms

Min: -8.9 g at 35.4 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.30.2025 14:01:57 653

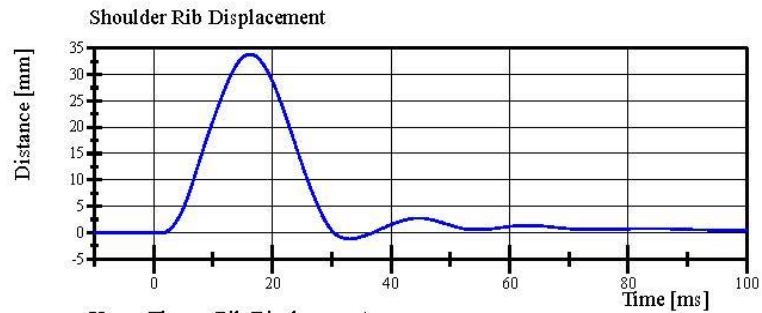


Transportation Research Center Inc.

Left Lateral Thorax with Arm

SID II_s Serial No. 297 Certification No. 73-1

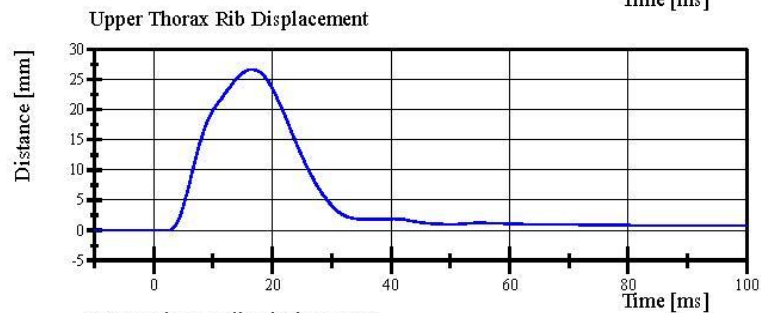
Test Date: 1/30/2025



Filter Class: CFC_600

Max: 33.8 mm at 16.2 ms

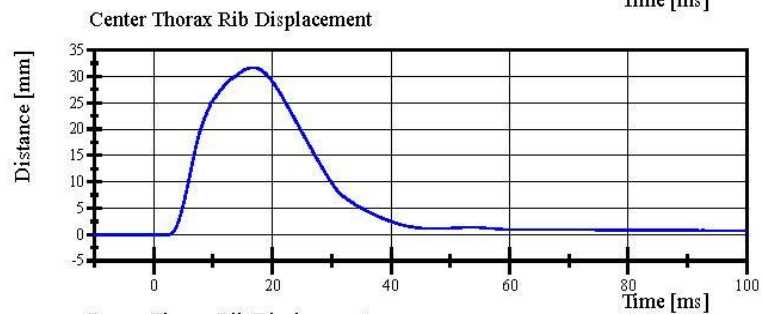
Min: -1.2 mm at 33.0 ms



Filter Class: CFC_600

Max: 26.7 mm at 16.4 ms

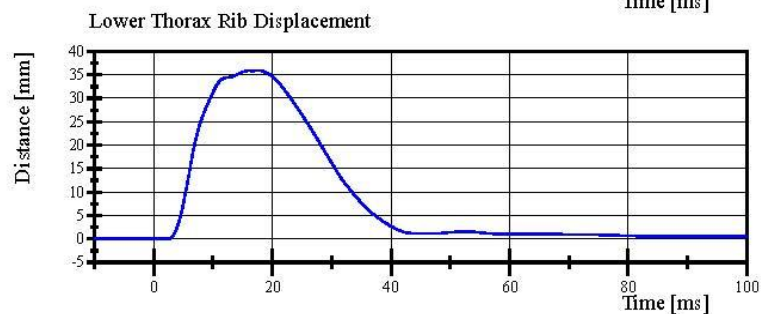
Min: -0.0 mm at 2.4 ms



Filter Class: CFC_600

Max: 31.6 mm at 17.0 ms

Min: -0.0 mm at 2.5 ms



Filter Class: CFC_600

Max: 35.9 mm at 17.8 ms

Min: -0.0 mm at 2.4 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.30.2025 14:01:57 653



Transportation Research Center Inc.

Left Lateral Thorax without Arm

SID IIa Serial No. 297 Certification No. 73-1

Test Date: 1/30/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.8 °C	Yes
Relative Humidity	10 - 70 %	23 %	Yes
Impactor Velocity	4.20 - 4.40 m/s	4.362 m/s	Yes
Impactor Acceleration	(-14) - (-18) g	-16.1 g	Yes
Upper Thorax Rib Displacement	32 - 40 mm	34.0 mm	Yes
Center Thorax Rib Displacement	39 - 45 mm	41.2 mm	Yes
Lower Thorax Rib Displacement	35 - 43 mm	41.1 mm	Yes
Upper Spine Lateral Acceleration	13 - 17 g	14.0 g	Yes
Lower Spine Lateral Acceleration	7 - 11 g	10.3 g	Yes

Test meets specifications.

Condition: Used

Comments:

Upper Thorax Rib S/N: 180-3362 DP6492

Middle Thorax Rib S/N: 180-3362 DP6493

Lower Thorax Rib S/N: 180-3362 DP7664

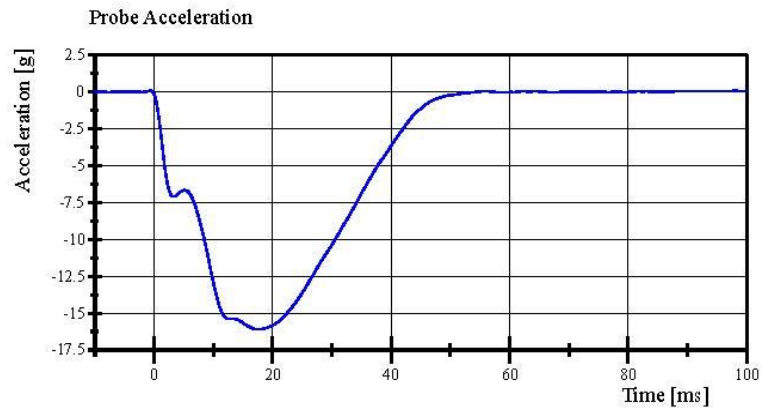
Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.30.2025 13:31:29 852

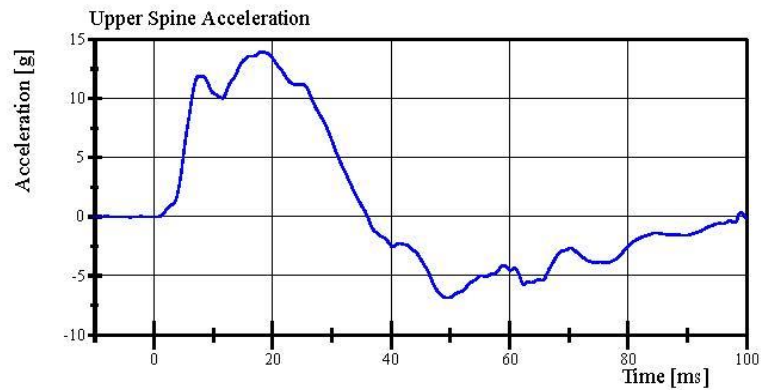


Transportation Research Center Inc.

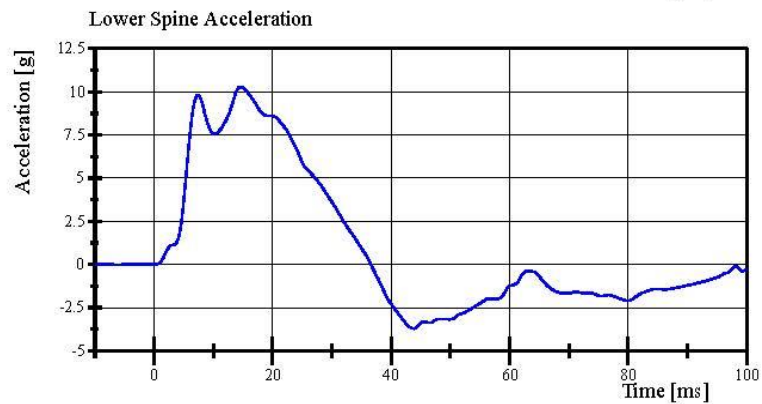
Left Lateral Thorax without Arm
SID IIa Serial No. 297 Certification No. 73-1
Test Date: 1/30/2025



Filter Class: CFC_180
Max: 0.1 g at -0.6 ms
Min: -16.1 g at 17.6 ms



Filter Class: CFC_180
Max: 14.0 g at 18.2 ms
Min: -6.9 g at 49.6 ms



Filter Class: CFC_180
Max: 10.3 g at 14.6 ms
Min: -3.7 g at 43.9 ms

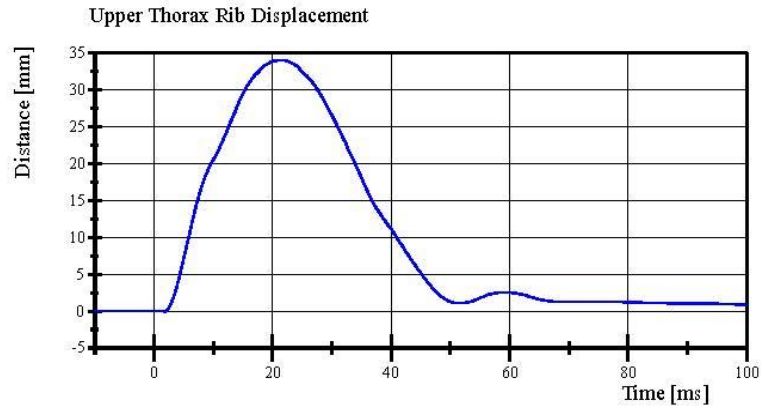
Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.30.2025 13:31:59 852

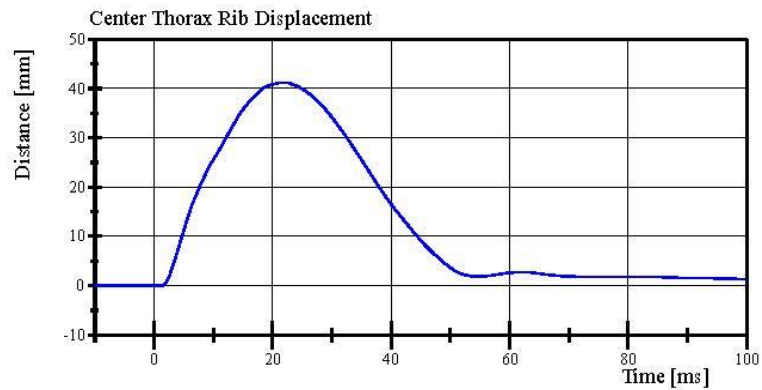


Transportation Research Center Inc.

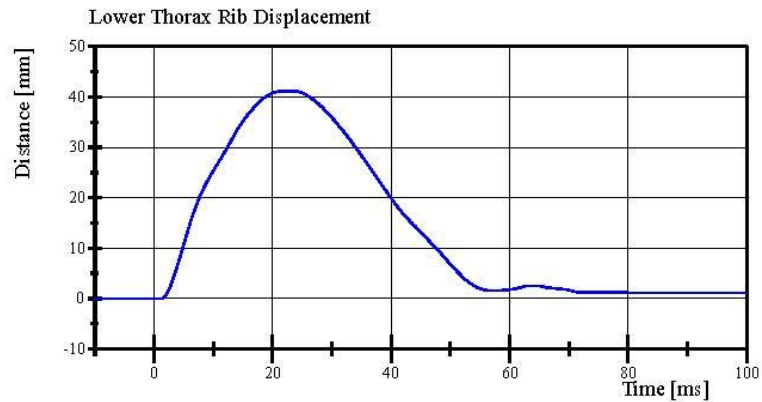
Left Lateral Thorax without Arm
SID IIa Serial No. 297 Certification No. 73-1
Test Date: 1/30/2025



Filter Class: CFC_600
Max: 34.0 mm at 21.4 ms
Min: -0.0 mm at 1.8 ms



Filter Class: CFC_600
Max: 41.2 mm at 21.7 ms
Min: -0.0 mm at 1.3 ms



Filter Class: CFC_600
Max: 41.1 mm at 22.3 ms
Min: -0.0 mm at 1.3 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.30.2025 13:32:00 852



Transportation Research Center Inc.

Left Lateral Abdomen

SID II: Serial No. 297 Certification No. 73-1

Test Date: 1/30/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.1 °C	Yes
Relative Humidity	10 - 70 %	22 %	Yes
Impactor Velocity	4.2 - 4.4 m/s	4.39 m/s	Yes
Impactor Acceleration	(-12) - (-16) g	-15.5 g	Yes
Upper Abdominal Rib Displacement	36 - 47 mm	37.5 mm	Yes
Lower Abdominal Rib Displacement	33 - 44 mm	37.6 mm	Yes
Lower Spine Lateral Acceleration	9 - 14.0 g	12.80 g	Yes

Test meets specifications.

Condition: Used

Comments:

Upper Abdominal Rib S/N: AB8010

Lower Abdominal Rib S/N: DM7275

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.30.2025 13:20:48 667

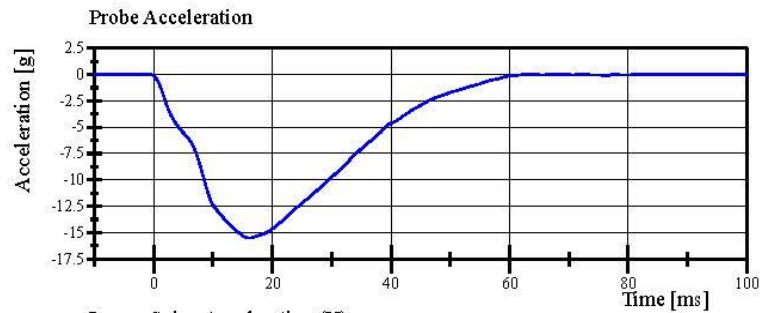


Transportation Research Center Inc.

Left Lateral Abdomen

SID II_s Serial No. 297 Certification No. 73-1

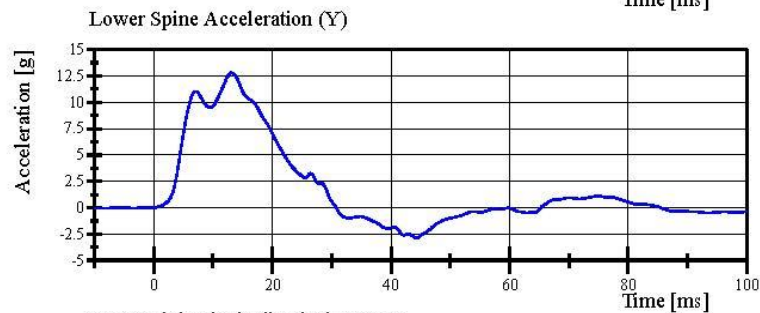
Test Date: 1/30/2025



Filter Class: CFC_180

Max: 0.0 g at 86.8 ms

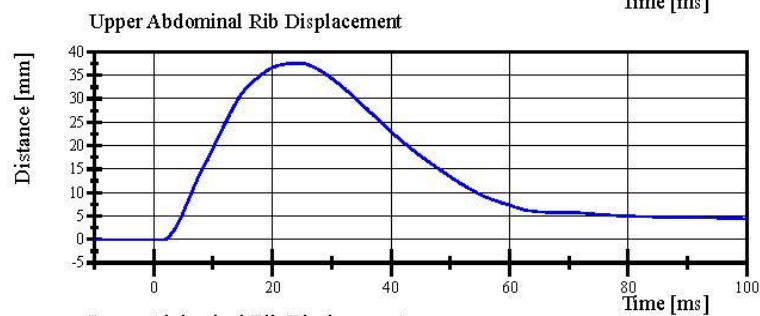
Min: -15.5 g at 16.1 ms



Filter Class: CFC_180

Max: 12.8 g at 13.1 ms

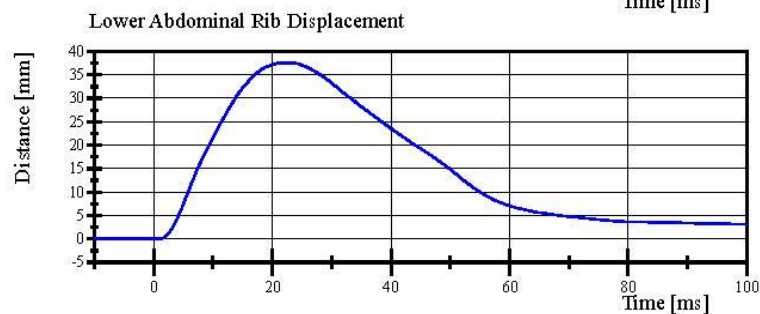
Min: -2.9 g at 44.2 ms



Filter Class: CFC_600

Max: 37.5 mm at 23.4 ms

Min: -0.0 mm at 1.8 ms



Filter Class: CFC_600

Max: 37.6 mm at 22.1 ms

Min: -0.0 mm at -10.0 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.30.2025 13:21:43 667



Transportation Research Center Inc.

Left Lateral Pelvis

SID II: Serial No. 297 Certification No. 73-1

Test Date: 1/30/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.1 °C	Yes
Relative Humidity	10 - 70 %	23 %	Yes
Pendulum Velocity	6.6 - 6.8 m/s	6.62 m/s	Yes
Impactor Acceleration	(-38.0) - (-47.0) g	-43.67 g	Yes
Peak Pelvis Lateral Acceleration after 6ms	34 - 42 g	38.3 g	Yes
Acetabulum Force	3,600 - 4,300 N	3,783.0 N	Yes

Test meets specifications.

Condition: Used

Comments:

Pelvis Skin S/N: 1171

Pelvis Plug Info:

Manufacturer: Saco

S/N: 14501

Cal Date: 20201218

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.30.2025 12:59:06 478

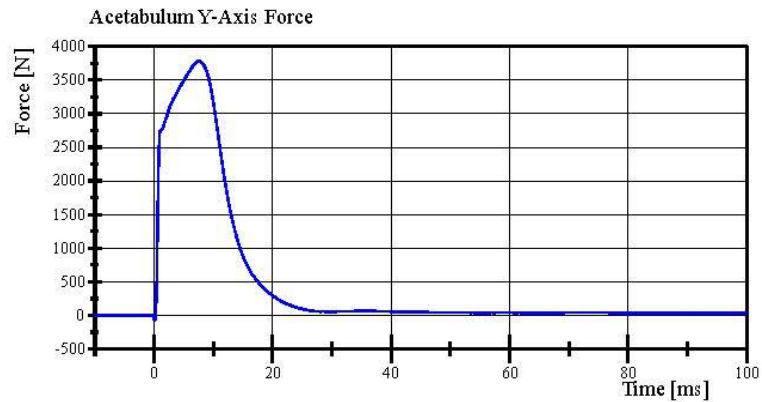
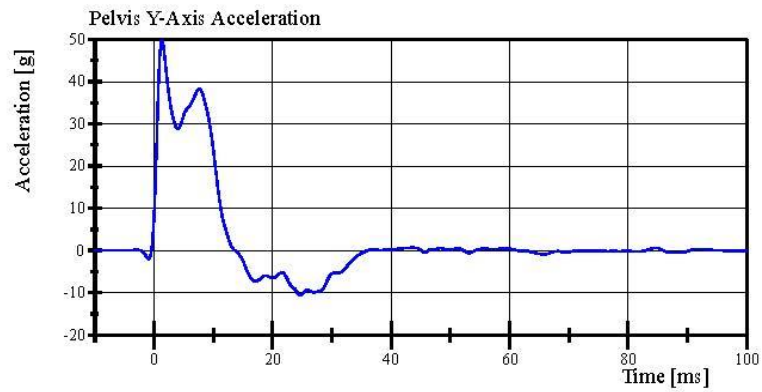
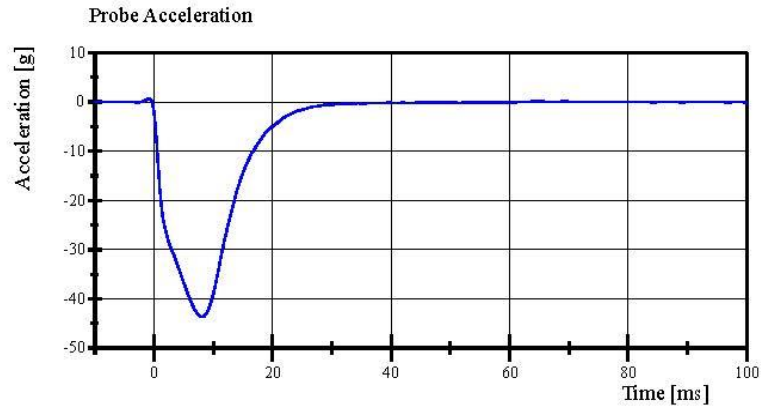


Transportation Research Center Inc.

Left Lateral Pelvis

SID II_s Serial No. 297 Certification No. 73-1

Test Date: 1/30/2025



Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.30.2025 13:00:09 478



Transportation Research Center Inc.

Left Lateral Iliac

SID IIs Serial No. 297 Certification No. 73-1

Test Date: 1/30/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.3 °C	Yes
Relative Humidity	10 - 70 %	23 %	Yes
Pendulum Velocity	4.2 - 4.4 m/s	4.26 m/s	Yes
Impactor Acceleration	(-36) - (-45) g	-42.9 g	Yes
Peak Pelvis Lateral Acceleration	28 - 39 g	37.0 g	Yes
Iliac Force	4,100 - 5,100 N	5,033.4 N	Yes

Test meets specifications.

Condition: Used

Comments:

Pelvis Skin S/N: 1171

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.30.2025 15:01:35 718

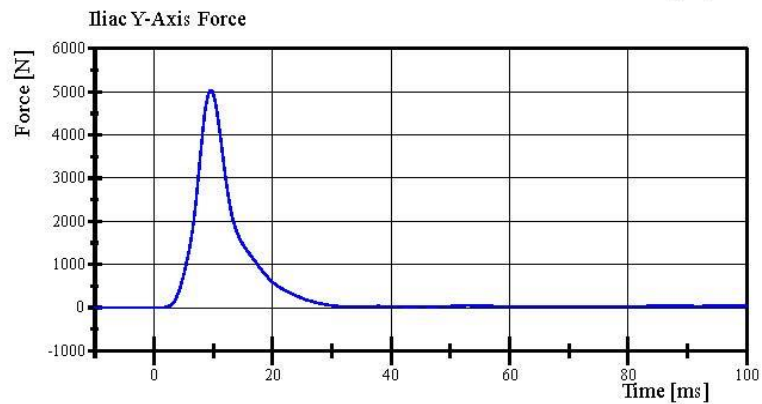
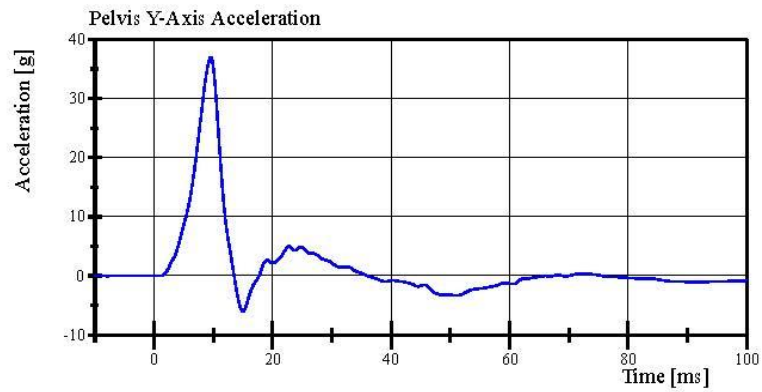
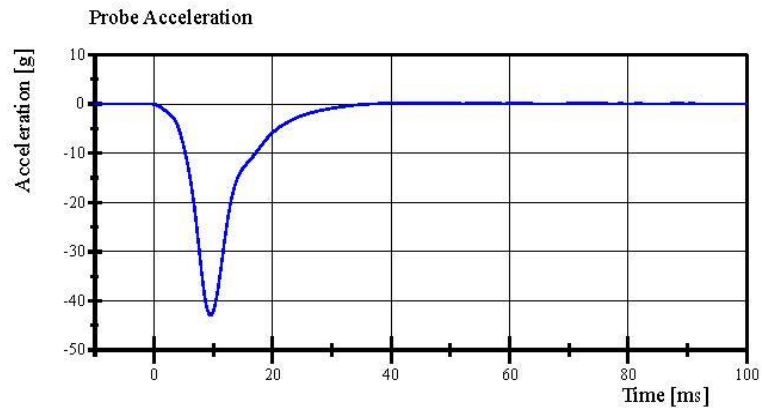


Transportation Research Center Inc.

Left Lateral Iliac

SID II_s Serial No. 297 Certification No. 73-1

Test Date: 1/30/2025



Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

01.30.2025 15:02:48 718



APPENDIX D
TEST EQUIPMENT AND INSTRUMENTATION CALIBRATION DATA

TABLE 1 – Dummy Instrumentation (SID-IIs)

				SID-IIs S/N 297			
				Serial Number	Manufacturer	Calibration Date	
Head Accelerometers				X	T17622	Endevco	17-Jan-2025
				Y	T24507	Endevco	17-Jan-2025
				Z	T17636	Endevco	17-Jan-2025
Displacement Potentiometers	Shoulder		Y	N/A	N/A	N/A	
	Thoracic Rib	Upper	Y	023	Servo	26-Apr-2024	
		Middle	Y	063	Servo	26-Apr-2024	
		Lower	Y	043	Servo	26-Apr-2024	
	Abdominal Rib	Upper	Y	051	Servo	26-Apr-2024	
		Lower	Y	081	Servo	25-Jan-2025	
Lower Spine Accelerometers (T12)				X	T20232	Endevco	16-Jan-2025
				Y	T11866	Endevco	21-Jan-2025
				Z	T17633	Endevco	16-Jan-2025
Acetabulum Load Cell				Y	235-FY	FTSS	26-Apr-2024
Iliac Wing Load Cell				Y	320-FY	Denton	26-Apr-2024
Pelvis Plug (struck side)					14515	Saco	18-Dec-2020
Pelvis Plug (non-struck side)					14517	Saco	18-Dec-2020

TABLE 2 – Vehicle Instrumentation

Vehicle Instrumentation		Serial Number	Manufacturer	Calibration Date
Vehicle Center of Gravity	X	A385745	Measurement Specialties	14-Oct-2024
Vehicle Center of Gravity	Y	A386347	Measurement Specialties	11-Dec-2024
Vehicle Center of Gravity	Z	A385714	Measurement Specialties	26-Nov-2024
Left Floor Sill	Y	A385751	Measurement Specialties	10-Dec-2024
A-Pillar Sill	Y	A377499	Measurement Specialties	21-Nov-2024
A-Pillar Low	Y	A377514	Measurement Specialties	10-Dec-2024
A-Pillar Mid	Y	A378304	Measurement Specialties	10-Dec-2024
B-Pillar Sill	Y	A385705	Measurement Specialties	10-Dec-2024
B-Pillar Low	Y	A300416	Measurement Specialties	5-Sep-2024
B-Pillar Mid	Y	A400085	Measurement Specialties	10-Dec-2024
Driver Seat	Y	A386338	Measurement Specialties	11-Dec-2024
Engine Top	X	A386340	Measurement Specialties	10-Dec-2024
Engine Top	Y	A349794	Measurement Specialties	21-Nov-2024
Firewall	Y	A386362	Measurement Specialties	11-Dec-2024
Right Roof	Y	A385702	Measurement Specialties	10-Dec-2024
Right Floor Sill	Y	A400070	Measurement Specialties	10-Dec-2024
Rear Floor Pan	X	A377416	Measurement Specialties	11-Dec-2024
Rear Floor Pan	Y	A378302	Measurement Specialties	21-Nov-2024

TABLE 3 – Pole Instrumentation

Pole Instrumentation	Serial Number	Manufacturer	Calibration Date
Load Cell 1	DK7091S	Humanetics	13-Jan-2025
Load Cell 2	DK7120S	Humanetics	13-Jan-2025
Load Cell 3	DK7118S	Humanetics	13-Jan-2025
Load Cell 4	DK7124S	Humanetics	13-Jan-2025
Load Cell 5	DK7111S	Humanetics	13-Jan-2025
Load Cell 6	DK7126S	Humanetics	13-Jan-2025
Load Cell 7	DK7112S	Humanetics	13-Jan-2025
Load Cell 8	DK7074S	Humanetics	13-Jan-2025