

REPORT NUMBER 225-GTL-04-001

**SAFETY COMPLIANCE TESTING FOR
FMVSS NO. 225
CHILD RESTRAINT ANCHORAGE SYSTEMS
LOWER AND TETHER ANCHORAGES**

**FORD MOTOR CO.
2004 FORD FREESTAR, MPV
NHTSA NO. C40203**

**GENERAL TESTING LABORATORIES, INC.
1623 LEEDSTOWN ROAD
COLONIAL BEACH, VIRGINIA 22443**



JULY 23, 2004

FINAL REPORT

PREPARED FOR

**U. S. DEPARTMENT OF TRANSPORTATION
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
SAFETY ENFORCEMENT
OFFICE OF VEHICLE SAFETY COMPLIANCE
400 SEVENTH STREET, SW
ROOM 8111 (NVS-220)
WASHINGTON, D.C. 20590**

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7/23/04

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Edward F. [Signature]

Acceptance Date:

8/4/04

entered on base
7/2004 gpk

1. Report No. 225-GTL-04-001	2. Government Accession No. N/A	3. Recipient's Catalog No. N/A		
4. Title and Subtitle Final Report of FMVSS 225 Compliance Testing of 2004 FORD FREESTAR, MPV NHTSA No. C40203	5. Report Date July 23, 2004			
	6. Performing Organ. Code GTL			
7. Author(s) Grant Farrand, Project Engineer Debbie Messick, Project Manager		8. Performing Organ. Rep# GTL-DOT-04-225-001		
9. Performing Organization Name and Address General Testing Laboratories, Inc. 1623 Leedstown Road Colonial Beach, Va 22443	10. Work Unit No. (TRAIS) N/A			
	11. Contract or Grant No. DTNH22-02-D-01043			
12. Sponsoring Agency Name and Address U.S. Department of Transportation National Highway Traffic Safety Admin. Safety Enforcement Office of Vehicle Safety Compliance (NVS-220) 400 7 th Street, S.W., Room 8111 Washington, DC 20590	13. Type of Report and Period Covered Final Test Report June 14-16, 2004			
	14. Sponsoring Agency Code NVS-221			
15. Supplementary Notes				
16. Abstract Compliance tests were conducted on the subject, 2004 Ford Freestar MPV in accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure No. TP-225T and TP-225L for the determination of FMVSS 225 compliance. Test failures identified were as follows: NONE				
17. Key Words Compliance Testing Safety Engineering FMVSS 225		18. Distribution Statement Copies of this report are available from NHTSA Technical Reference Div., Rm. 5108 (NPO-230) 400 7 th St., S.W. Washington, DC 20590 Telephone No. (202) 366-4946		
19. Security Classif. (of this report) UNCLASSIFIED	21. No. of Pages 100	22. Price		
20. Security Classif. (of this page) UNCLASSIFIED				

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SECTION 1

PURPOSE OF COMPLIANCE TEST

1.0 PURPOSE OF COMPLIANCE TEST

A 2004 Ford Freestar MPV was subjected to Federal Motor Vehicle Safety Standard (FMVSS) No. 225 testing to determine if the vehicle was in compliance with the requirements of the standard. The purpose of this standard is to establish requirements for child restraint anchorage systems to ensure their proper location and strength for the effective securing of child restraints, to reduce the likelihood of the anchorage systems' failure and to increase the likelihood that child restraints are properly secured and thus more fully achieve their potential effectiveness in motor vehicles.

1.1 The test vehicle was a 2004 Ford Freestar MPV. Nomenclature applicable to the test vehicle are:

A. Vehicle Identification Number: 2FMZA50624BA08509

B. NHTSA No.: C40203

C. Manufacturer: FORD MOTOR CO.

D. Manufacture Date: 09/03

1.2 TEST DATE

The test vehicle was subjected to FMVSS No. 225 testing during the time period June 14-16, 2004.

SECTION 2

COMPLIANCE TEST RESULTS SUMMARY

2.0 TEST RESULTS

All tests were conducted in accordance with NHTSA, Office of Vehicle Safety Compliance (OVSC) Laboratory Procedures, TP-225T dated 3 May 2001 and TP-225L dated 11, June, 2001.

Based on the test performed, the 2004 Ford Freestar MPV appeared to meet the requirements of FMVSS 225 testing. Strength and displacement summary data are provided below.

Table 1. Summary Data for Strength and Displacement

GTL Test #	Fixture Type	Seating Position	Max. Load (N)	Displacement (mm)
5220	SFAD I Tether Strap	Front Row Right	9945	110.7
5221	Lower Anchorage	2 nd Row Right	7930	58.5
5222	Lower Anchorage	2 nd Row Left	4977	34.3
5223	SFAD II Tether Strap	3 rd Row Center	9964	86.2

Table 2. General Test and Vehicle Parameter Data

VEH. MOD YR/MAKE/MODEL BODY	2004 Ford Freestar
VEH. NHTSA NO.	C40203
VIN	2FMZA50624BA08509
VEH. BUILD DATE	09/03
TEST DATE	06/14/04-06/18/04
TEST LABORATORY	GTL
OBSERVERS	Grant Farrand, Jimmy Latane, Ed Chan

GENERAL INFORMATION:

Date Received: 03/26/04 Odometer Reading: 1089

DATA FROM VEHICLE'S CERTIFICATION LABEL:

Vehicle Manufactured by: Ford Motor Co.

Date of Manufacture: 09/03 VIN: 2FMZA50624BA08509

GVWR: 2567 kg GAWR FRONT: 1322 kg
GAWR REAR: 1251 kg

SECTION 3
COMPLIANCE TEST DATA

3.0 TEST RESULTS

The following data sheets document the results of testing on the 2004 Ford Freestar MPV.

DATA SHEET 1
CHILD RESTRAINT TETHER ANCHORAGE CONFIGURATION

VEH. MOD YR/MAKE/MODEL/BODY: 2004 FORD FREESTAR MPV

VEH. NHTSA NO: C40203; VIN: 2FMZA50624BA08509

VEH. BUILD DATE: 08/03; TEST DATE: JUNE 14, 2004

TEST LABORATORY: GENERAL TESTING LABORATORIES

OBSERVERS: GRANT FARRAND, JIMMY LATANE, ED CHAN

Number of DSP's In Test Vehicle As Stated on Tire Label using Figures for Maximum Vehicle Loading:

Front Seat= 2
 Rear Seat= 2
 Third Seat= 3
 Total= 7

SEATING POSITION		OBSERVED CONFIGURATION			
		Permit the attachment of a tether hook	Accessible without the need for any tool other than a screwdriver or coin	Ready for use without the need for any tools	Sealed to prevent the entry of exhaust fumes
Front	Left	N/A	N/A	N/A	N/A
	Center	N/A	N/A	N/A	N/A
	Right	YES	YES	YES	YES
Second	Left	YES	YES	YES	YES
	Center	NO	N/A	N/A	N/A
	Right	YES	YES	YES	YES
Third	Left	NO	N/A	N/A	N/A
	Center	YES	YES	YES	YES
	Right	NO	N/A	N/A	N/A

REMARKS:

RECORDED BY: Grant Farrand

DATE: 08/14/04

APPROVED BY: D. Messich

DATA SHEET 2
CHILD RESTRAINT LOWER ANCHORAGES CONFIGURATION

VEH. MOD YR/MAKE/MODEL/BODY: 2004 FORD FREESTAR MPV

VEH. NHTSA NO: C40203; VIN: 2FMZA50624BA08509

VEH. BUILD DATE: 09/03; TEST DATE: JUNE 14, 2004

TEST LABORATORY: GENERAL TESTING LABORATORIES

OBSERVERS: GRANT FARRAND, JIMMY LATANE, ED CHAN

OBSERVED LOWER ANCHORAGE CONFIGURATION	SEAT POSITION					
		FRONT	REAR		THIRD	
			LEFT	RIGHT	LEFT	RIGHT
Above anchorage permanently marked with a circle not less than 13 mm in Dia.; and whose color contrasts with its background; and its center is not less than 50 mm and not more than 75 mm above the bar, and in the vertical longitudinal plane that passes through the center of the bar.	Left	N/A	NO	NO	N/A	
	Center	N/A	N/A		NO	NO
	Right	N/A	NO	NO	N/A	
Each of the bars is visible, without the compression of the seat cushion or seat back, when the bar is viewed, in a vertical longitudinal plane passing through the center of the bar, along a line marking an upward 30 degree angle with a horizontal plane.	Left	N/A	YES	YES	N/A	
	Center	N/A	N/A		YES	YES
	Right	N/A	YES	YES	N/A	
Diameter of the bar (mm)	Left	N/A	6.07	6.07	N/A	
	Center	N/A	N/A		6.07	6.07
	Right	N/A	6.07	6.07	N/A	
Inspect if the bars are straight, horizontal and transverse	Left	N/A	YES	YES	N/A	
	Center	N/A	N/A		YES	YES
	Right	N/A	YES	YES	N/A	

DATA SHEET 2 CONTINUED
CHILD RESTRAINT LOWER ANCHORAGES CONFIGURATION

VEH. MOD YR/MAKE/MODEL/BODY: 2004 FORD FREESTAR MPV

VEH. NHTSA NO: C40203; VIN: 2FMZA50624BA08509

VEH. BUILD DATE: 08/03; TEST DATE: JUNE 14, 2004

TEST LABORATORY: GENERAL TESTING LABORATORIES

OBSERVERS: GRANT FARRAND, JIMMY LATANE, ED CHAN

OBSERVED LOWER ANCHORAGE CONFIGURATION	SEAT POSITION			
		FRONT	REAR	THIRD
Inspect if the centroidal longitudinal axes are collinear within 5 degrees.	Left	N/A*	YES	N/A
	Center	N/A	N/A	YES
	Right	N/A	YES	N/A
Inspect the inside surface of the bar that is straight and horizontal section of the bars, and determine they are not less than 25 mm, but not more than 40 mm in length.	Left	N/A*	YES 32 MM	N/A
	Center	N/A	N/A	YES 32 MM
	Right	N/A	YES 32 MM	N/A
Inspect if the bars can be connected to, over their entire inside length by the connectors of child restraint system.	Left	N/A*	YES	N/A
	Center	N/A	N/A	YES
	Right	N/A	YES	N/A
Measure the distance between the center of the length of one bar to the center of the length of the other bar. The requirement is 280 mm $\pm$ 1 mm.	Left	N/A*	280	N/A
	Center	N/A	N/A	280.5
	Right	N/A	280.5	N/A
Inspect if the bars are an integral and permanent part of the vehicle.	Left	N/A*	YES	N/A
	Center	N/A	N/A	YES
	Right	N/A	YES	N/A
Inspect if the bars are rigidly attached to the vehicle. If feasible, hold the bar firmly with two fingers and gently pull.	Left	N/A*	YES	N/A
	Center	N/A	N/A	YES
	Right	N/A	YES	N/A

* DRIVER'S SEAT

RECORDED BY: Grant Farrand

APPROVED BY: D. M. M. M. M.

DATE: 08/14/04

DATA SHEET 2 CONTINUED
CHILD RESTRAINT LOWER ANCHORAGES CONFIGURATION

VEH. MOD YR/MAKE/MODEL/BODY: 2004 FORD FREESTAR MPV

VEH. NHTSA NO: C40203; VIN: 2FMZA50624BA08509

VEH. BUILD DATE: 09/03; TEST DATE: JUNE 14, 2004

TEST LABORATORY: GENERAL TESTING LABORATORIES

OBSERVERS: GRANT FARRAND, JIMMY LATANE, ED CHAN

OBSERVED LOWER ANCHORAGE CONFIGURATION	SEAT POSITION			
		FRONT	REAR	THIRD
Optional Marking: At least one anchorage bar (when deployed for use, if storable anchorages), one guidance fixture, or one seat marking is visible	Left	N/A*	NO	N/A
	Center	N/A	N/A	NO
	Right	N/A	NO	N/A
Optional Marking: If guidance fixtures are used, the fixture(s) must be installed.	Left	N/A*	NO	N/A
	Center	N/A	N/A	NO
	Right	N/A	NO	N/A

*** DRIVER'S SEAT**

RECORDED BY: *H. Farrand*

DATE: 06/14/04

APPROVED BY: *D. Murrice*

DATA SHEET 3
LOCATION AND DIMENSIONAL MEASUREMENTS

VEH. MOD YR/MAKE/MODEL/BODY: 2004 FORD FREESTAR MPV

VEH. NHTSA NO: C40203 VIN: 2FMZA50624BA08509

VEH. BUILD DATE: 09/03 TEST DATE: JUNE 14, 2004

TEST LABORATORY: GENERAL TESTING LABORATORIES

OBSERVERS: GRANT FARRAND, JIMMY LATANE, ED CHAN

Number of DSP's In Test Vehicle As Stated on Tire Label using Figures for Maximum Vehicle Loading:

Front Seat=	<u>2</u>
Rear Seat=	<u>2</u>
Third Seat=	<u>3</u>
Total=	<u>7</u>

SEAT POSITION FOR TETHER		LOCATION OF DSPs	TETHER ANCHORAGE LOCATION	
		TETHER OBSERVED	REQUIRED	MEASURED Is it in the required zone?
FRONT	Left	N/A	N/A	N/A
	Center	N/A	N/A	N/A
	Right	YES	NO	YES
SECOND	Left	YES	YES	YES
	Center	NO	NO	N/A
	Right	YES	YES	YES
THIRD	Left	NO	NO	N/A
	Center	YES	YES	YES
	Right	NO	NO	N/A

RECORDED BY: [Signature]

DATE: 06/14/04

APPROVED BY: [Signature]

DATA SHEET 3 CONTINUED
LOCATION AND DIMENSIONAL MEASUREMENTS

VEH. MOD YR/MAKE/MODEL/BODY: 2004 FORD FREESTAR MPV

VEH. NHTSA NO: C40203; VIN: 2FMZA50624BA08500

VEH. BUILD DATE: 09/03; TEST DATE: JUNE 14, 2004

TEST LABORATORY: GENERAL TESTING LABORATORIES

OBSERVERS: GRANT FARRAND, JIMMY LATANE, ED CHAN

Number of DSP's in Test Vehicle As Stated on Tire Label using Figures for Maximum Vehicle Loading: Front Seat= 2 Rear Seat 2 Third Seat= 3 Total= 7

SEAT POSITION FOR LOWER ANCHORAGE		PRESENCE OF ANCHORAGES				COMMENTS		
		REQUIRED		OBSERVED				
FRONT		NONE		NONE		N/A		
REAR		2		2		LEFT & RIGHT		
THIRD		NONE		1		CENTER		

SEAT POSITIONS FOR LOWER ANCHORAGES		LOCATION OF ANCHORAGE				COMMENTS PITCH ROLL YAW		
		MEASURED FROM "Z" (mm)		MEASURED FROM "SRP" (mm)				
		Left	Right	Left	Right			
FRONT	Left	N/A		N/A		N/A		
	Center	N/A		N/A		N/A		
	Right	N/A		N/A		N/A		
REAR	Left	43	43	167	168	13°	0°	0°
	Center	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Right	43	45	165	167	12°	0°	0°
THIRD	Left	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Center	23	24	174	174	4°	0°	0°
	Right	N/A	N/A	N/A	N/A	N/A	N/A	N/A

RECORDED BY: Grant Farrand

APPROVED BY: D. Messer

DATE: 06/14/04

DATA SHEET 4

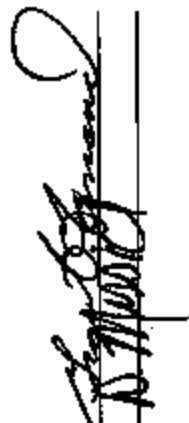
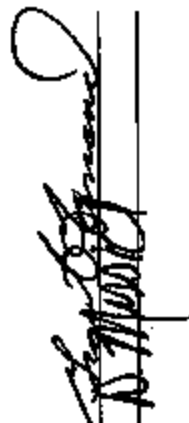
ANCHORAGE STATIC LOADING

VEH. MOD YR/MAKE/MODEL/BODY: 2004 FORD FREESTAR MPV
 VEH. NHTSA NO: C40203; VIN: 2FMZA50624BA08508
 VEH. BUILD DATE: 09/03; TEST DATE: JUNE 16, 2004
 TEST LABORATORY: GENERAL TESTING LABORATORIES
 OBSERVERS: GRANT FARRAND, JIMMY LATANE, ED CHAN
 TEST # 5220, 5223

TETHER ANCHORAGE- WITH SFAD:

SEATING POSITION	Seat, Seat Back & Head Restraint positions			Type of SFAD used	Angle	Initial location	Onset rate	Force Applied	Final location	Horizontal Displacement
	Seat	Seat Back	Head Restraint							
Front	Driver	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Center	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Right	REAR	21°	FIXED	4°	0.0	385 N/SEC	9845 N	110.7	110.7
Second	Left	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Center	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Right (if any)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Third	Left	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Center	FIXED	22°	UP	0°	0.0	385 N/SEC	9864	88.2	88.2
	Right	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REMARKS: TESTED TO S6.3.4

RECORDED BY: 
 APPROVED BY: 

DATE: 08/18/04

DATA SHEET 5
ANCHORAGE STATIC LOADING

VEH. MOD YR/MAKE/MODEL/BODY: 2004 FORD FREESTAR MPV
 VEH. NHTSA NO: C40203; VIN: 2FMZA50624BA08508
 VEH. BUILD DATE: 09/03; TEST DATE: JUNE 16, 2004
 TEST LABORATORY: GENERAL TESTING LABORATORIES
 OBSERVERS: GRANT FARRAND, JIMMY LATANE, ED CHAN

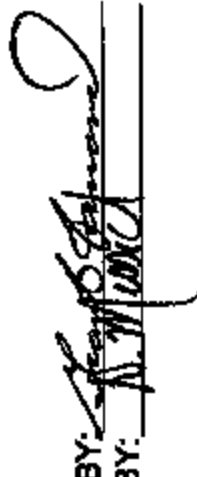
TEST # 5221

LOWER ANCHORAGE- FORWARD FORCE APPLICATION:

SEATING POSITION	Seat, Seat Back & Head Restraint positions			Measured Angles		Initial location	Onset rate	Force Applied	Final location	Displacement
	Seat	Seat Back	Head Restraint	Vertical	Horizontal					
Front	Driver	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Center	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Right	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rear	Left	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Center	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Right (if any)	FIXED	22°	UP	10°	0.0	4000 N/SEC	7830	58.5	58.5
Third	Left	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Center	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Right	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REMARKS:

DATE: 06/16/04

 RECORDED BY: 
 APPROVED BY: 

DATA SHEET 6
ANCHORAGE STATIC LOADING

VEH. MOD YR/MAKE/MODEL/BODY: 2004 FORD FREESTAR MPV
 VEH. NHTSA NO: C40203; VIN: 2FMZA50624BA08508
 VEH. BUILD DATE: 08/03; TEST DATE: JUNE 16, 2004
 TEST LABORATORY: GENERAL TESTING LABORATORIES
 OBSERVERS: GRANT FARRAND, JIMMY LATANE, ED CHAN

TEST # 5222

LOWER ANCHORAGE- LATERAL FORCE APPLICATION:

SEATING POSITION	Seat, Seat Back & Head Restraint positions			Measured Angles		Initial location	Onset rate	Force Applied	Final location	Displacement
	Seat	Seat Back	Head Restraint	Vertical	Horizontal					
Front	Driver	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Center	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Right	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rear	Left	FIXED	22°	UP	75°	0°	2500 N/SEC	4977	34.3	34.3
	Center	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Right (if any)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Third	Left	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Center	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Right	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REMARKS:

DATE: 06/16/04

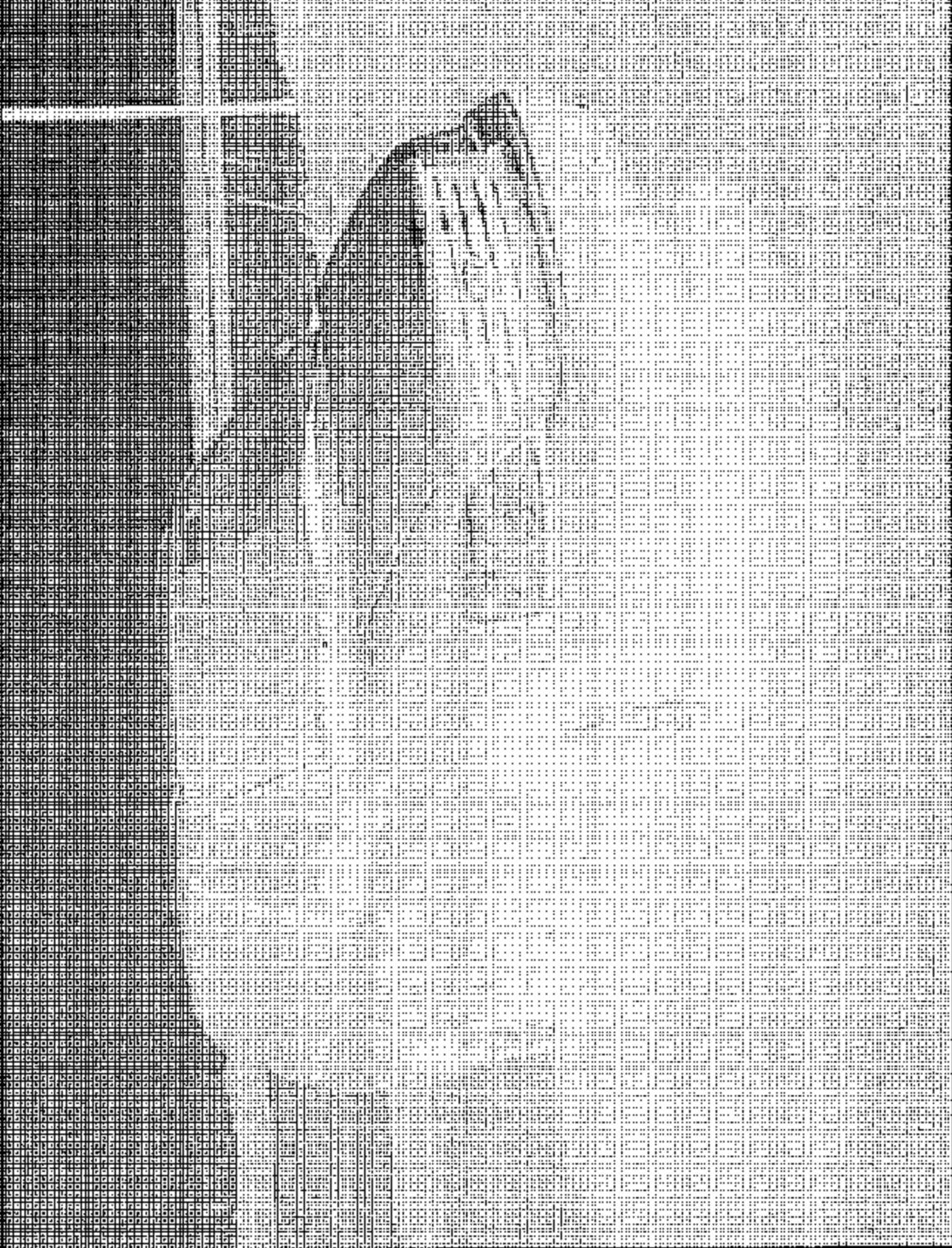
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 APPROVED BY: *[Signature]*

SECTION 4
INSTRUMENTATION AND EQUIPMENT LIST

TABLE 1 - INSTRUMENTATION & EQUIPMENT LIST

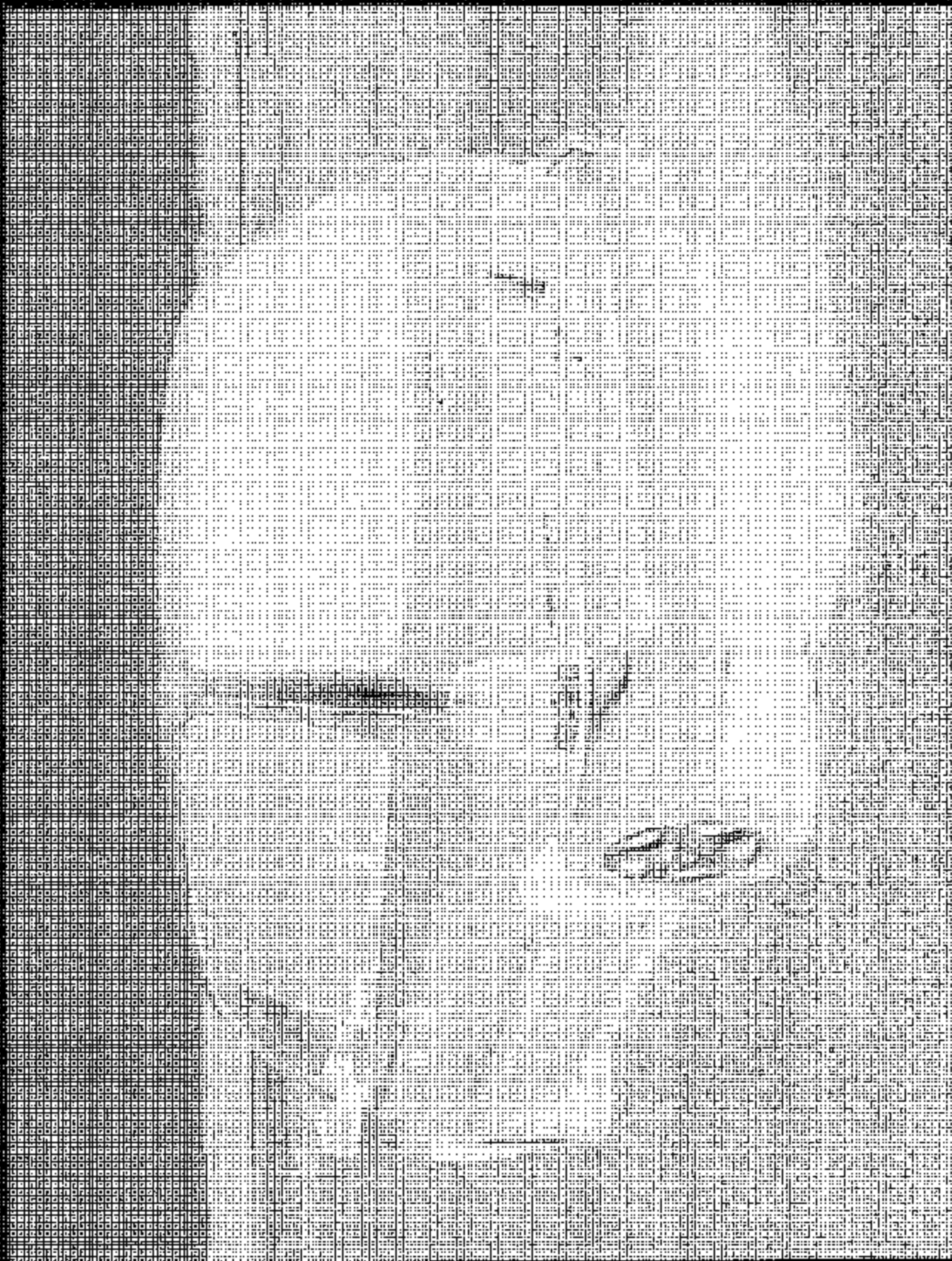
EQUIPMENT	DESCRIPTION	MODEL/ SERIAL NO.	CAL. DATE	NEXT CAL. DATE
COMPUTER	AT&T	486DX266	BEFORE USE	BEFORE USE
LOAD CELL	INTERFACE	496	06/03	06/04
LINEAR TRANSDUCER	CELESCO	69	BEFORE USE	BEFORE USE
LINEAR TRANSDUCER	CELESCO	70	BEFORE USE	BEFORE USE
LINEAR TRANSDUCER	CELESCO	72	BEFORE USE	BEFORE USE
LEVEL	STANLEY	42-449	02/04	02/05
FORCE GAUGE	CHATILLON	8761	BEFORE USE	BEFORE USE
CALIPER	N/A	Q9322365	BEFORE USE	BEFORE USE

SECTION 5
PHOTOGRAPHS



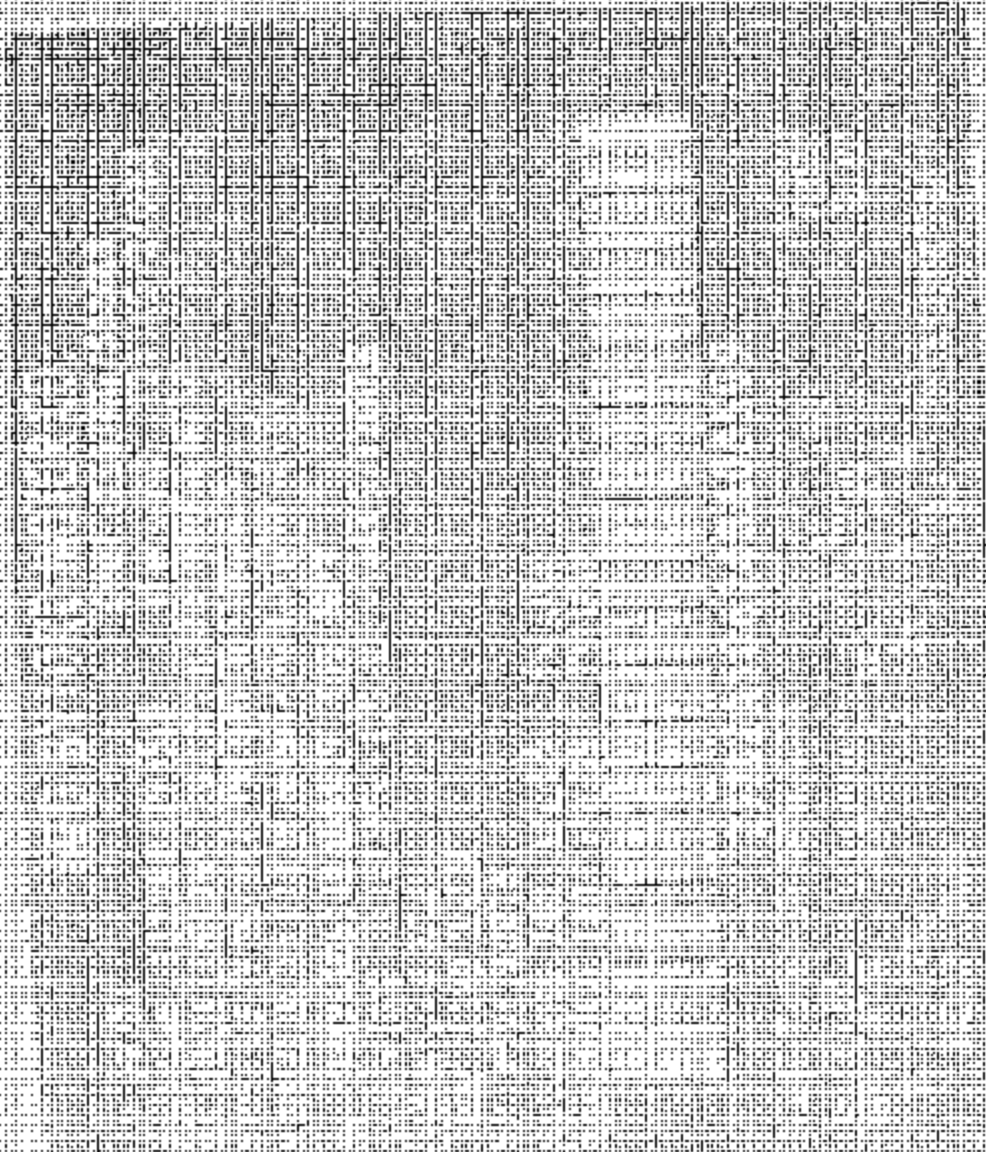
2007 FORD FREESTAR
NHISA NO C40203
FVSS NO 225

FIGURE 5.1
¾ FRONTAL RIGHT SIDE VIEW OF VEHICLE



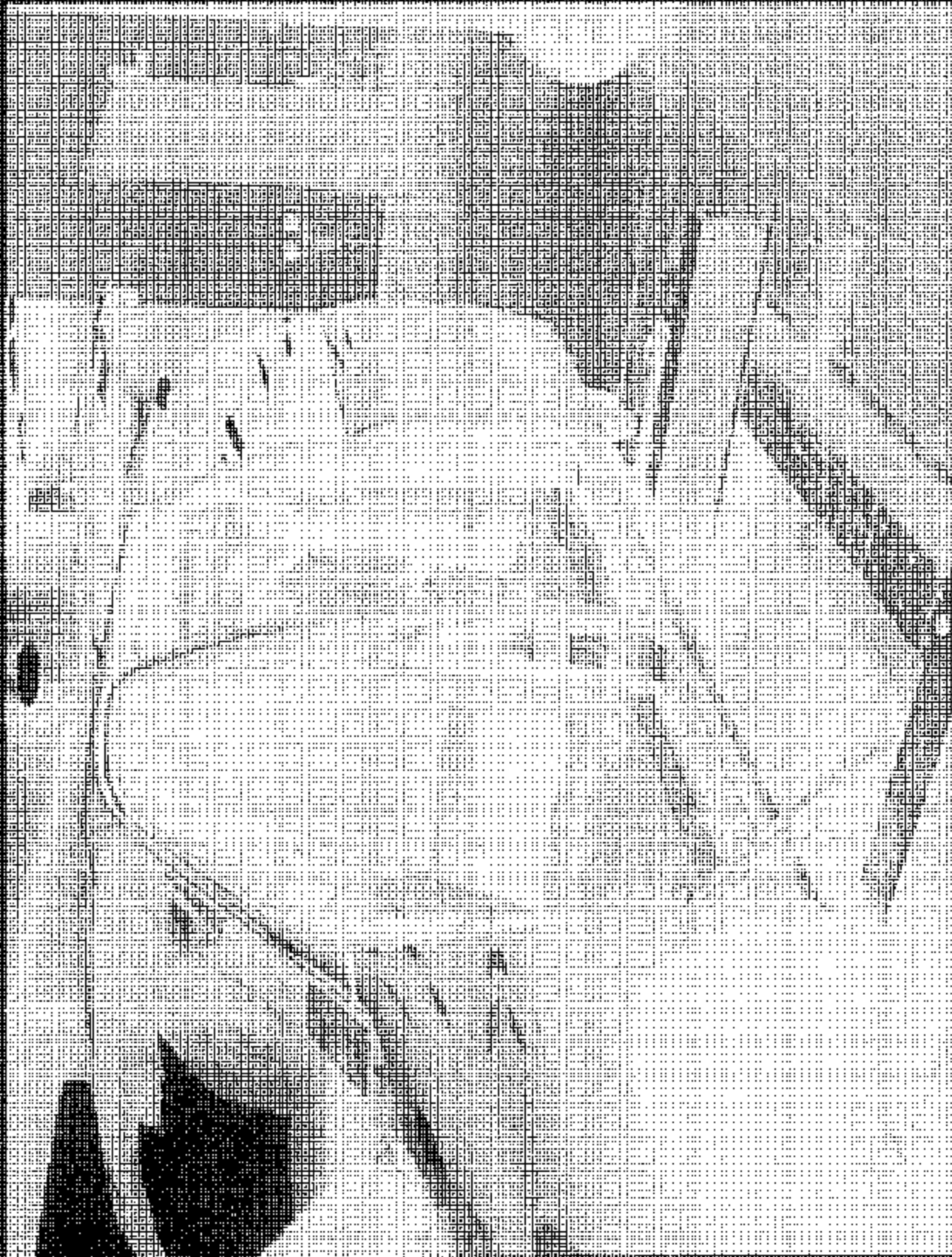
2004 FORD FREESTAR
NHTSA NO. C46223
FMVSS NO. 225

FIGURE 5.2
¾ REARWARD LEFT SIDE VIEW OF VEHICLE



2011 FORD FREESTAR
NHTSA NO. C40303
FMVSS NO. 225

FIGURE 5.3
CLOSE-UP VIEW OF VEHICLE CERTIFICATION
AND TIRE INFORMATION LABEL



2004 FORD FREETAR
NHTSA NO. C40203
FMVSS NO. 225

FIGURE 5.4
% LEFT FRONT VIEW OF VEHICLE IN TEST RIG



2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 225

FIGURE 5.5
¾ RIGHT FRONT VIEW OF VEHICLE IN TEST RIG

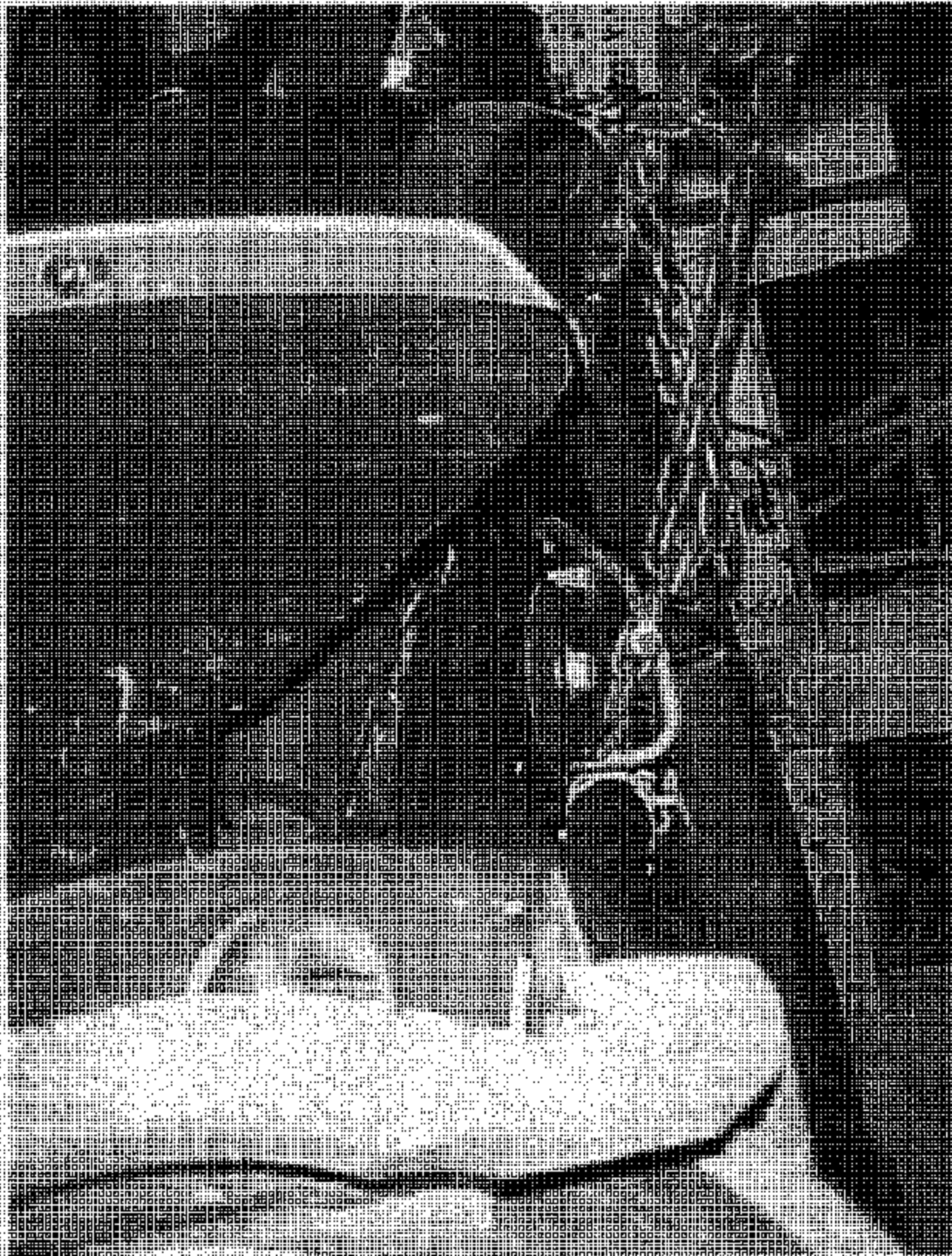


FIGURE 3.6
RIGHT FRONT VEHICLE TIE DOWN

2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 225

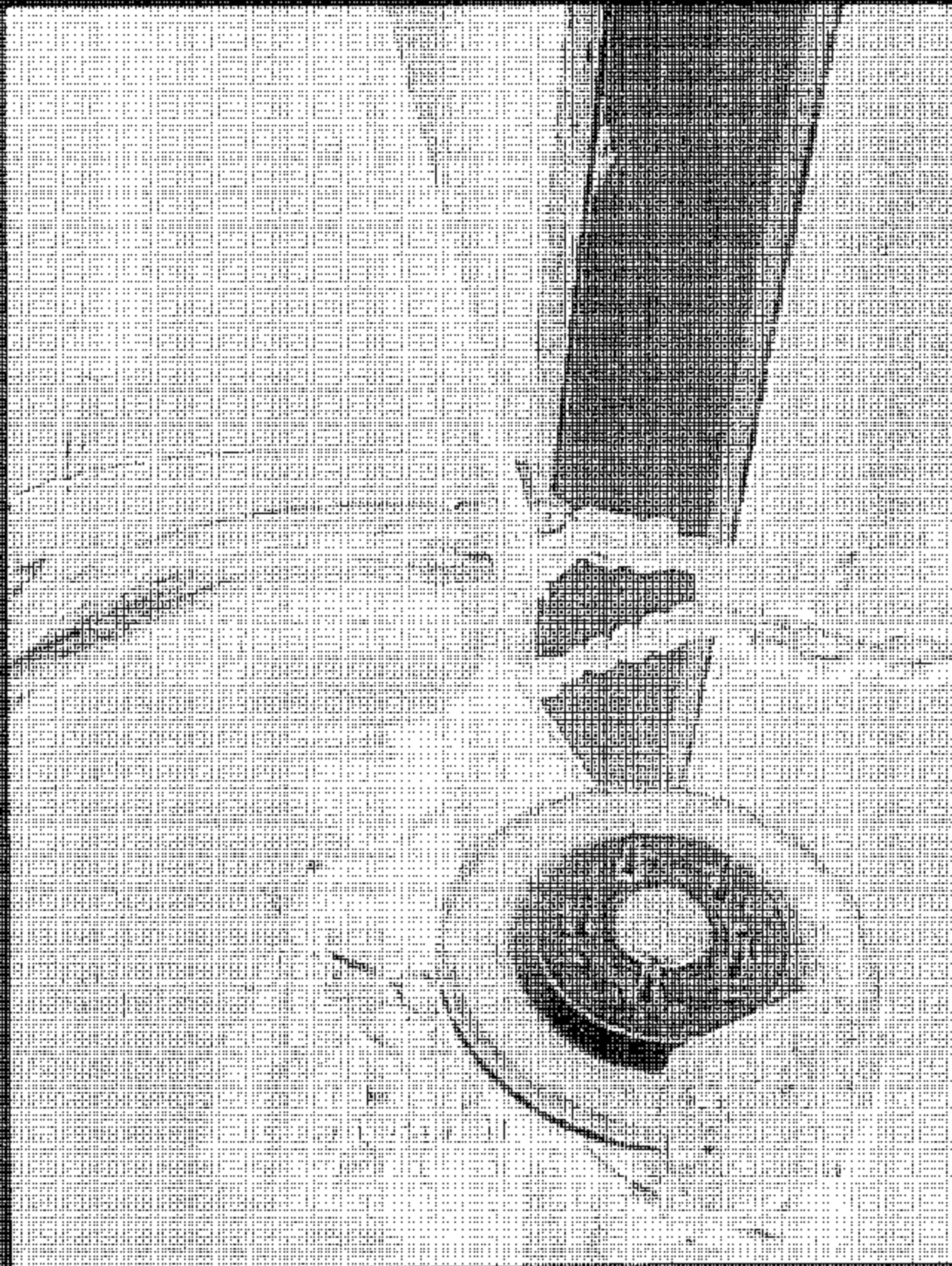
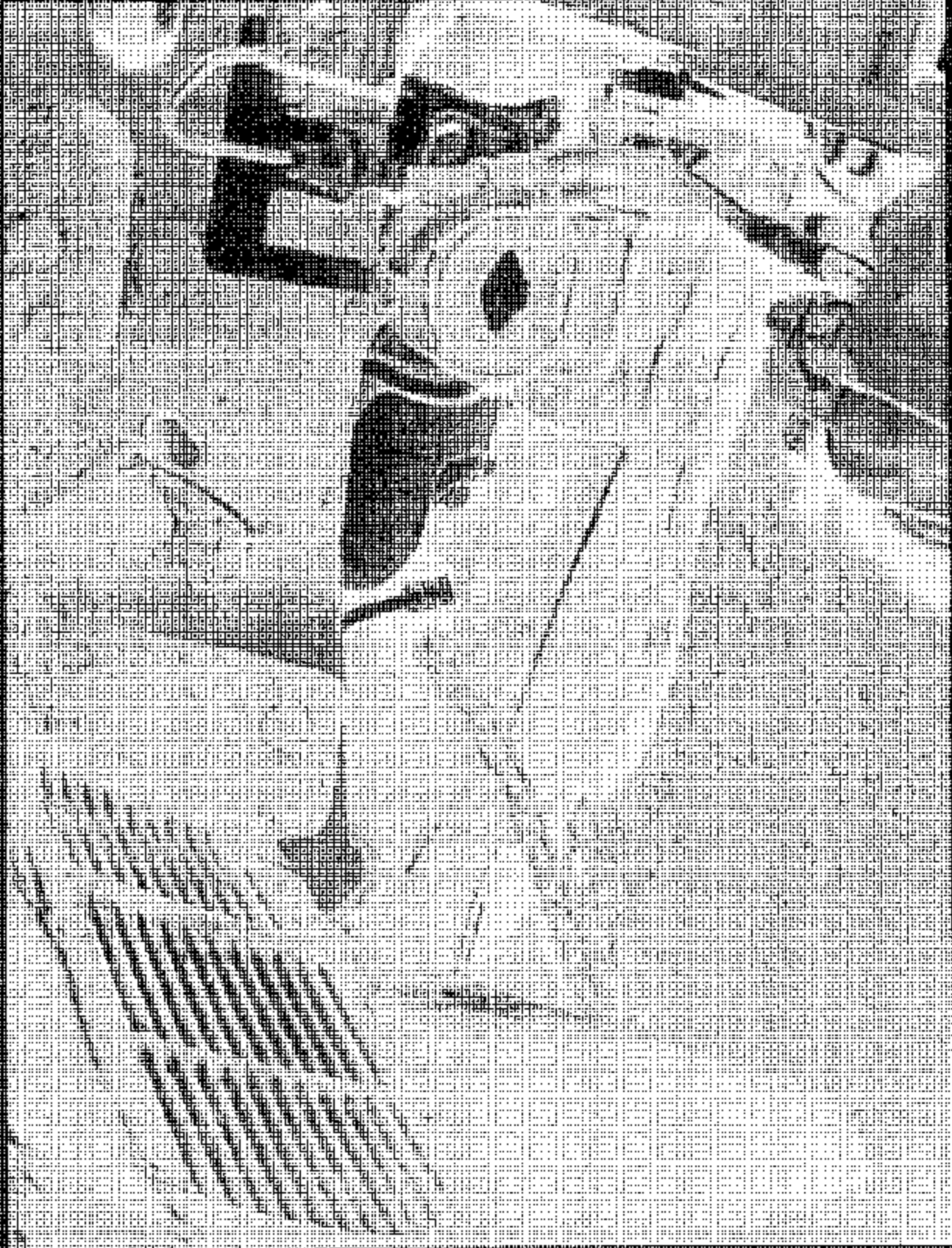


FIGURE 5.7
RIGHT REAR VEHICLE TIE DOWN

2004 FORD FREESTAR
NHTSA NO. C46Z03
FMVSS NO. 225



2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 225

FIGURE 5-B
LEFT FRONT VEHICLE TIE DOWN

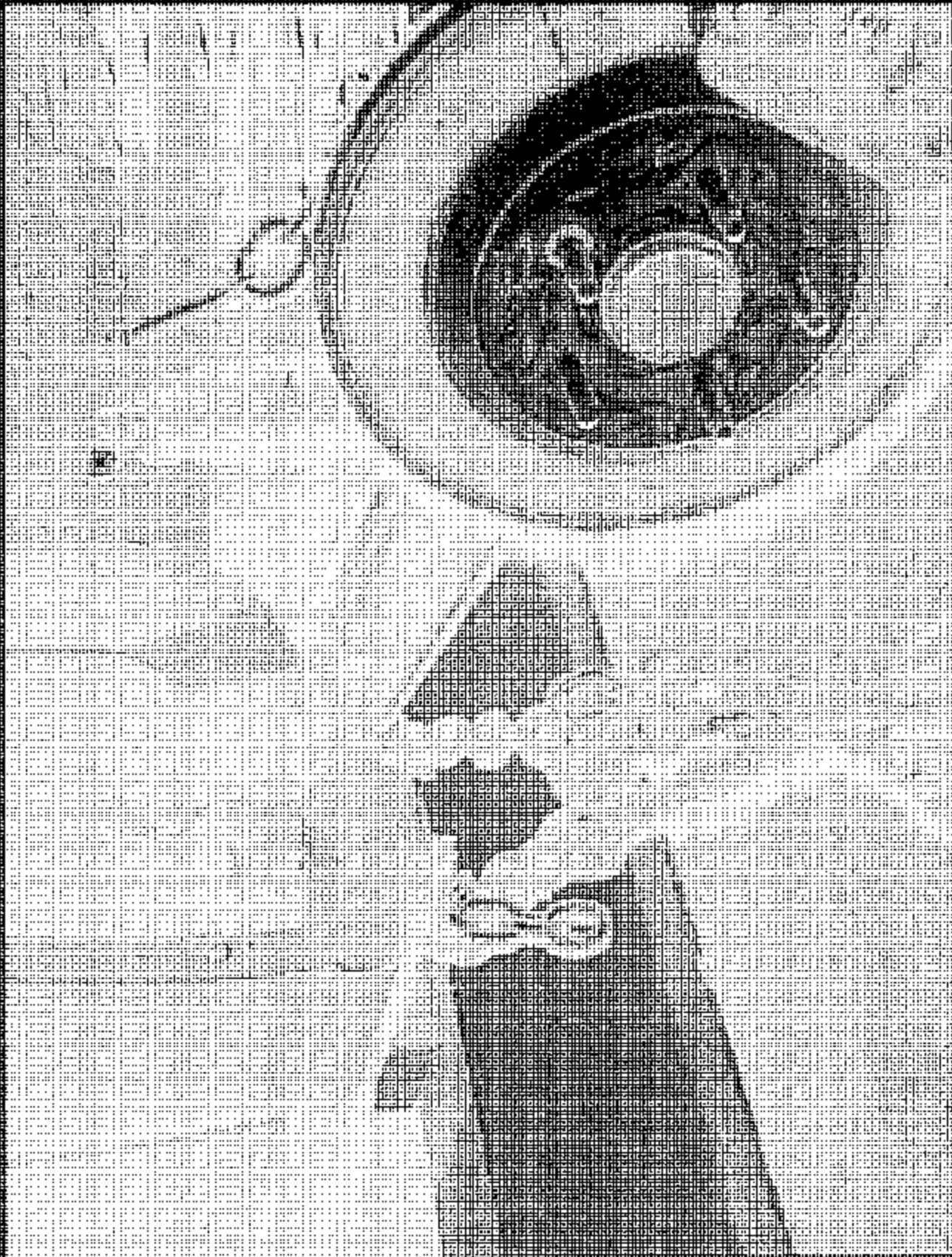


FIGURE 08
LEFT REAR VEHICLE TIE DOWN

2004 FORD FREESTAR
NHTSA NO. C40003
FMVSS NO. 226

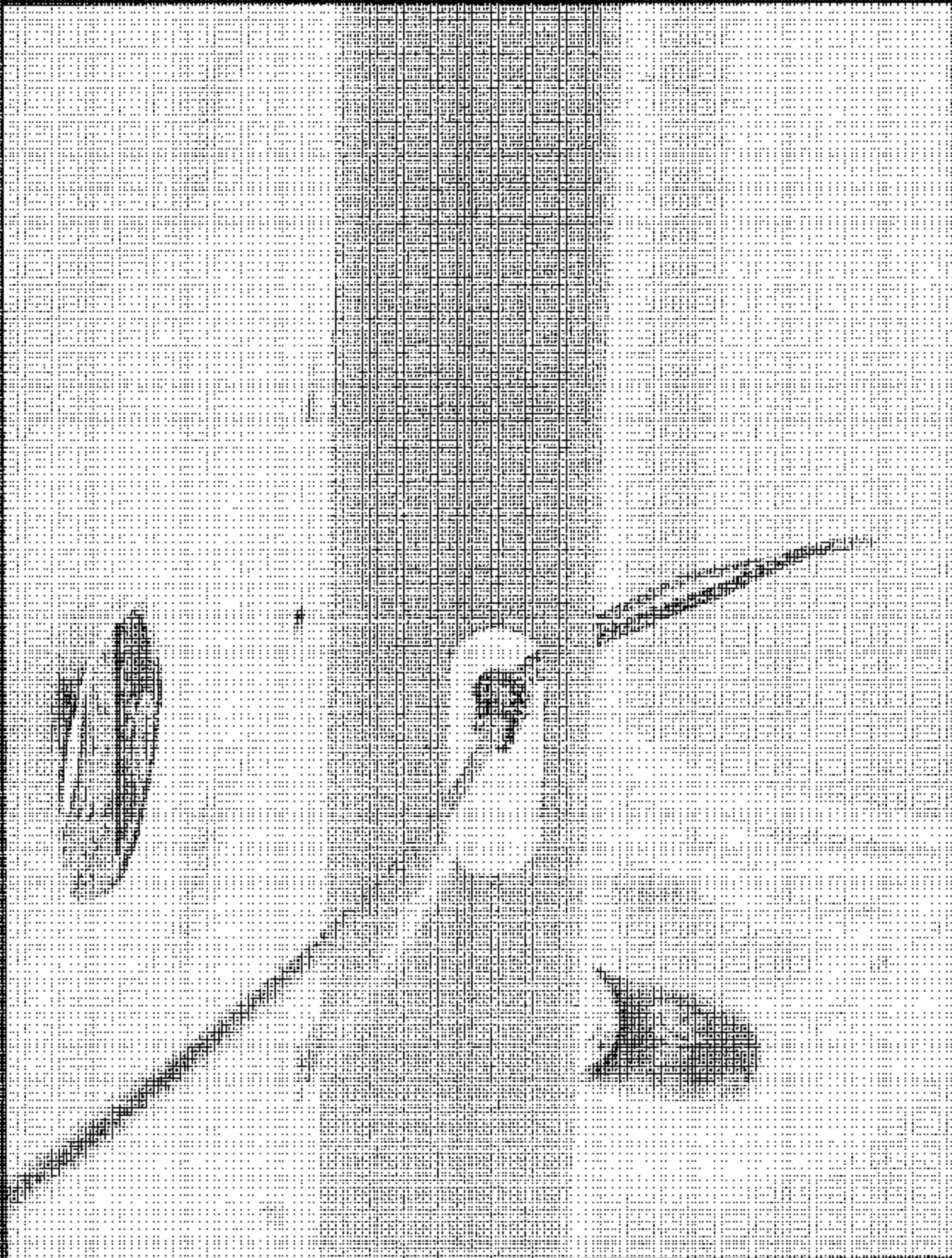


FIGURE 5-10
PRE-TEST FRONT RIGHT TOP TETHER
ANCHOR

2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 225

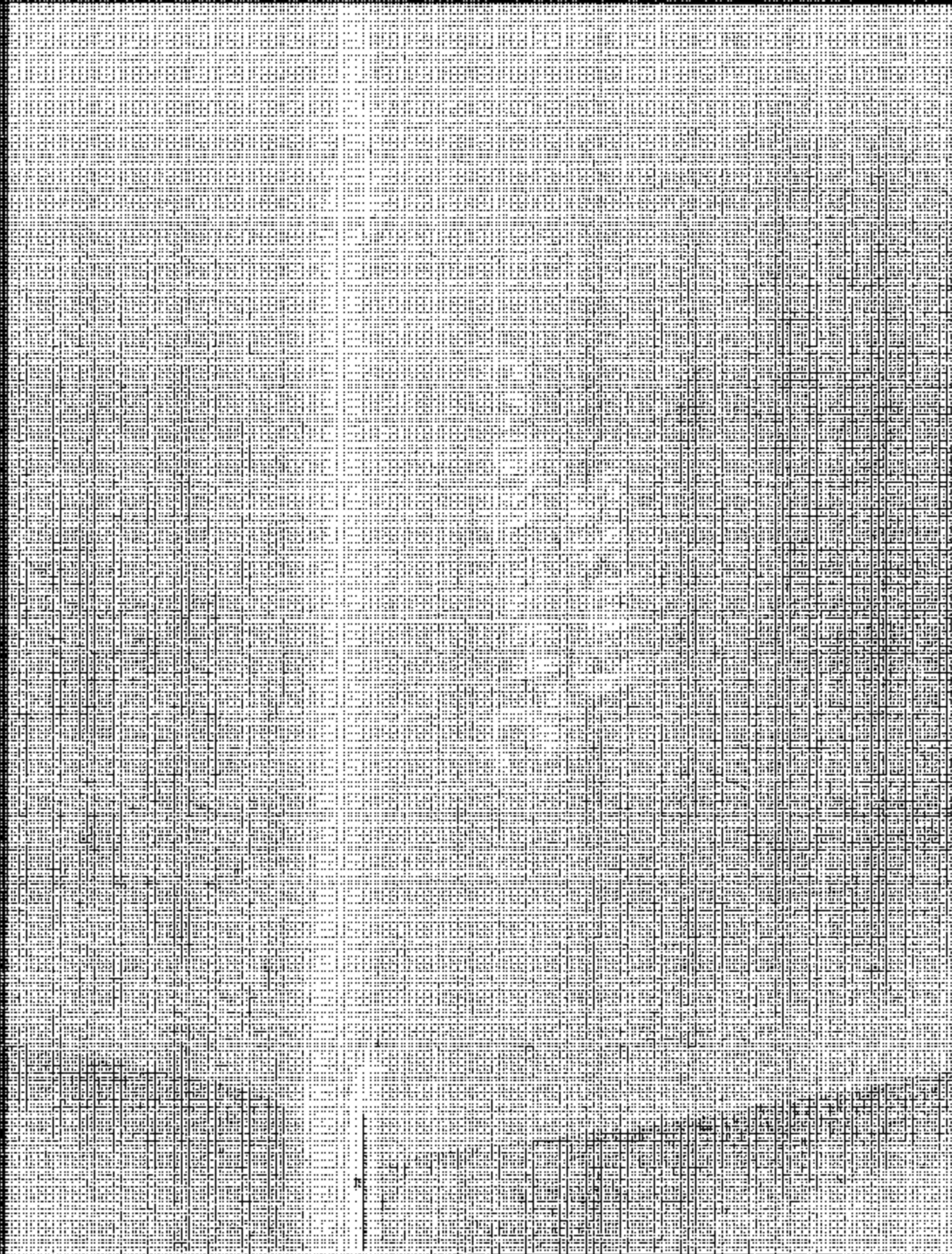


FIGURE 5.11
FIRE-TEST 2ND ROW RIGHT LOWER ANCHORS

2004 FORD FREESTAR
NHTSA NO. C402D3
FMVSS NO. 225



2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 225

FIGURE 5.12
PRE-TEST 2ND ROW RIGHT TOP TETHER
ANCHOR

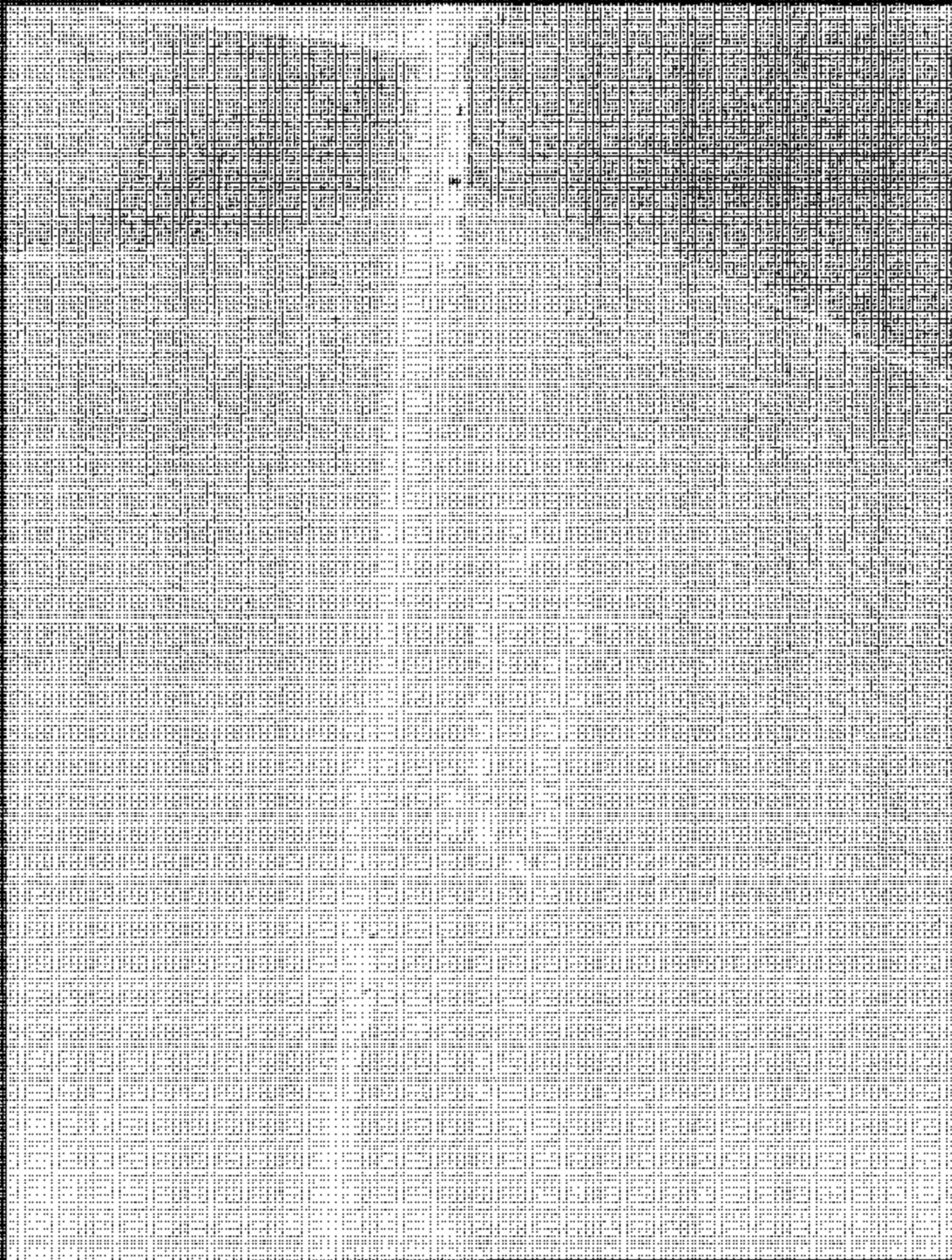
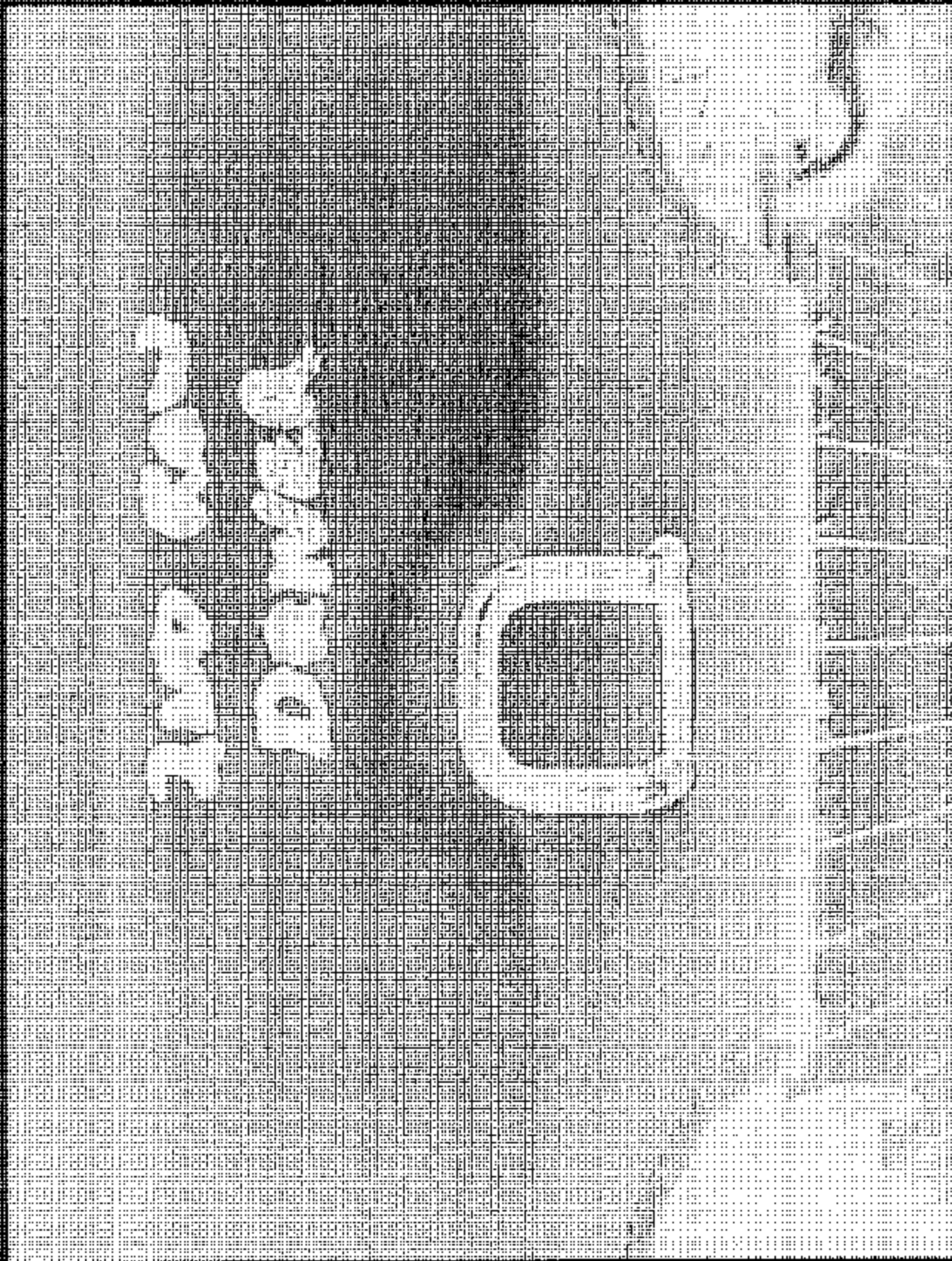


FIGURE 5.13
PRE-TEST 2ND ROW LEFT TOP LOWER
ANCHORS

2004 FORD PREESTAR
NHTSA NO. C40203
FAYES NO. 225



2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 226

FIGURE B-14
PRE-TEST 2ND ROW LEFT TOP TETHER
ANCHORS



FIGURE 5.15
PRE-TEST 3RD ROW CENTER LOWER ANCHORS

2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 225

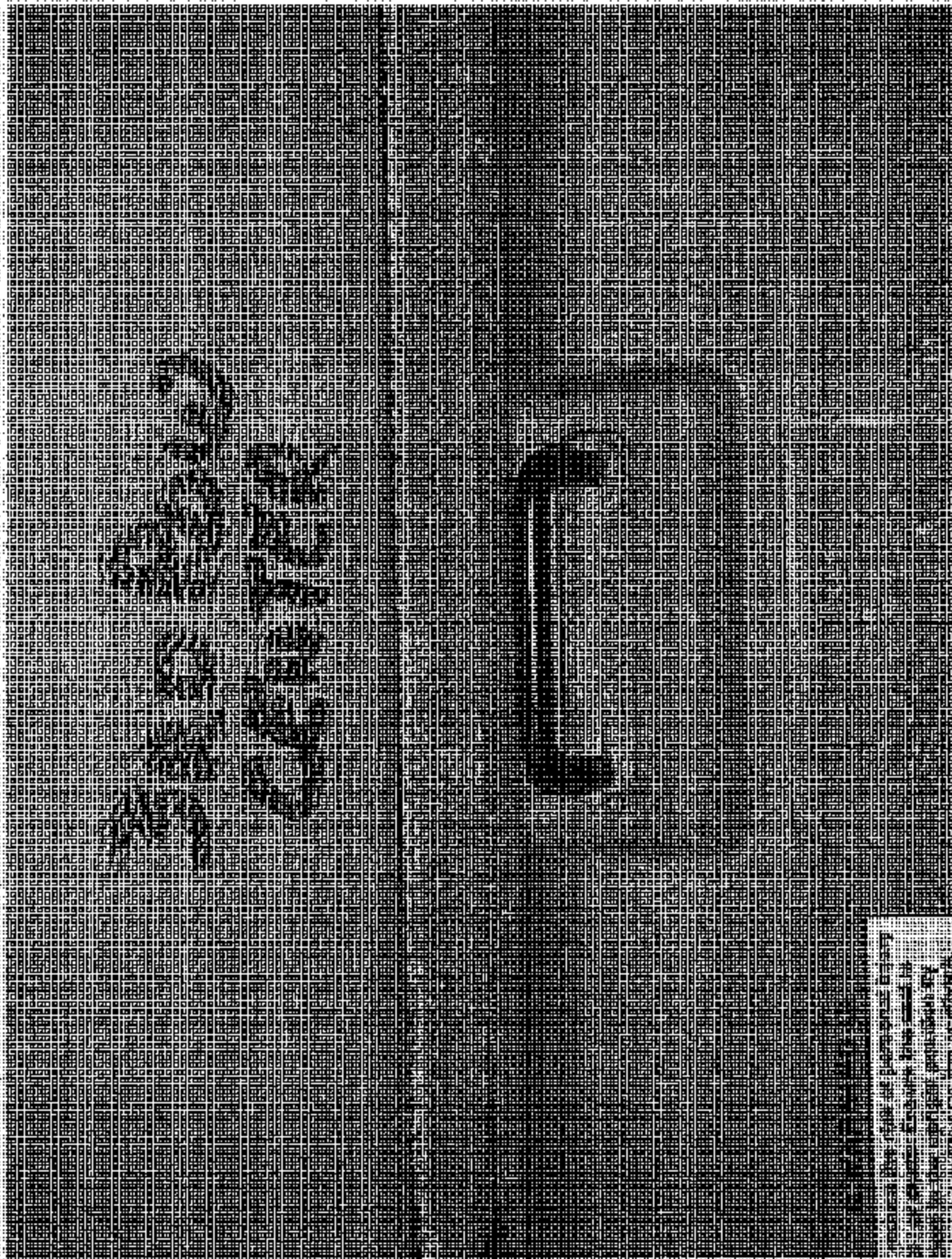


FIGURE 5.16
PRE-TEST 3RD ROW CENTER TOP TETHER
ANCHOR

2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 225



FIGURE 5.17
VIEW OF 2D TEMPLATE IN FRONT RIGHT SEAT

2004 FORD FREESTAR
NHTSA NO. C40209
FMVSS NO. 225

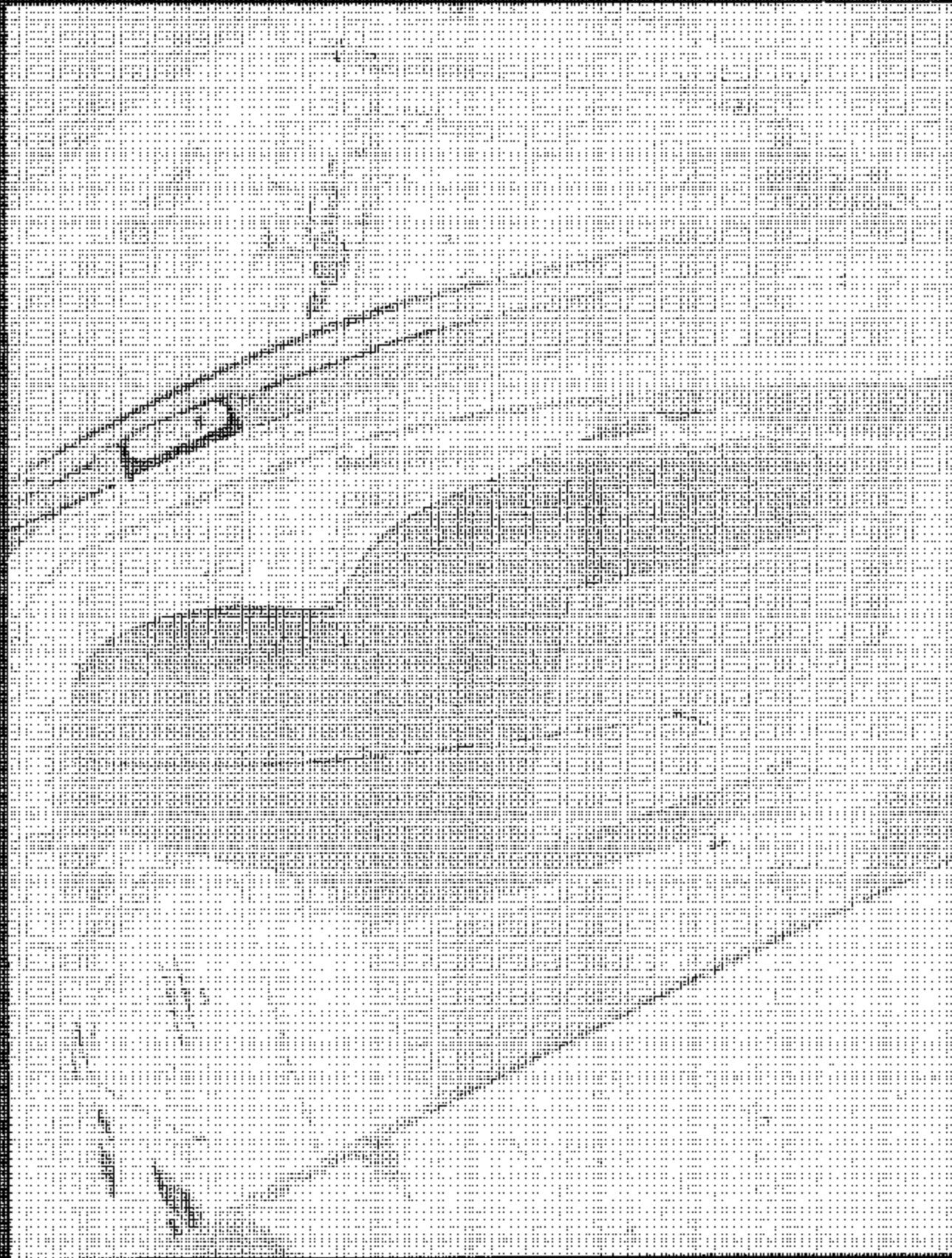
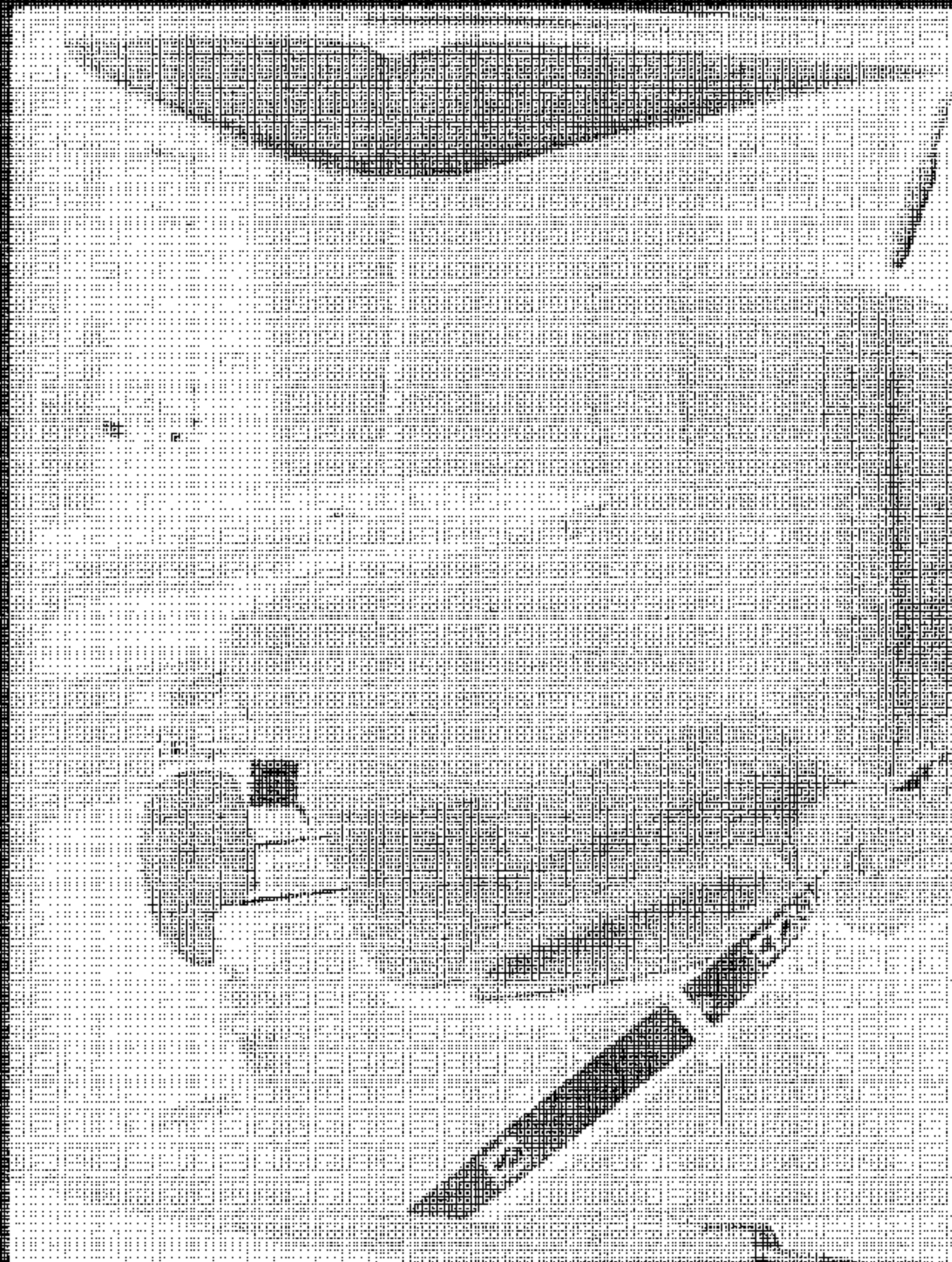


FIGURE 16
VIEW OF 2D TEMPLATE IN FRONT RIGHT SEAT

2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 226



2004 FORD FREESTAR
NHTSA NO. C4Q208
FIATSS NO. 226

FIGURE 8.19
VIEW OF 2D TEMPLATE IN 2ND ROW RIGHT
SEAT

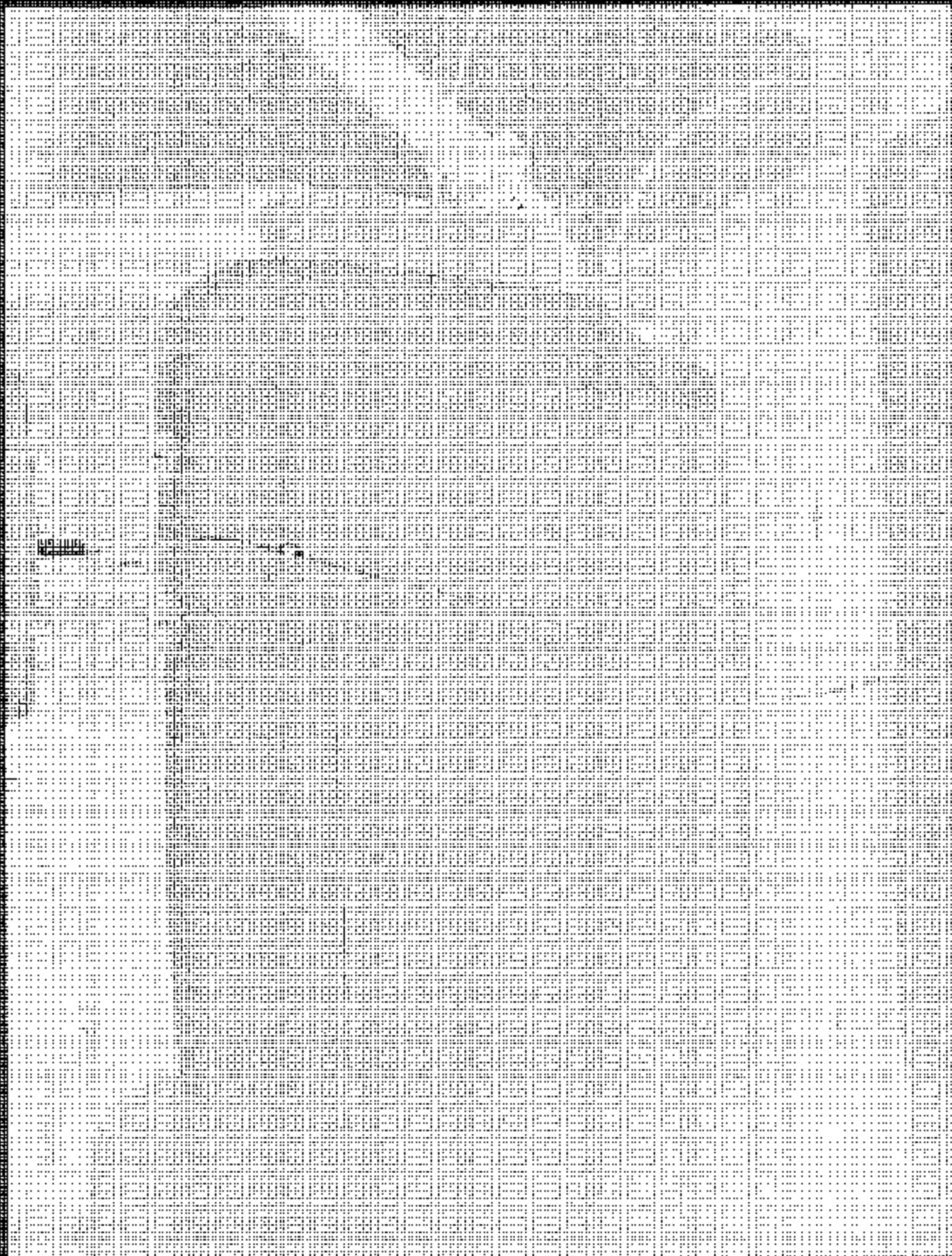


FIGURE 5-23
VIEW OF 2D TEMPLATE IN 2ND ROW RIGHT
SEAT

2004 FORD FREESTAR
AHTSA NO C40203
FMASS NO 225

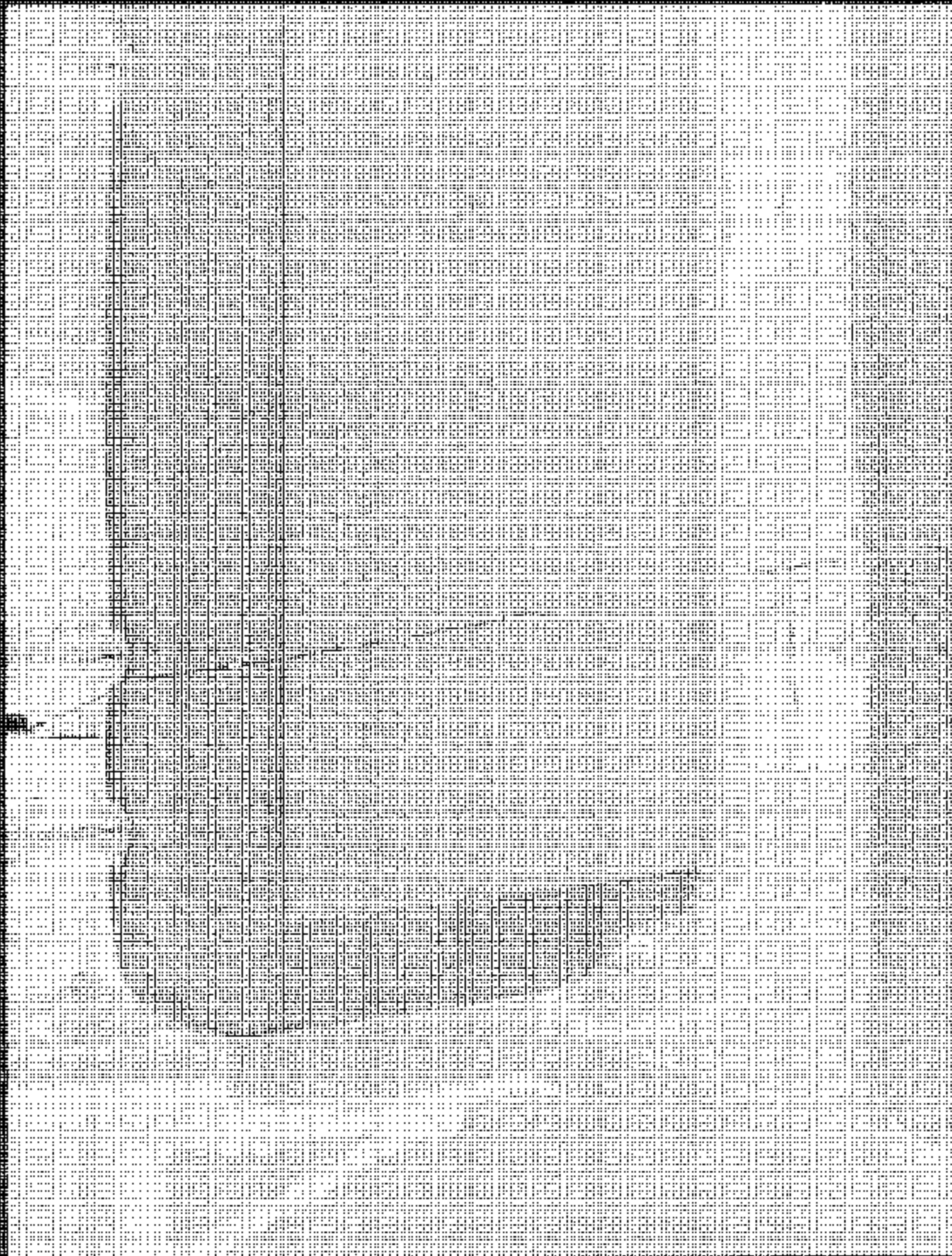


FIGURE 5.22
VIEW OF 2D TEMPLATE IN 2ND ROW LEFT SEAT

2004 FORD FREESTAR
NHTSA NO. C400004
FMVSS NO. 225

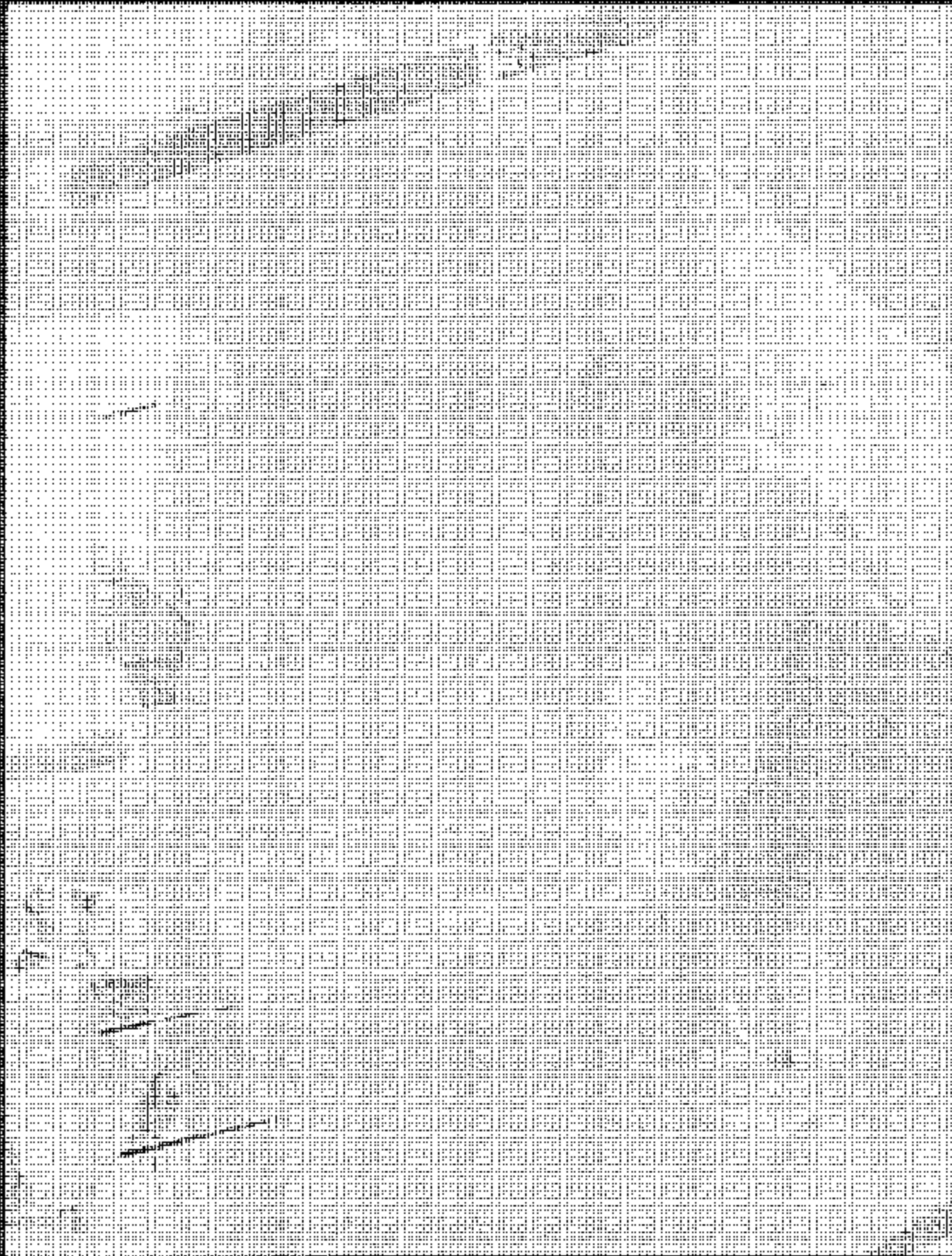


FIGURE 5-23
VIEW OF 2D TEMPLATE IN 3RD ROW CENTER
SEAT

2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 225

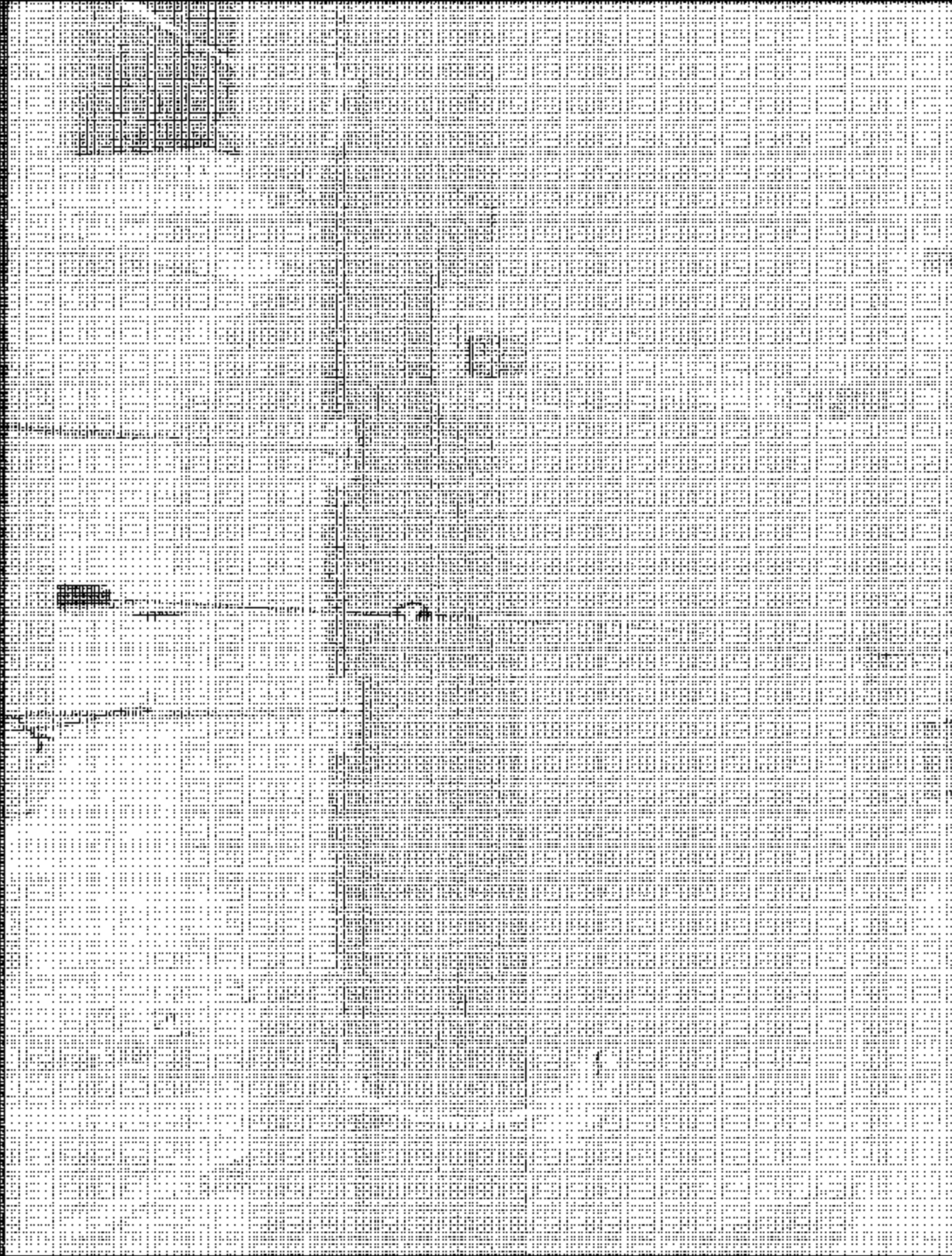


FIGURE 3.24
VIEW OF 2D TEMPLATE IN 3RD ROW CENTER
SEAT

2004 FORD FREESTAR
NHTSA NO. C4J2203
FMVSS NO. 225

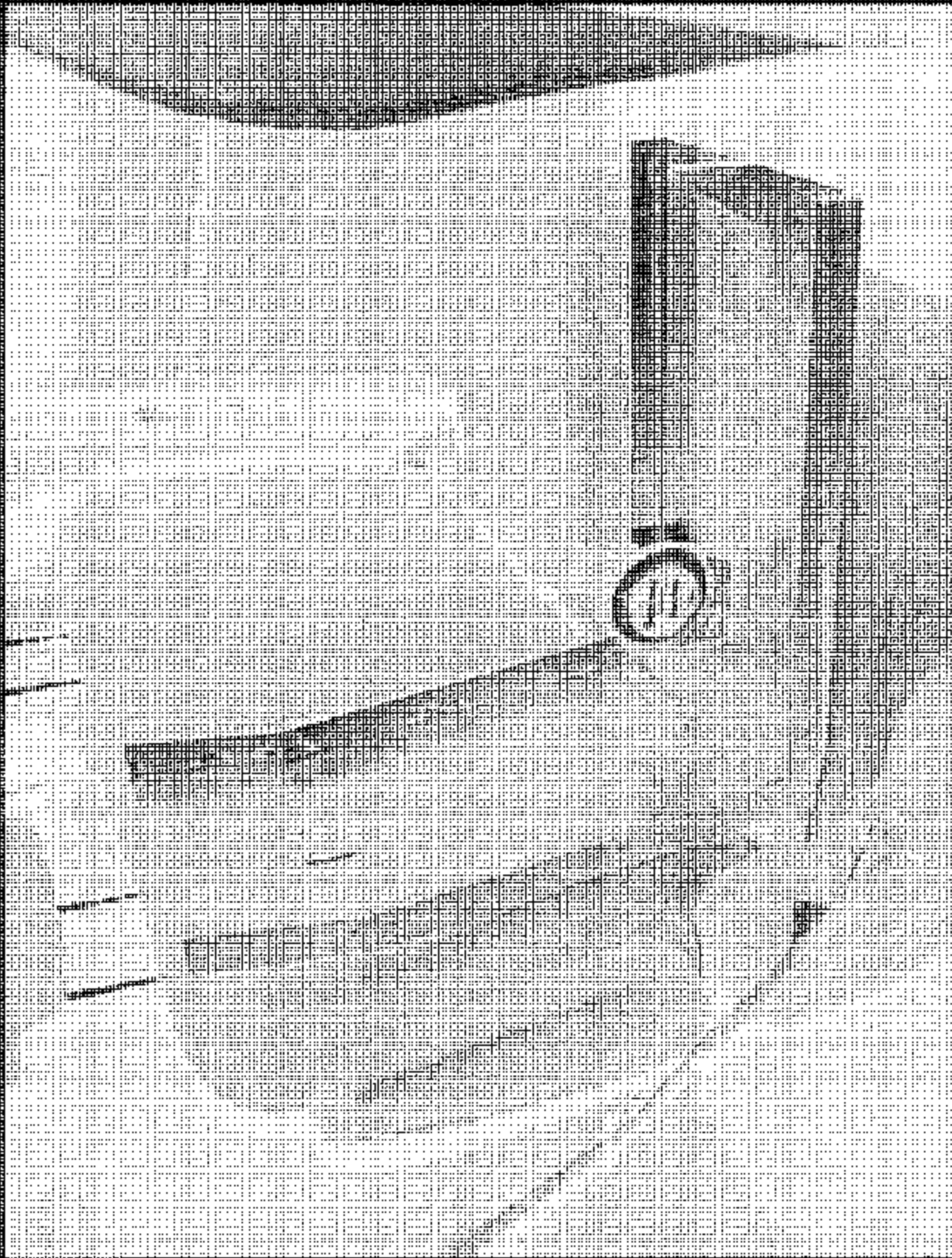
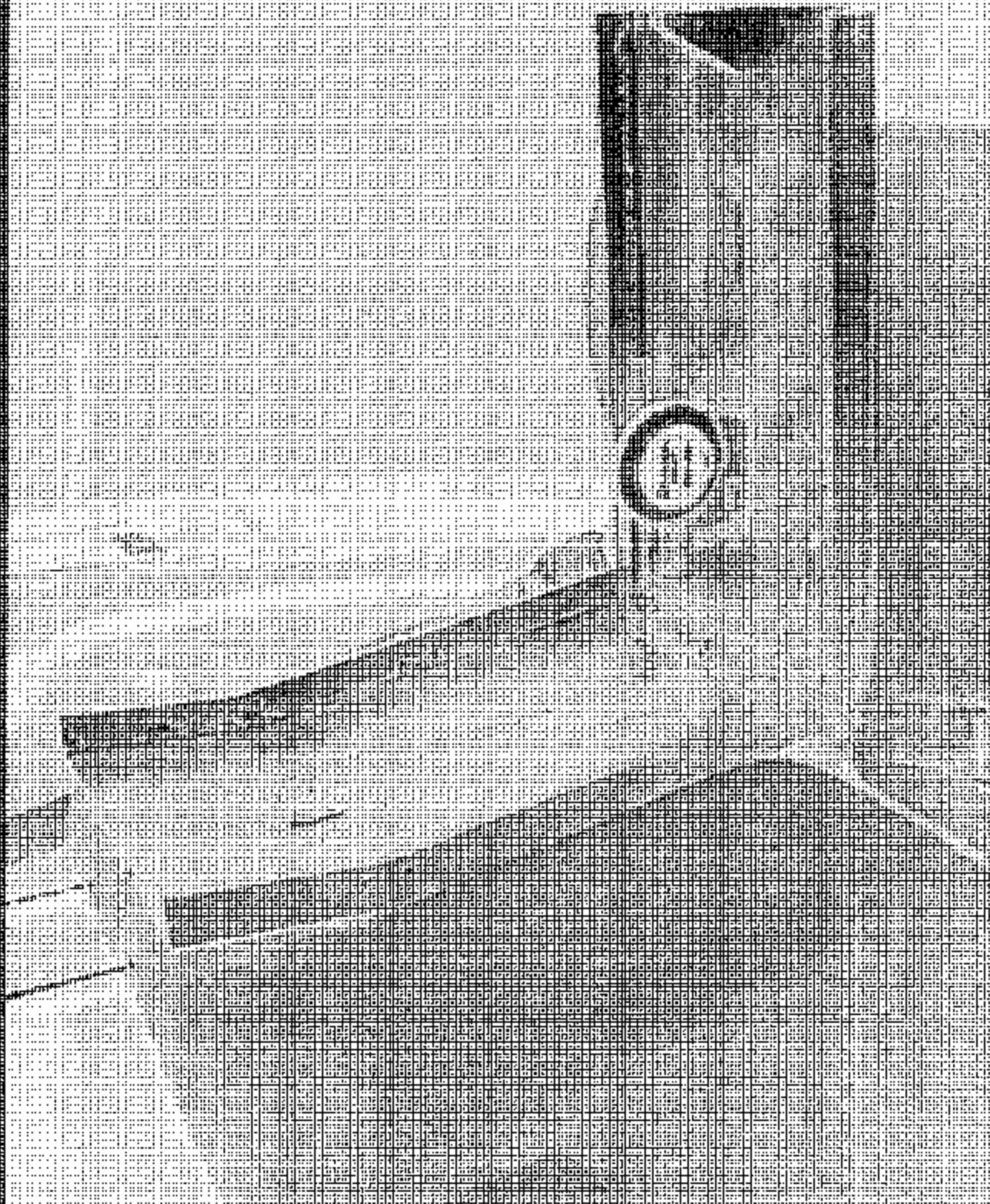


FIGURE 5.25
VIEW OF CRF IN 2ND ROW RIGHT SEAT

2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 225



2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 225

FIGURE 5-28
VIEW OF CRF IN 2ND ROW LEFT SEAT

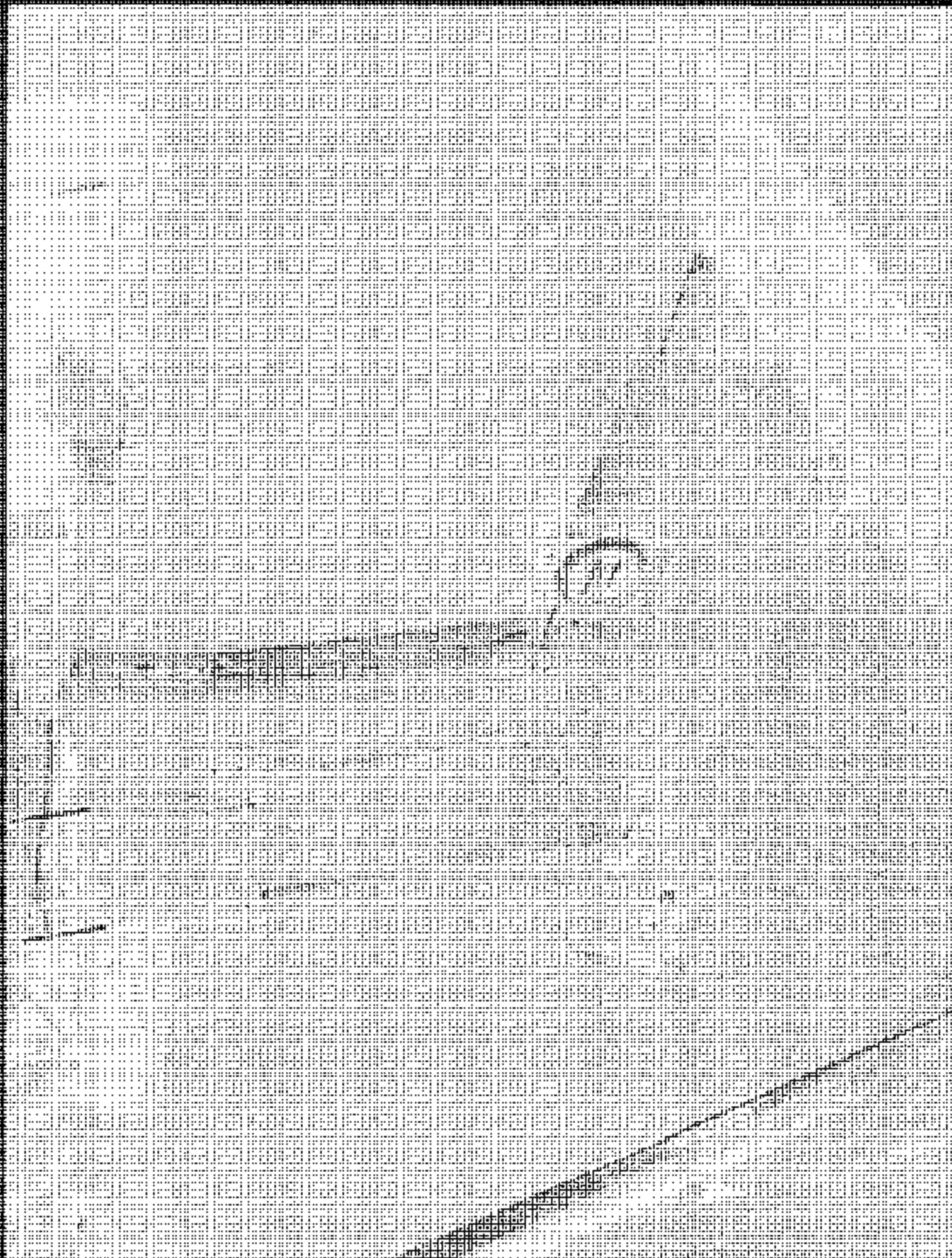


FIGURE 5.27
VIEW OF CH# IN 3RD ROW CENTER SEAT

2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 225

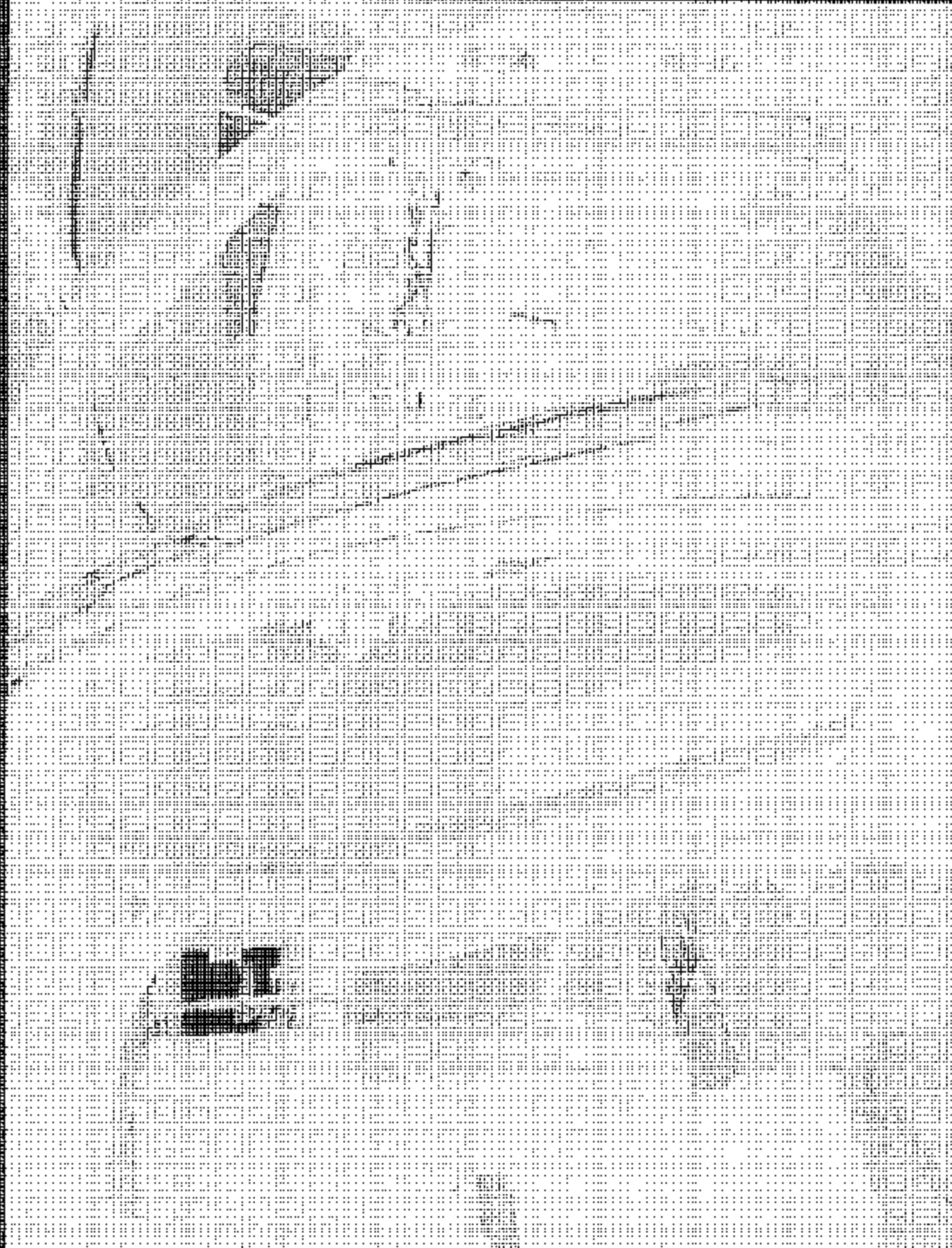


FIGURE 5.28
PRE-TEST SET-UP FRONT ROW RIGHT
POSITION

2004 FORD FREESTAR
NHISAWC C40203
FHWSS NO. 225

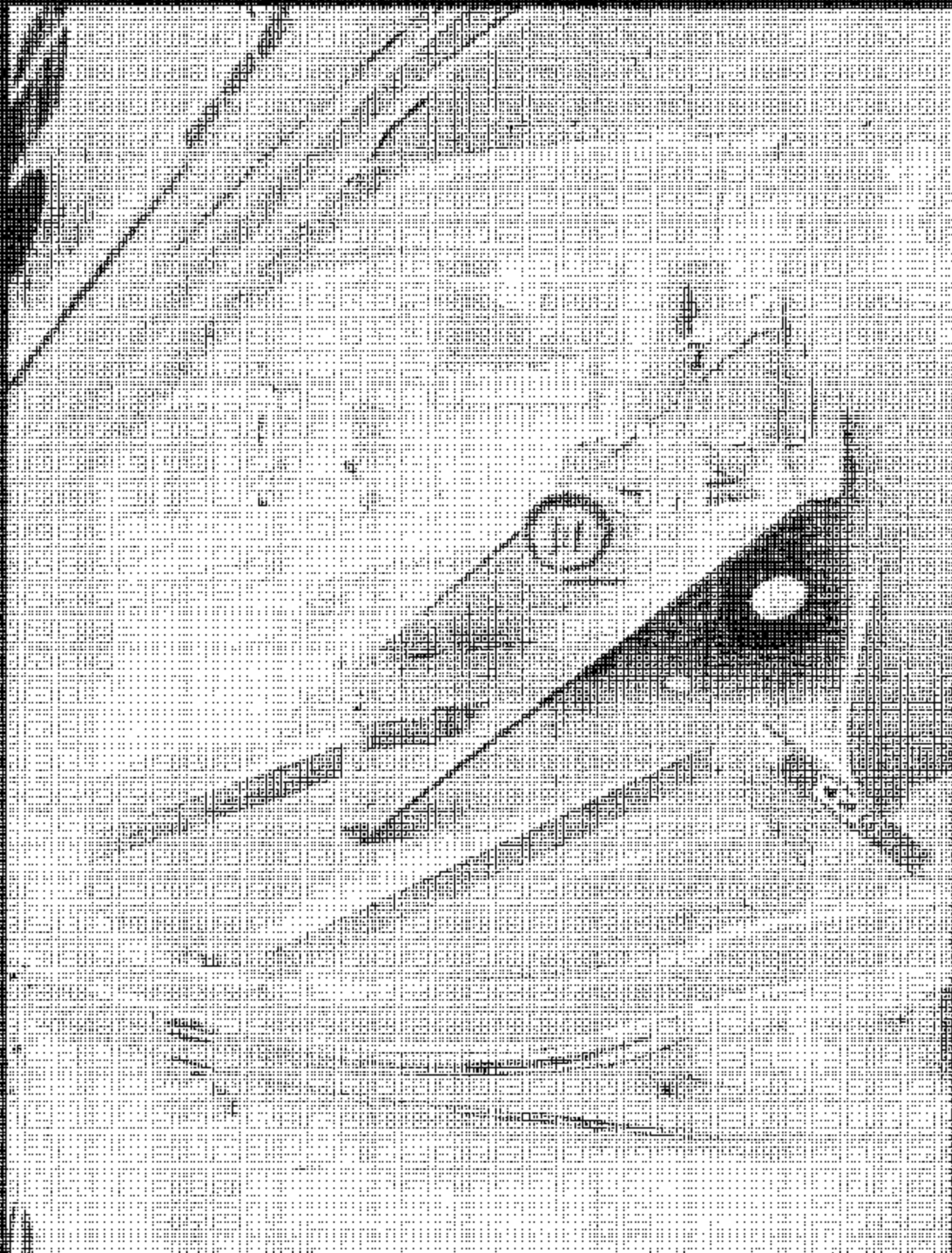


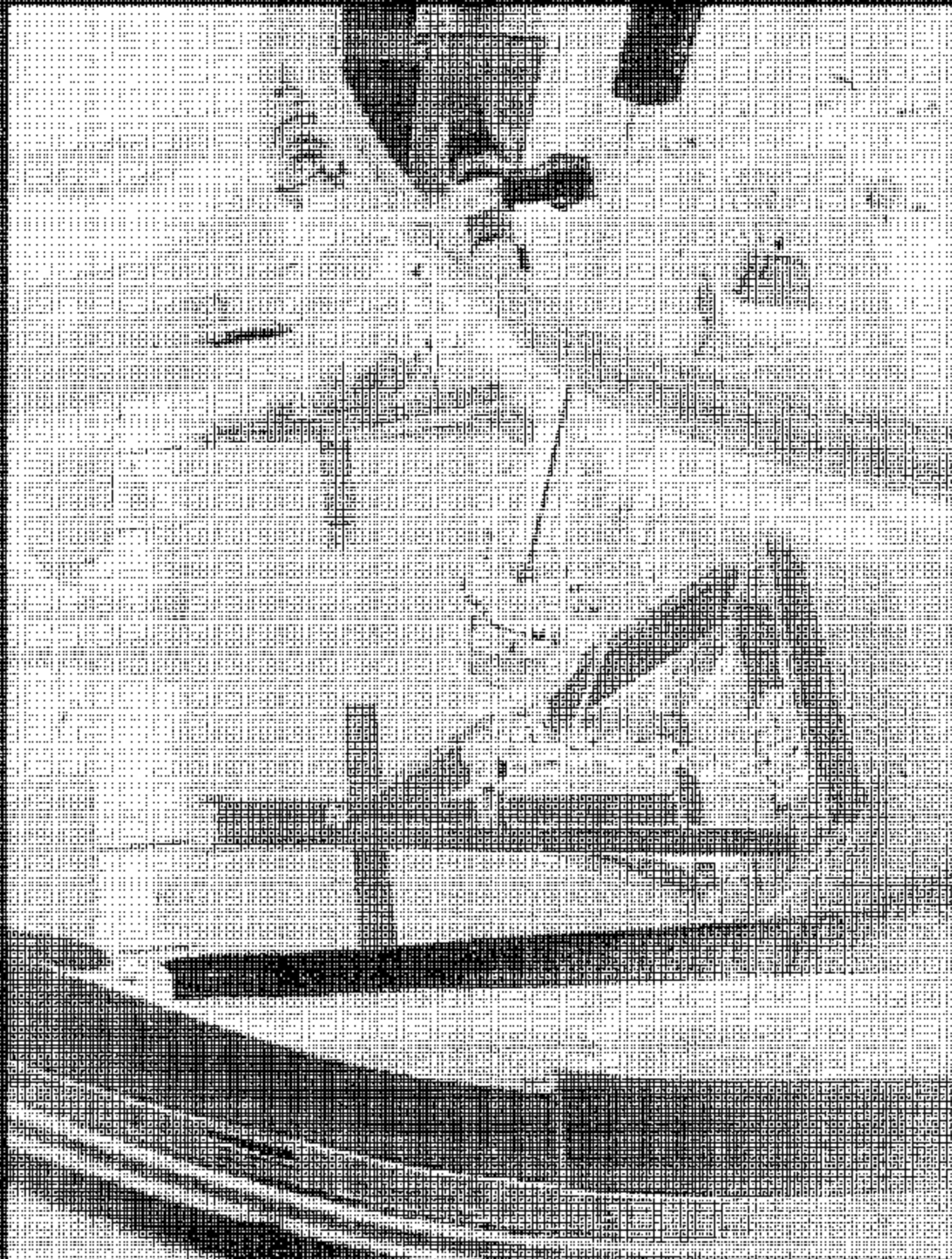
FIGURE 6-29
PRE-TEST SET-UP FRONT ROW RIGHT
POSITION

2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 225



FIGURE A-30
POST TEST FRONT ROW RIGHT POSITION

2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 225



2004 FORD FREESTAR
NHTSA NO. C40205
FMVSS NO. 225

FIGURE 6.31
PRE-TEST GET-UP 2ND ROW RIGHT POSITION

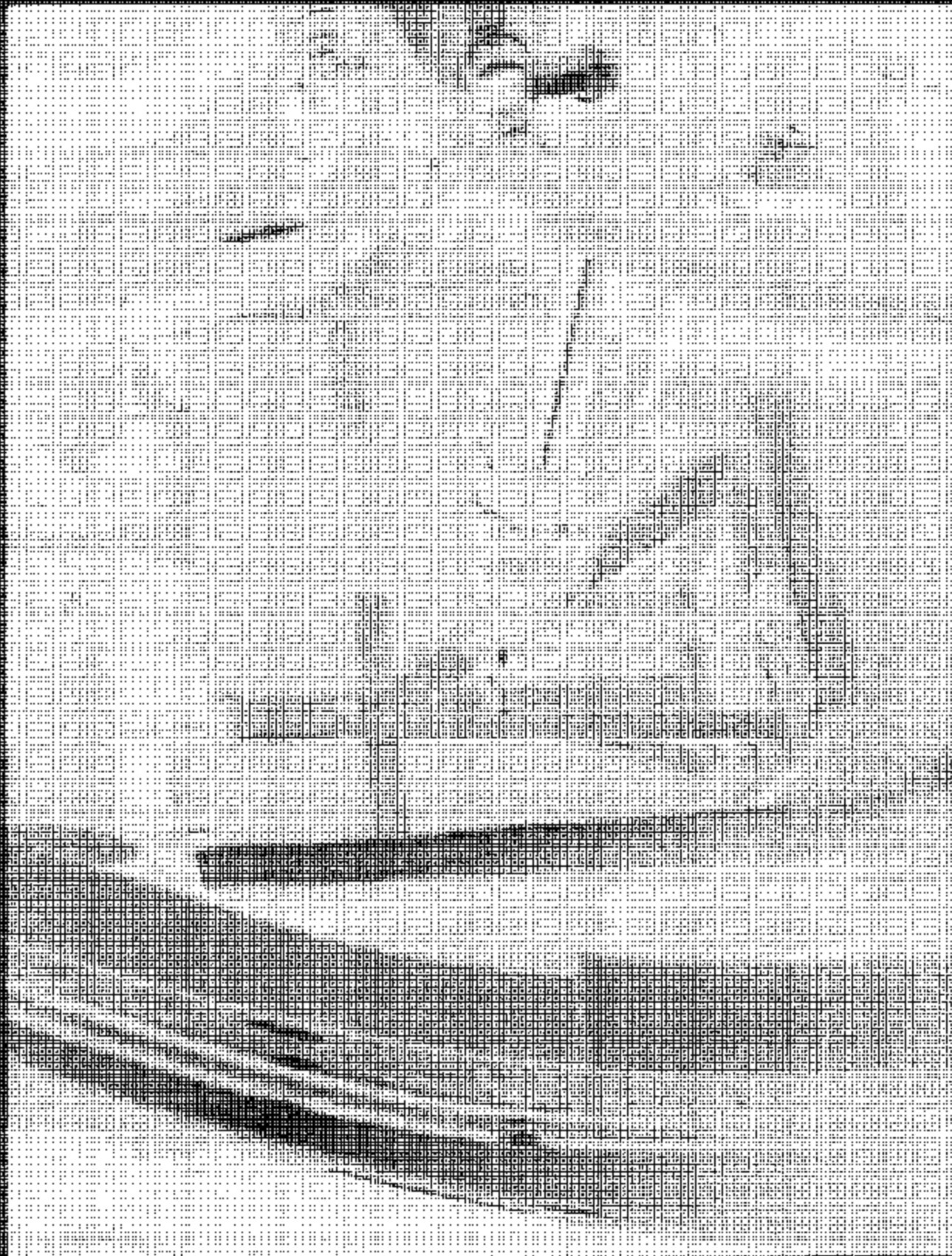


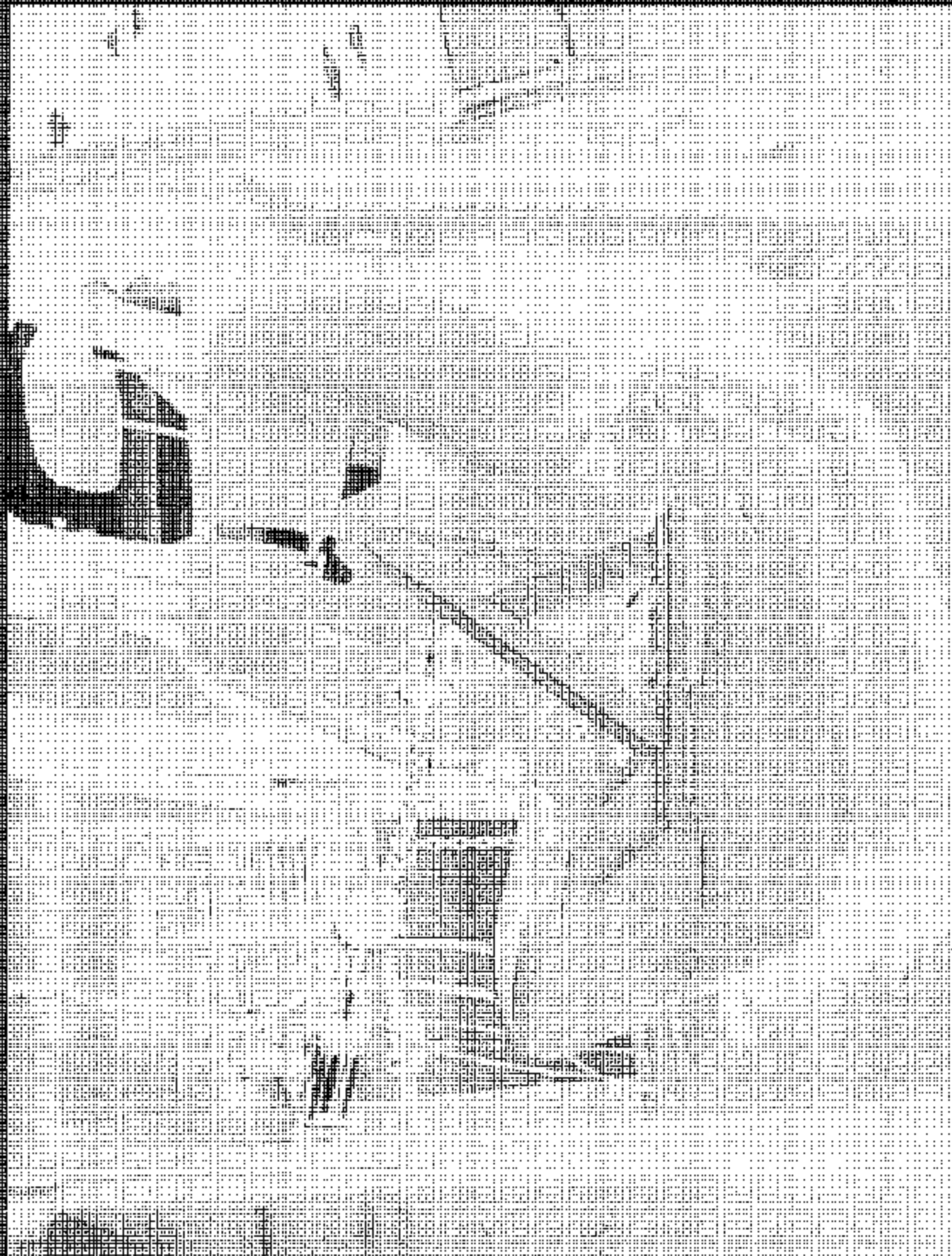
FIGURE 5-32
POST TEST 2ND ROW RIGHT POSITION

2004 FORJ FREESTAR
NHTSA NO. C40203
FMVSS NO. 225



FIGURE 5-34
POST TEST 2nd ROW RIGHT POSITION

20M FORD FREESTAR
NHTSA NO. C40233
FMVSS NO. 225



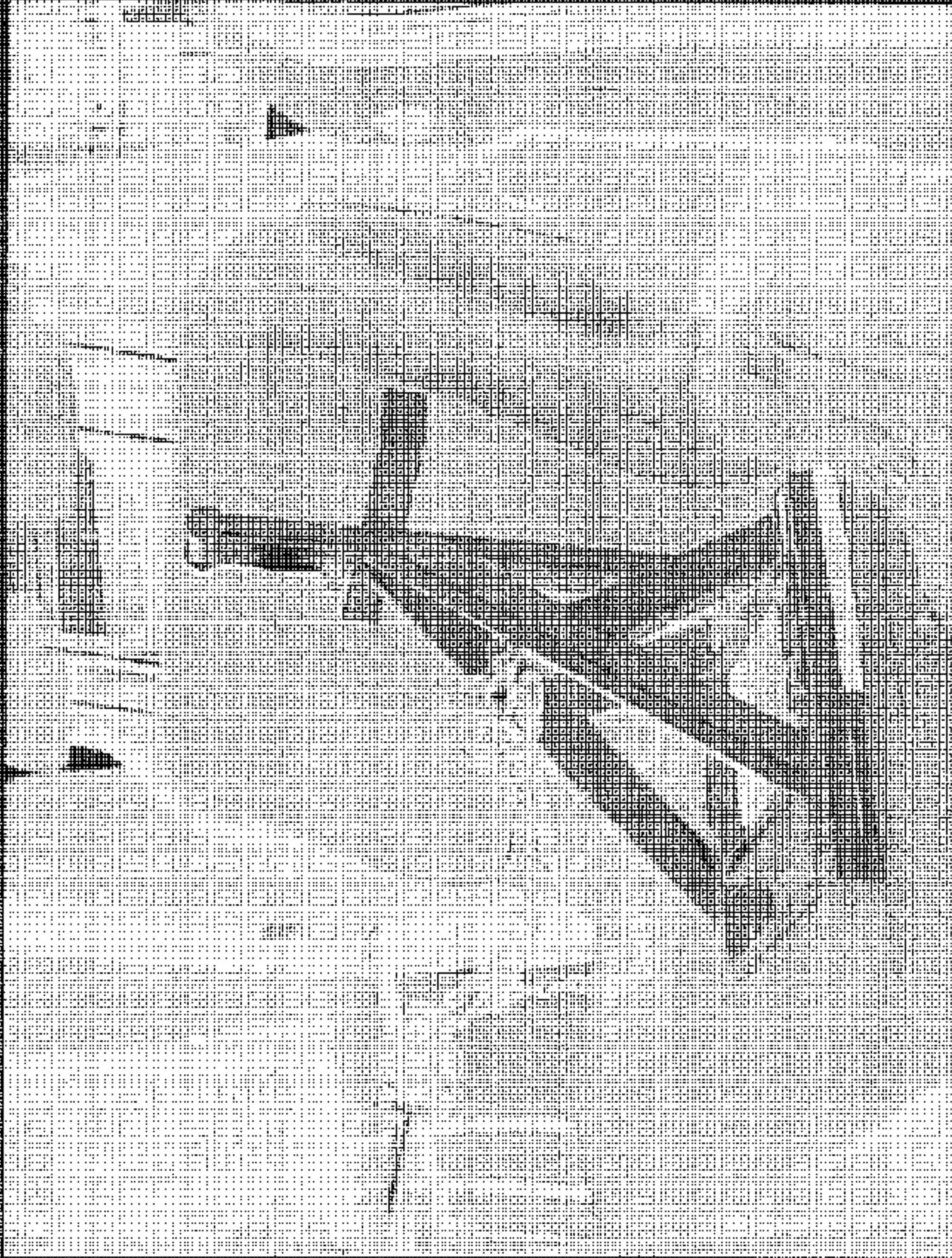
2004 FORD FREESTAR
NHTSA NO. C40203
FAVES NO. 226

FIGURE 5.34
PRE-TEST SET-UP 2ND ROW LEFT POSITION



FIGURE 5.35
PRE-TEST SET-UP 2nd ROW LEFT POSITION

2004 FORM FREESTAR
NHTSA NO. C40203
FMVSS NO. 225



2004 FORD FREESTAR
NHTSA NO. CA9203
FBI/DOJ NO. 225

FIGURE 1.36
POST TEST 2ND ROW LEFT POSITION

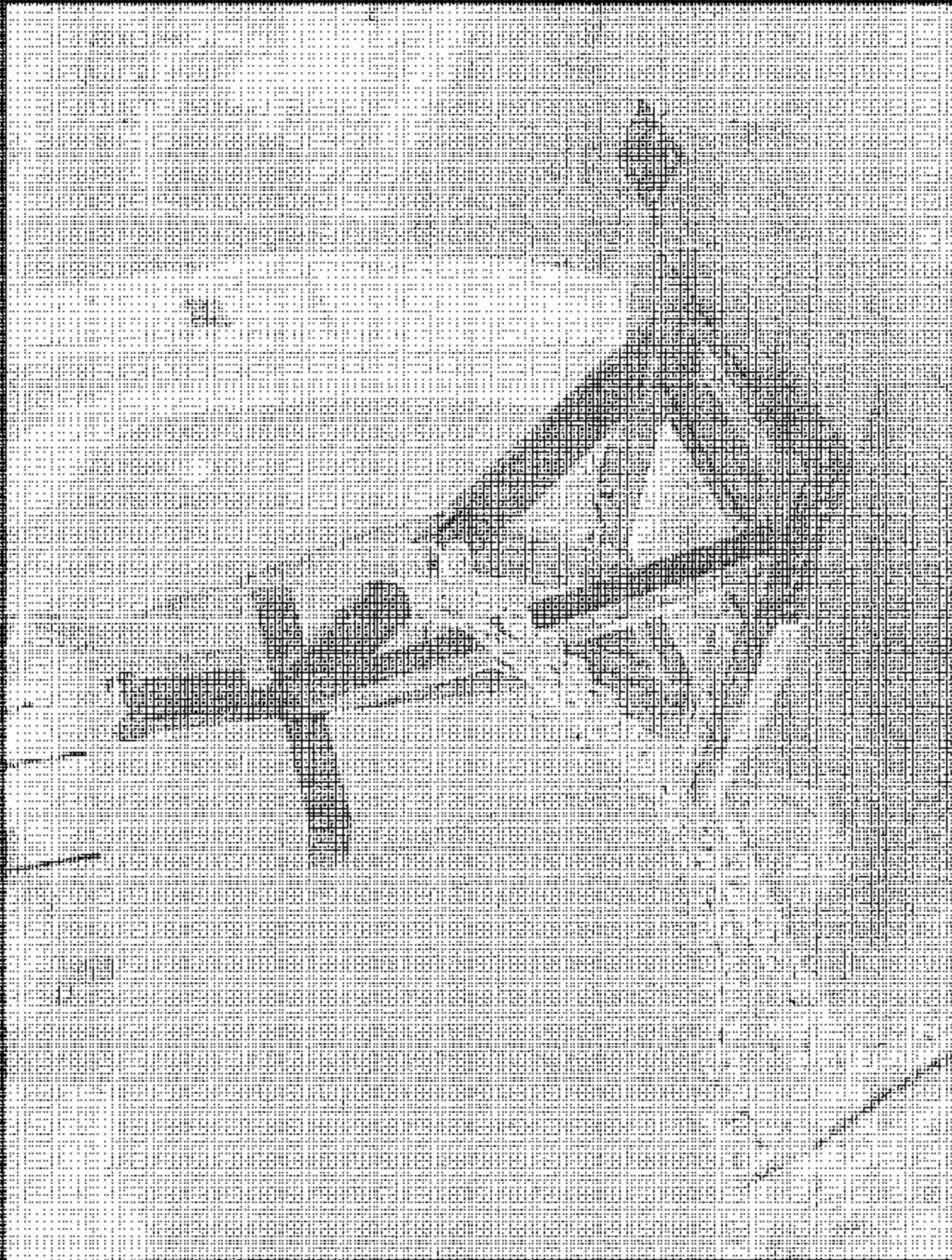
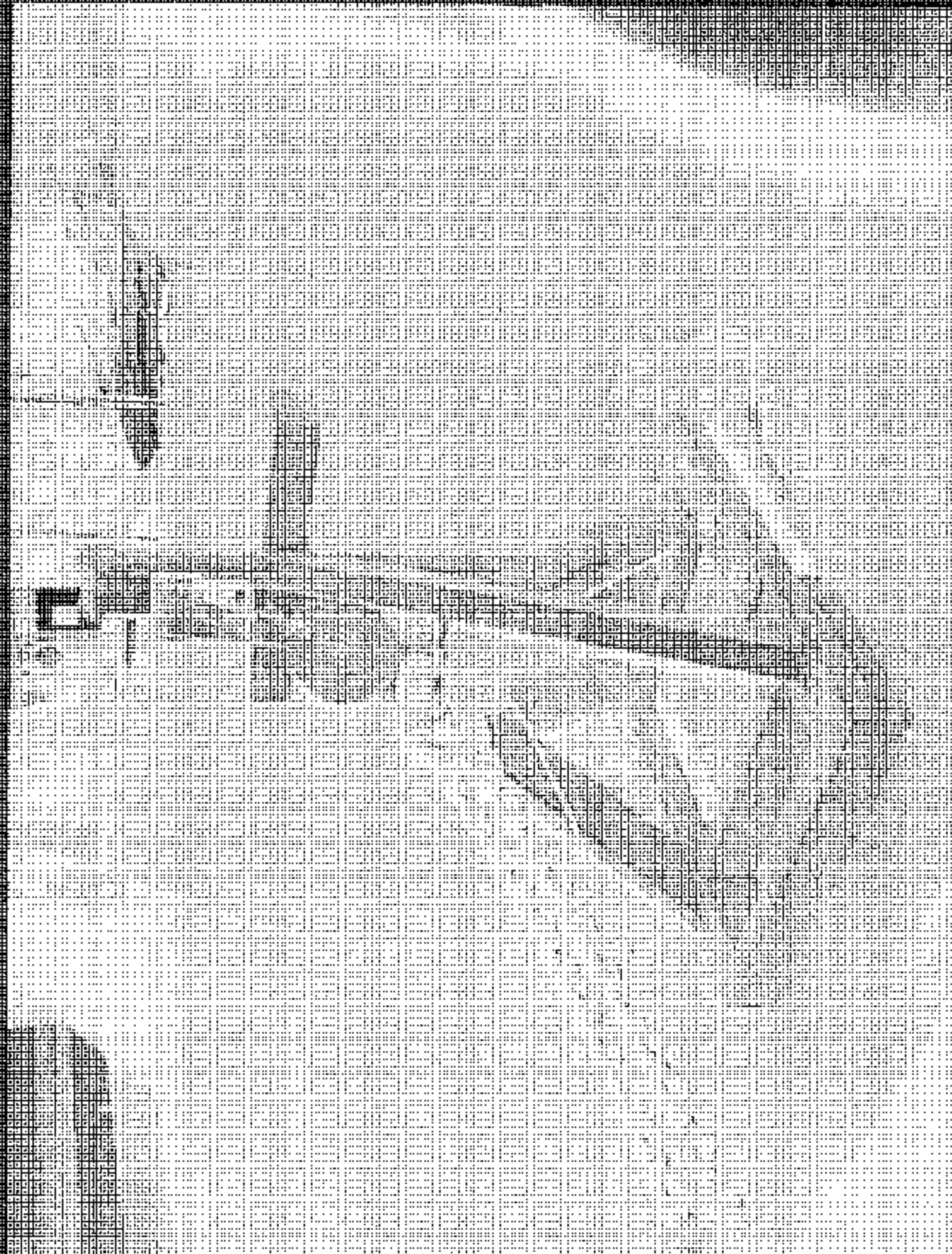


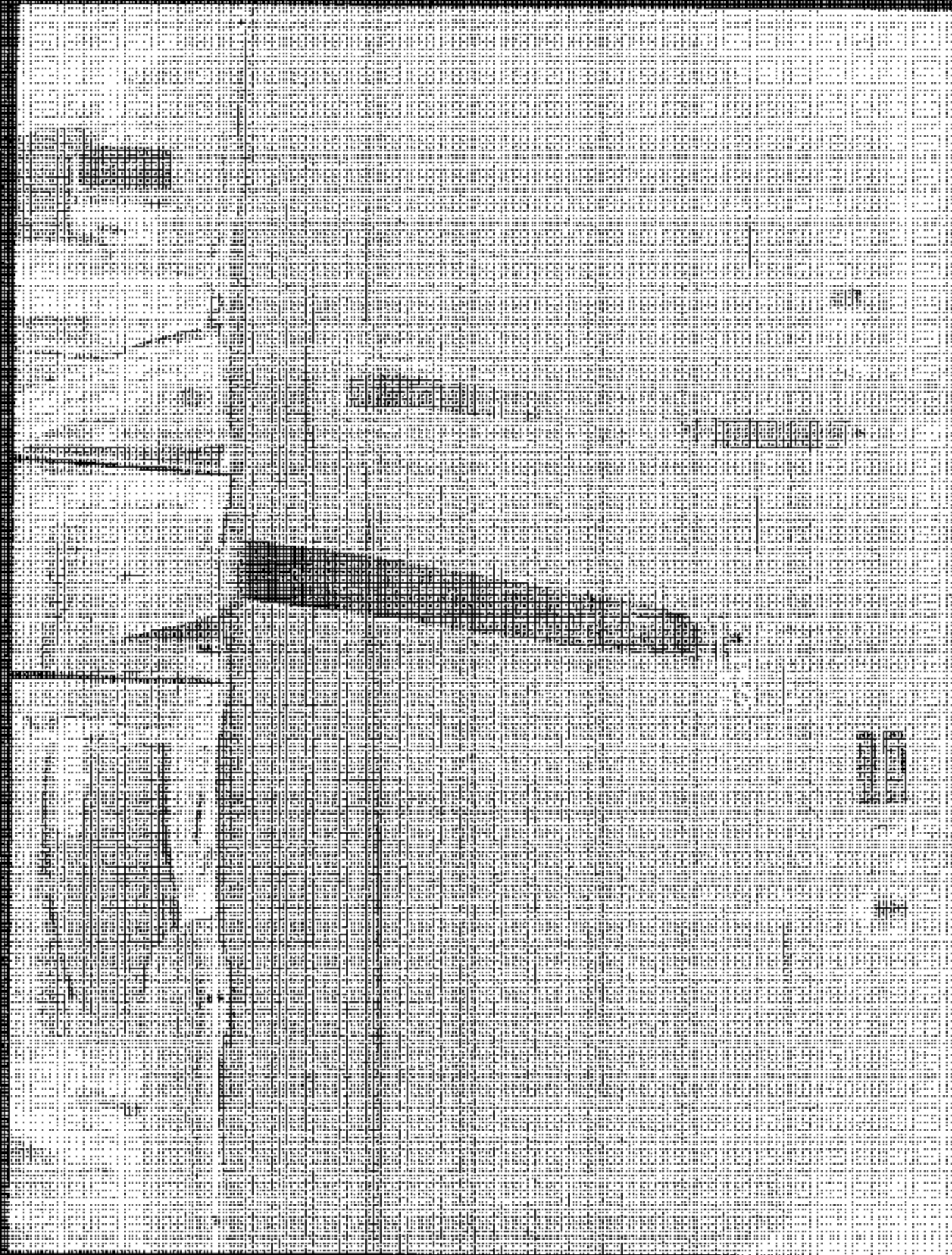
FIGURE 537
POST TEST 2ND ROW LEFT POSITION

2004 FORB FREESTAR
NHTSA NO. CAU203
FMVSS NO. 225



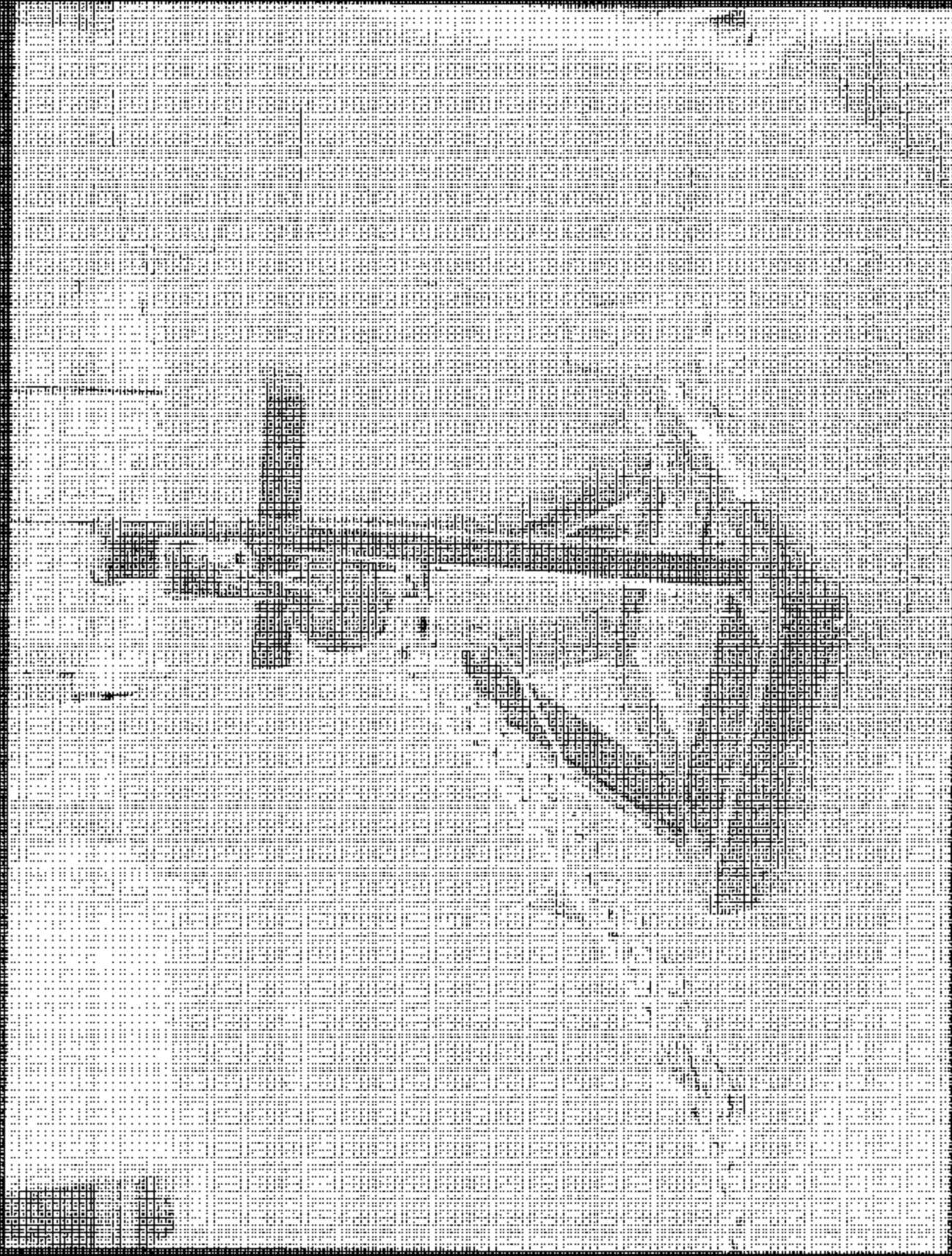
2004 FORD FREESTAR
NHTSA NO. C49203
FMVSS NO. 225

FIGURE 8-38
PRE-TEST SET-UP 3RD ROW CENTER POSITION



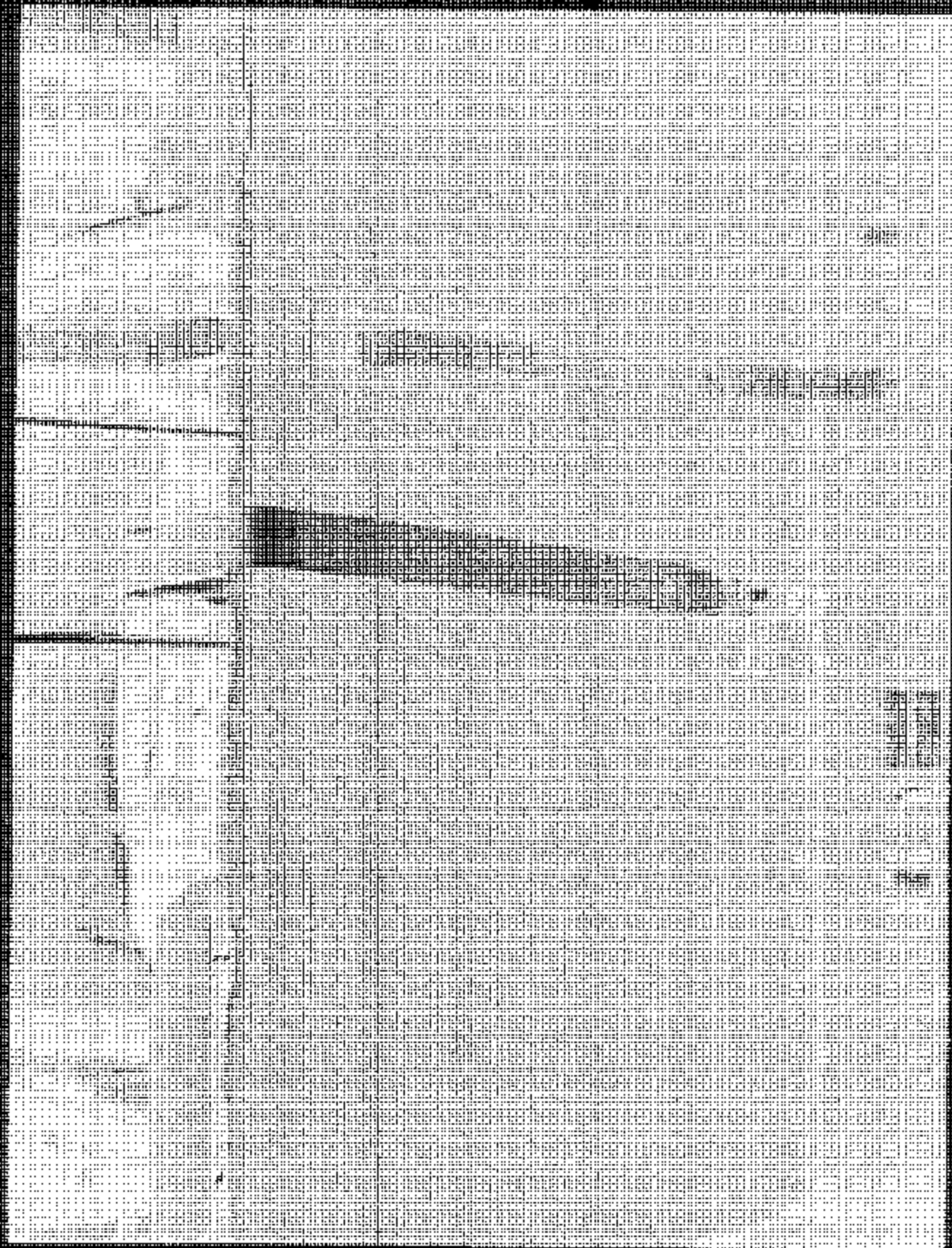
2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 228

FIGURE G-58
PRE-TEST SET-UP 3RD ROW CENTER POSITION



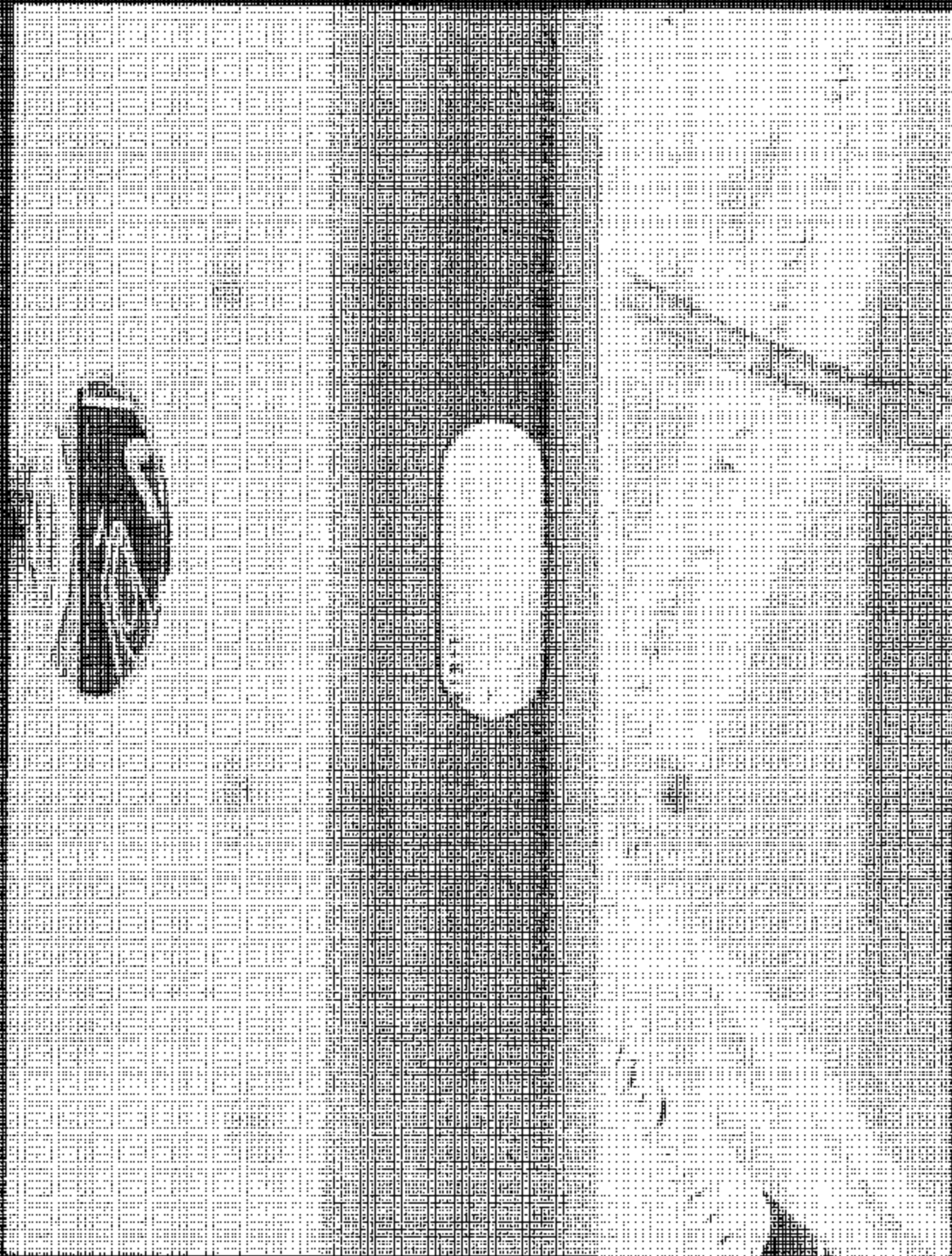
2004 FORD FREESTAR
NHTSA NO. C40203
FVSS NO. 225

FIGURE 5/40
POST TEST 3RD ROW CENTER POSITION



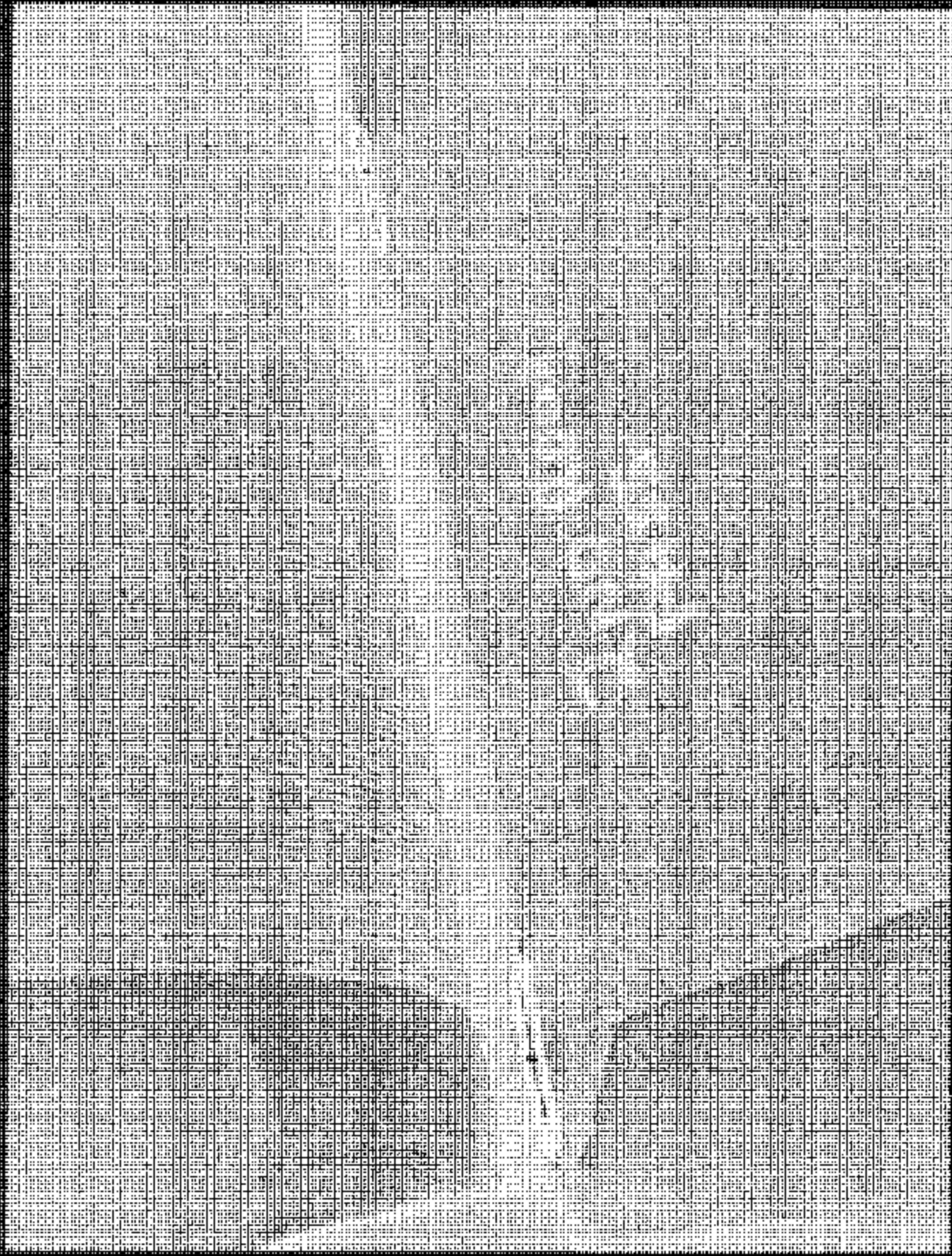
2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 226

FIGURE 6-41
POST TEST 3RD ROW CENTER POSITION



2004 FORD FREESTAR
NHTSA NO. C40263
FIVESS NO. 225

FIGURE 5.42
POST TEST FRONT ROW RIGHT TOP TETHER
ANCHOR



2004 FORD FREESTAR
NHITSA NO. C40203
FMVGS NO. 225

FIGURE 6.43
POST TEST 2"MP ROW RIGHT LOWER ANCHORS

FIGURE 5.44
POST TEST 2"MM ROW PASSENGER TOP
TETHER ANCHOR

2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 228

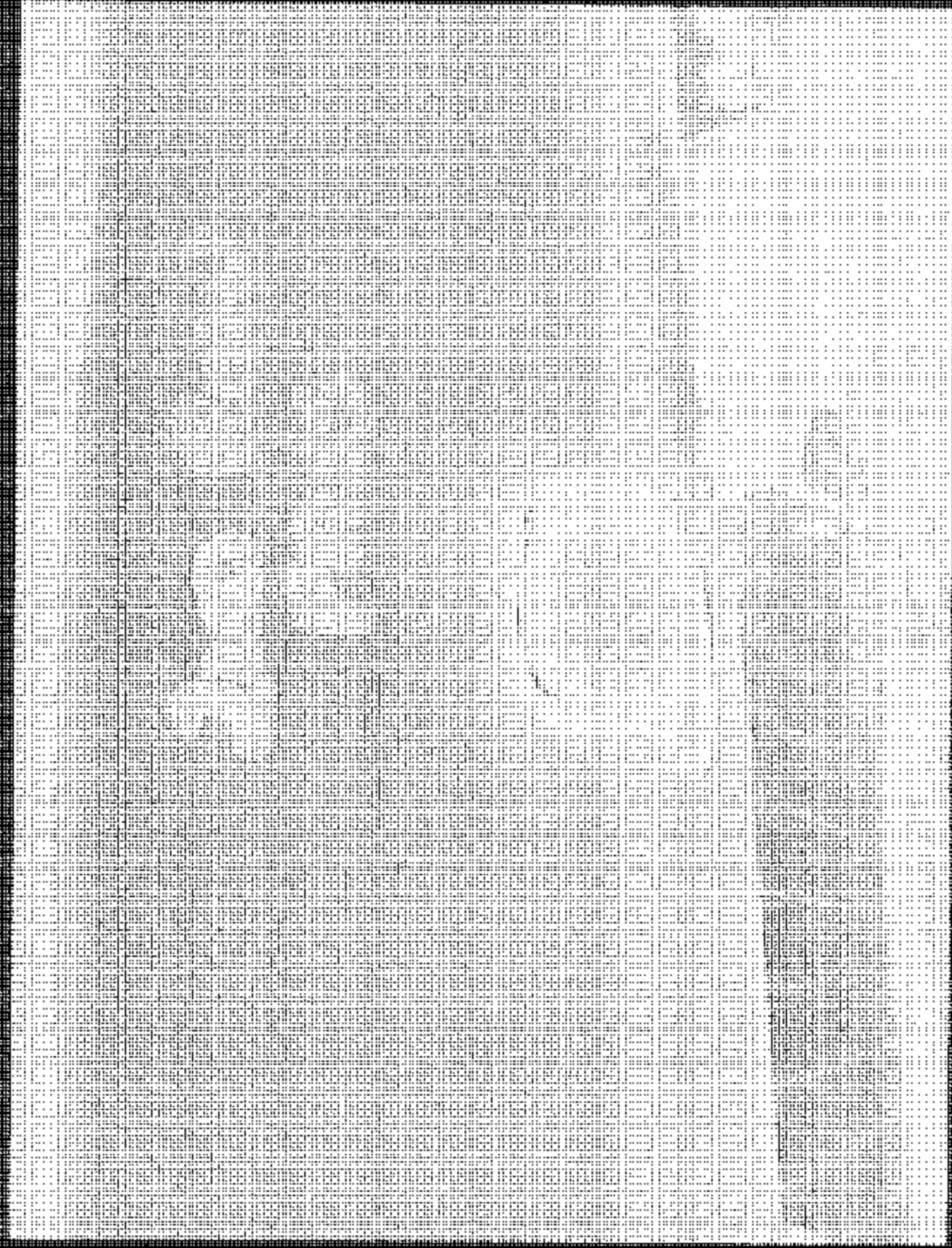


FIGURE 5-45
POST TEST 2nd HOW LEFT LOWER ANCHORS

2004 FORD FREESTAR
NHTSA NO. C40203
FMVSS NO. 225

2004 FORD FREESTAR
NHTSA NO. C40203
FAVSS NO. 226

FIGURE 5.46
POST TEST 2ND ROW LEFT TOP TETHER
ANCHOR



FIGURE 5.47
POST TEST 1ST ROW CENTER LOWER
ANCHORS

2104 FORD FREESTAR
NHTSA NO. C40203
FIAT NO. 226

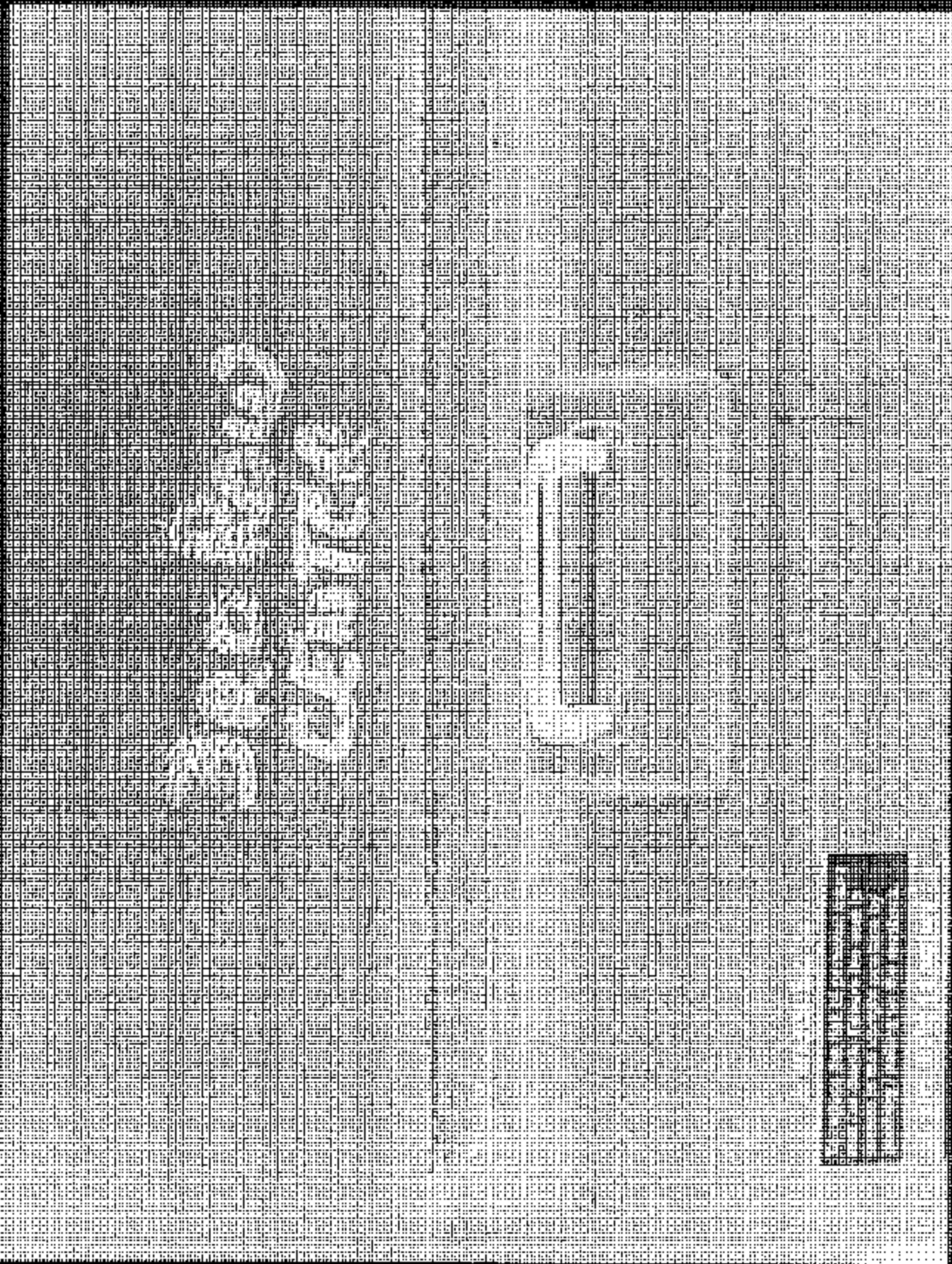


FIGURE 5-53
POST TEST 3rd ROW CENTER TOP TETHER
ANCHOR

2104 FORD FREESTAR
NHTSA NO. C4QZ03
FMVGS NO. 225



FIGURE 149
LOAD SYSTEM CONTROL AND DATA
RECORDING DEVICE IN POSITION

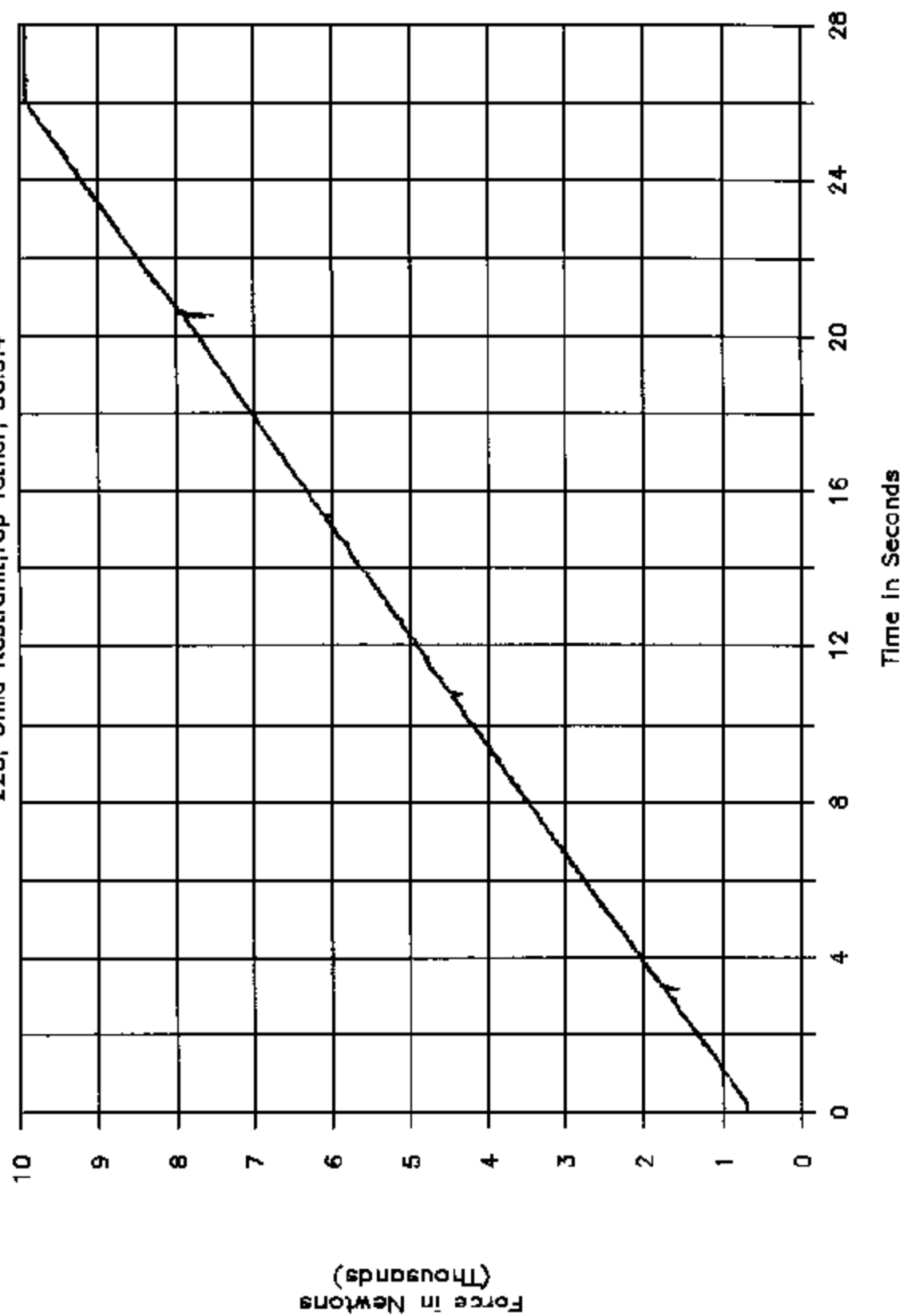
2004 FORD FREESTAR
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FLAVSS NO. 225

SECTION 8

PLOTS

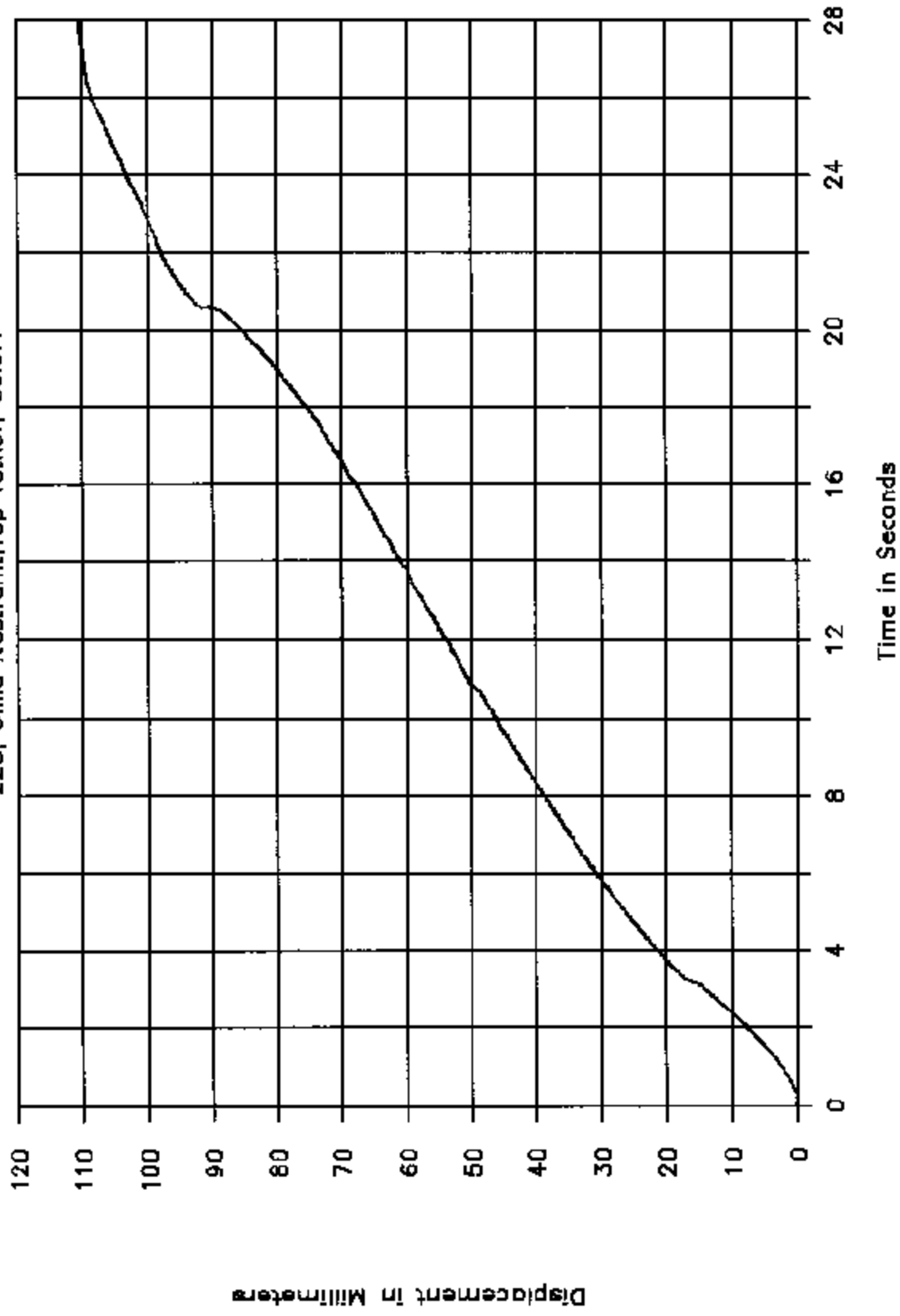
GTL 5220, NHTSA C40203

225, Child Restraint, Top Tether, S6.3.4



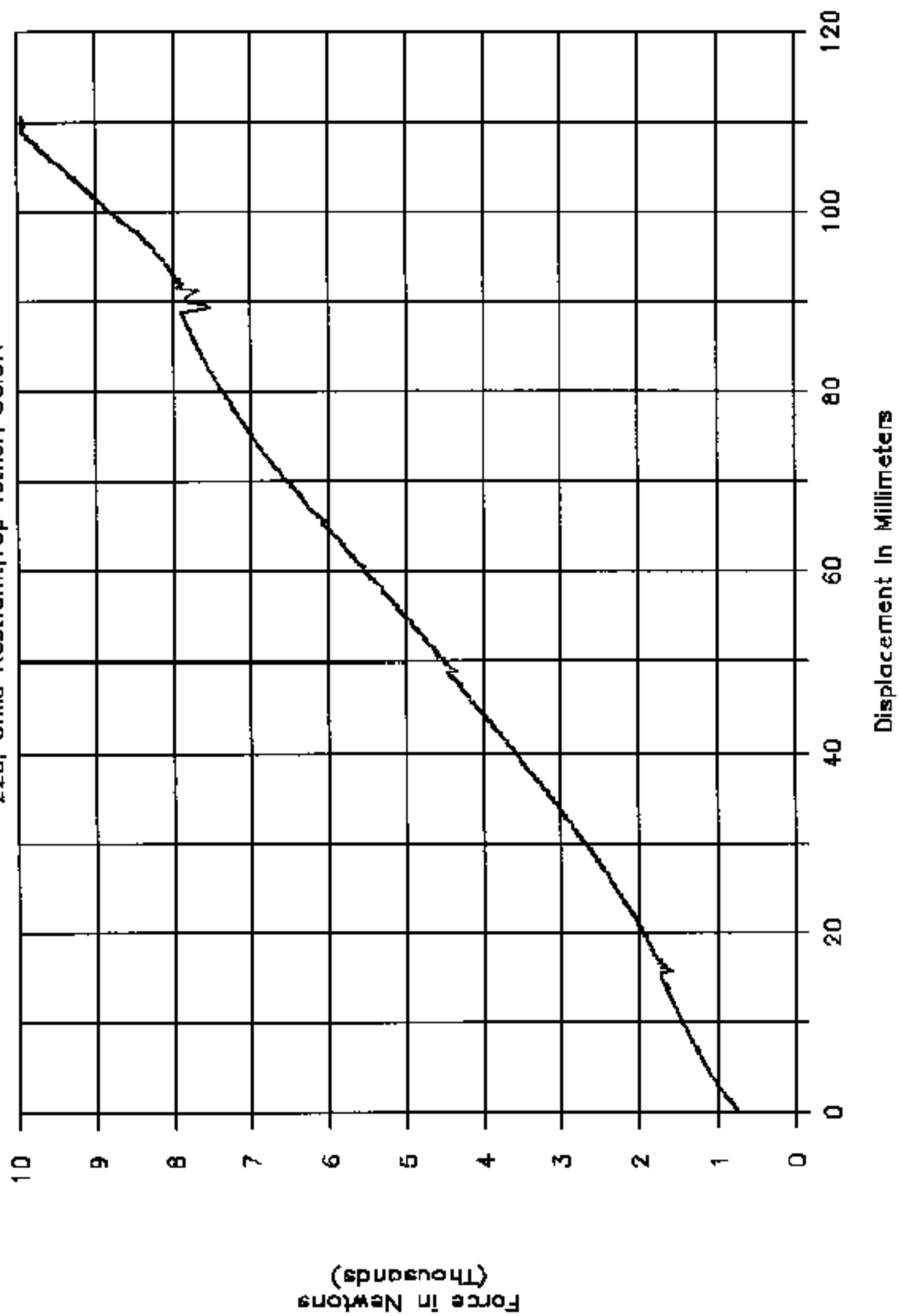
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225, Child Restraint, Top Tether, S6.3.4



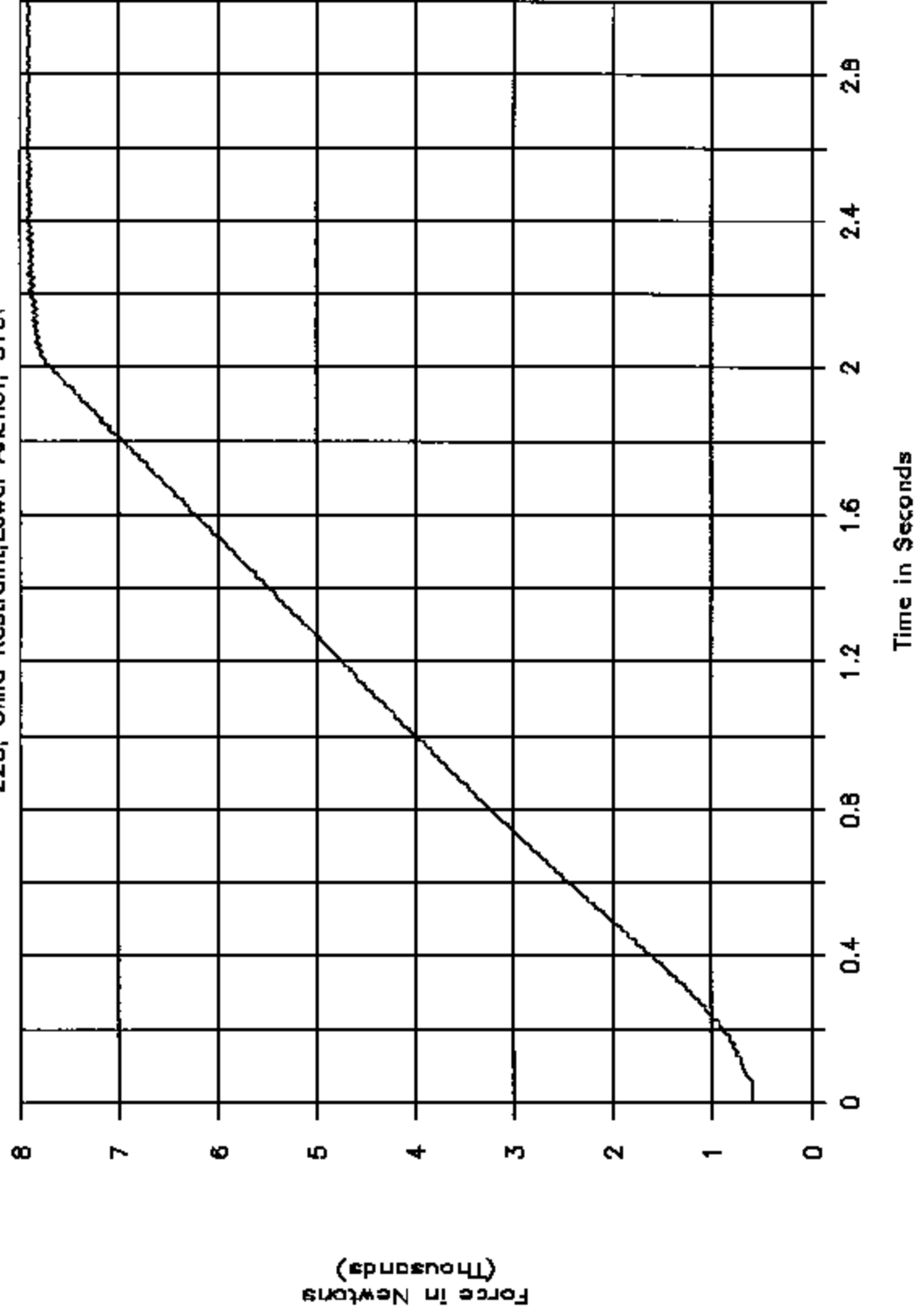
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225, Child Restraint, Top Tether, S6.3.4



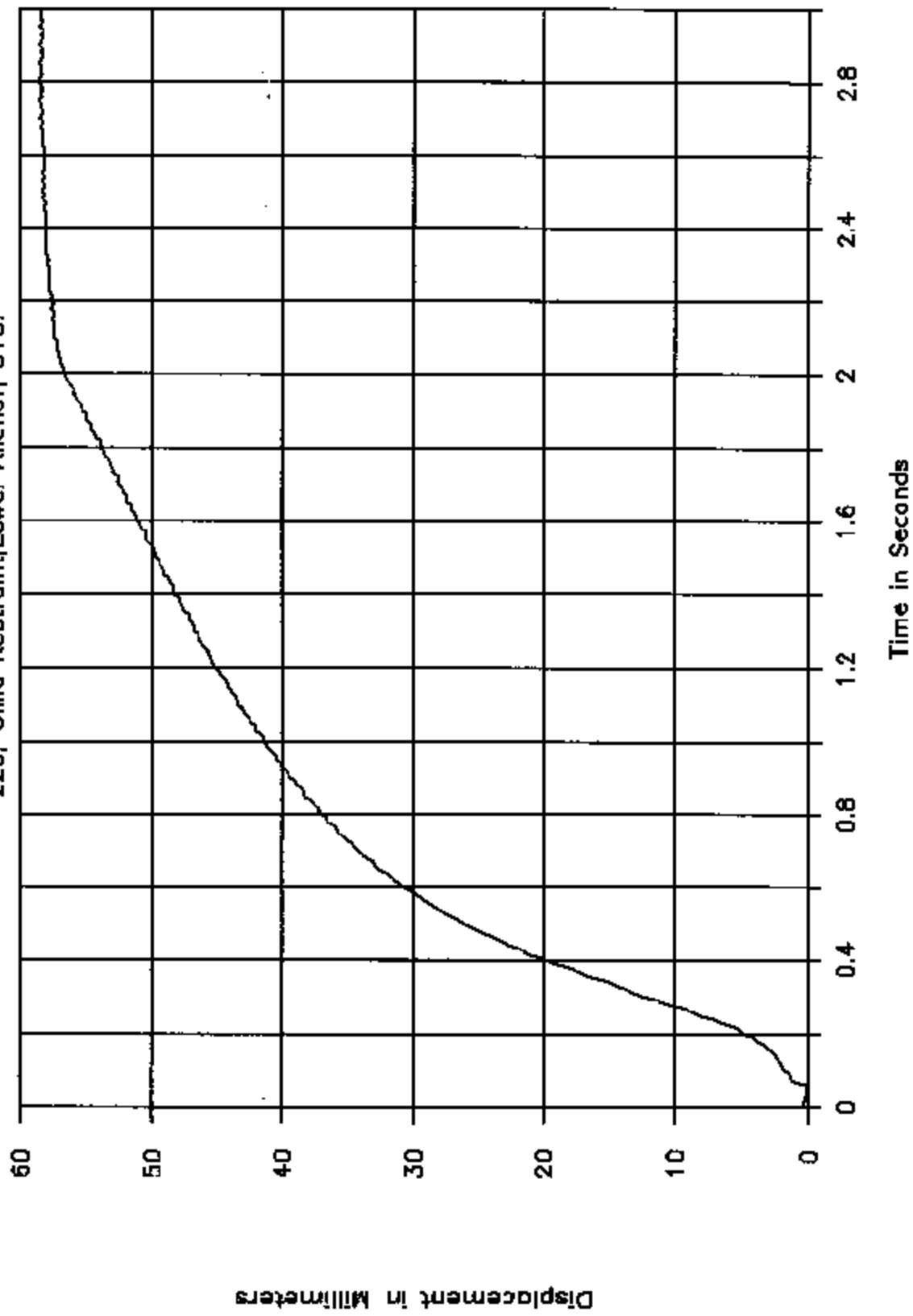
GTL 5221, NHTSA C40203

225, Child Restraint, Lower Anchor, S15.



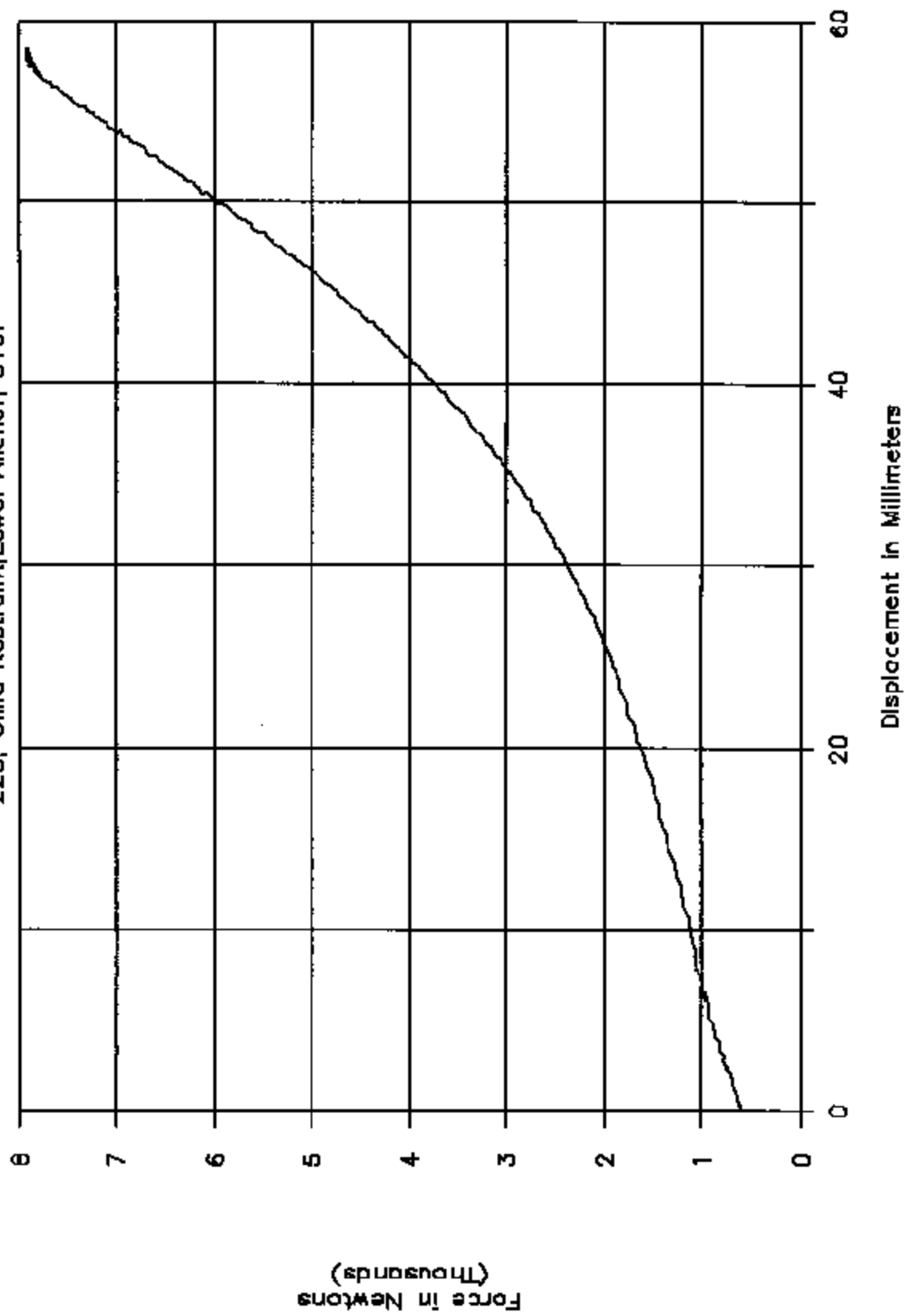
GTL 5221, NHTSA C40203

225, Child Restraint, Lower Anchor, S15.



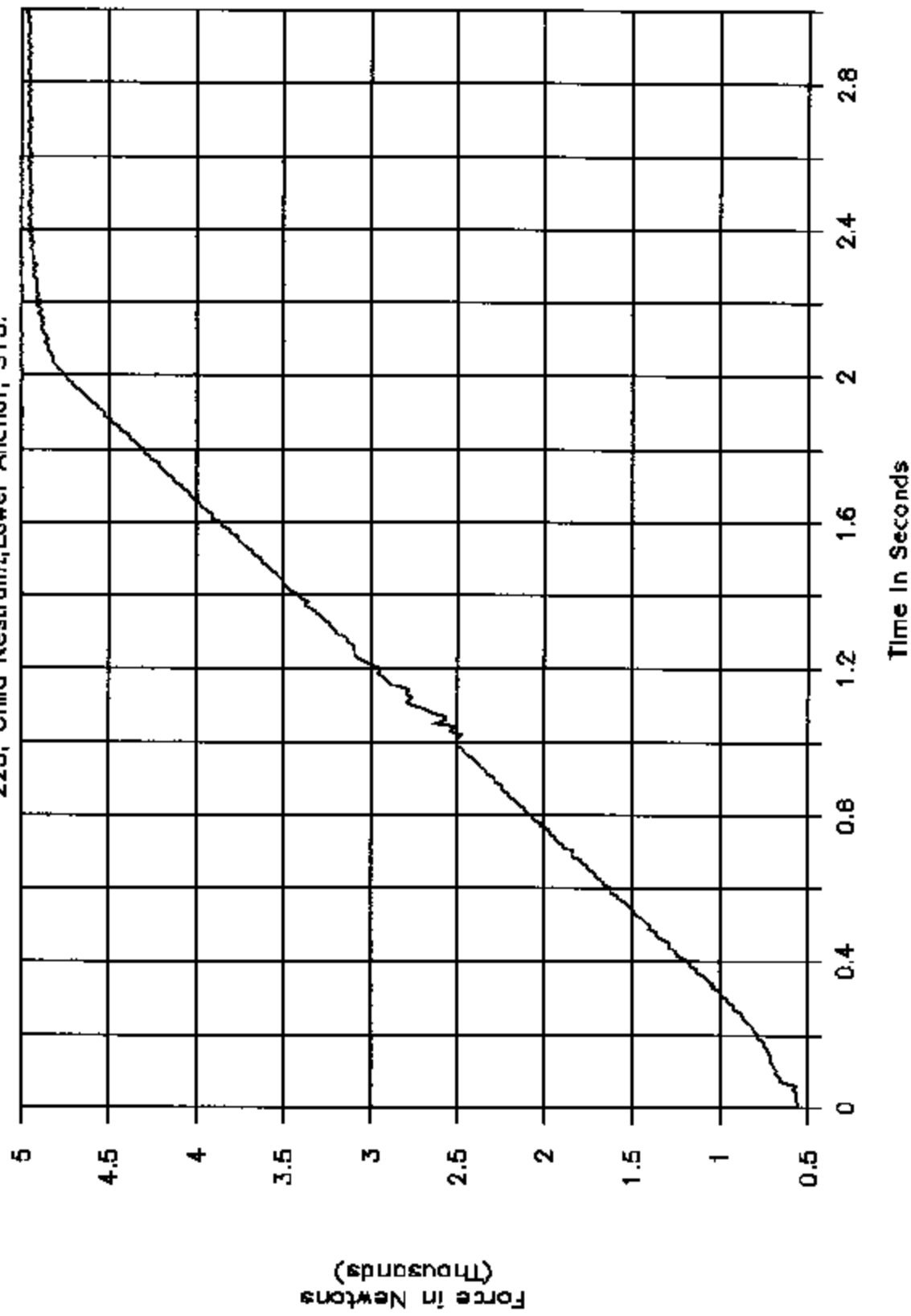
GTL 5221, NHTSA C40203

225, Child Restraint, Lower Anchor, S15.



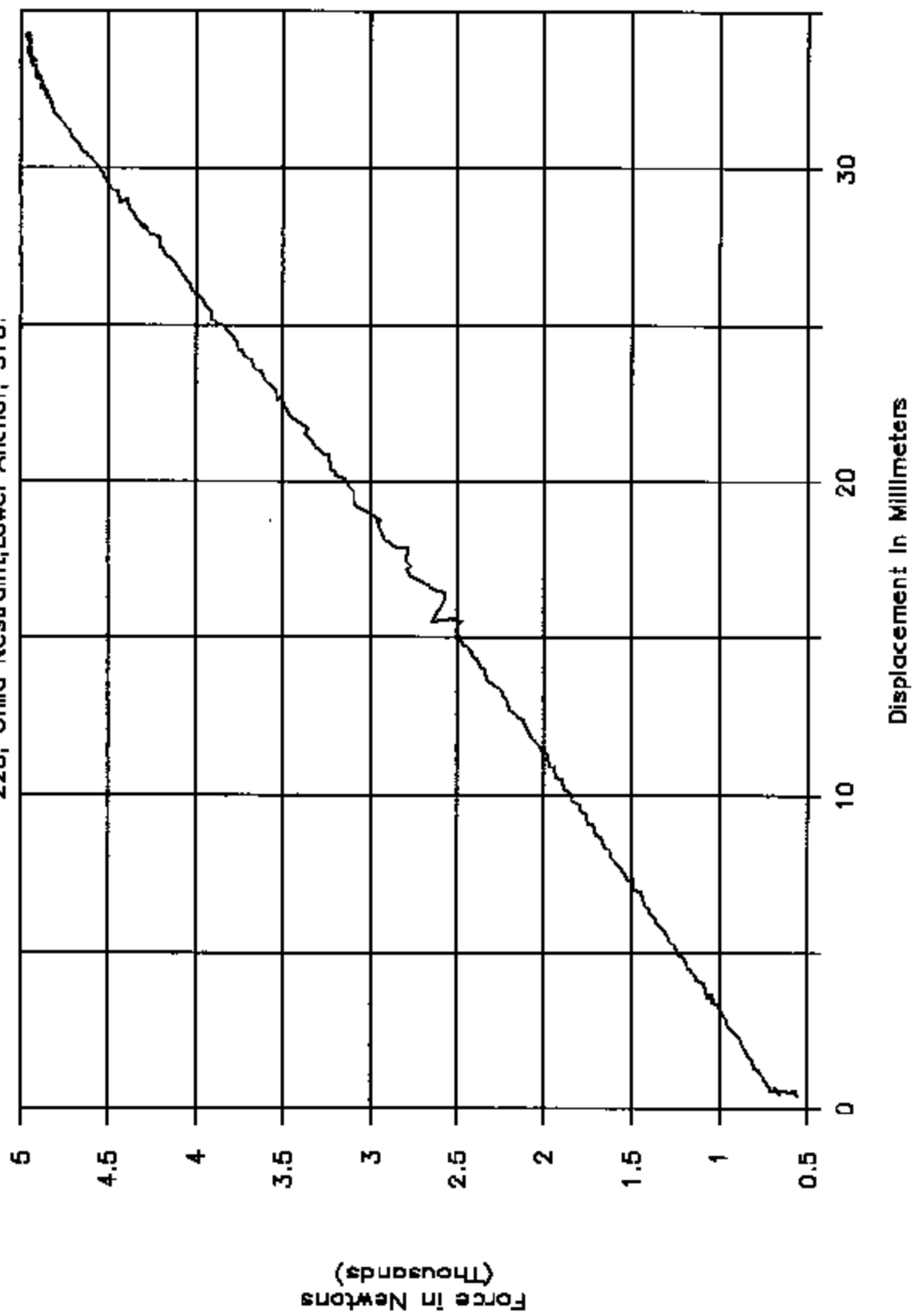
GTL 5222, NHTSA C40203

225, Child Restraint, Lower Anchor, S15.



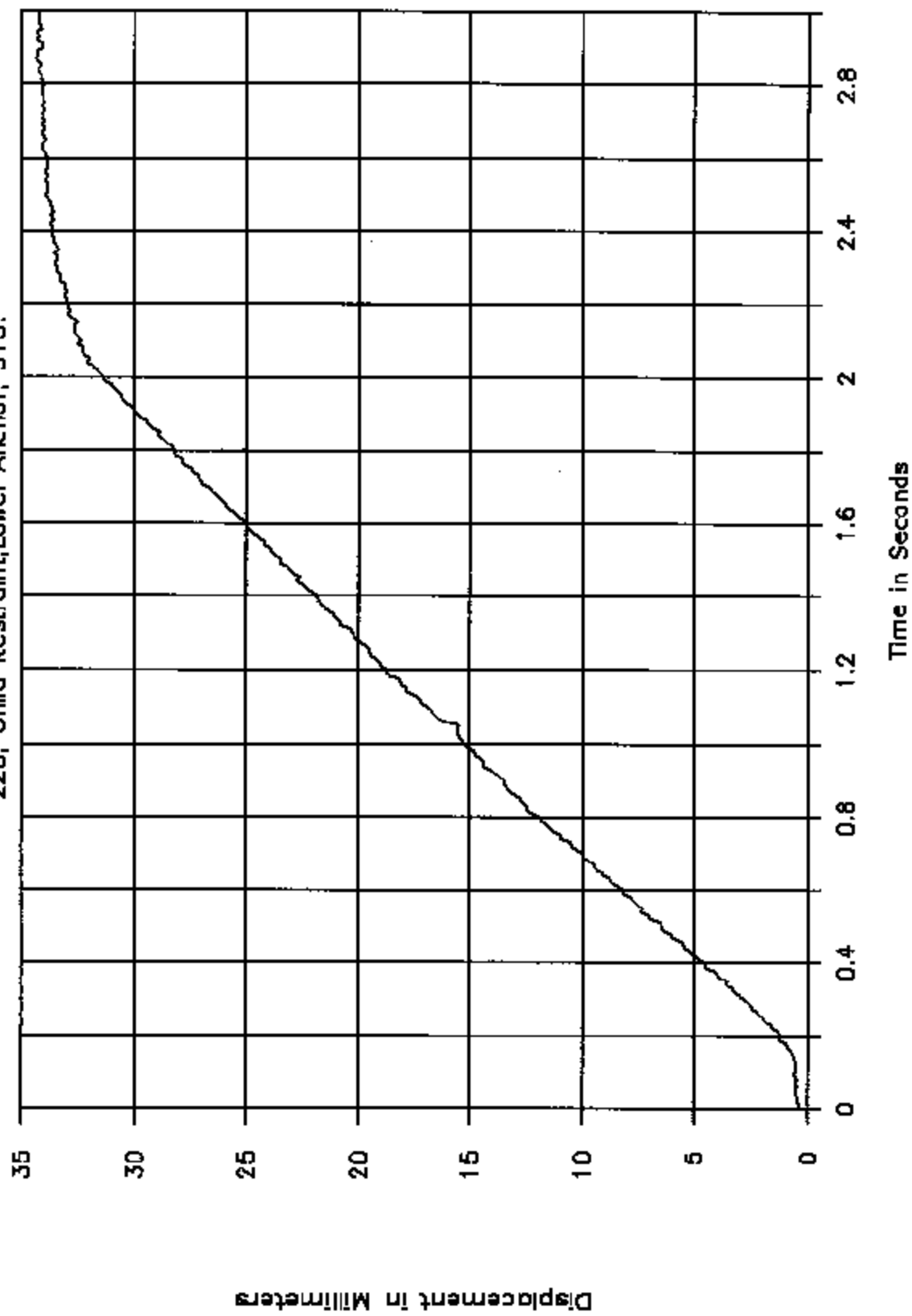
GTL 5222, NHTSA C40203

225, Child Restraint, Lower Anchor, S15.



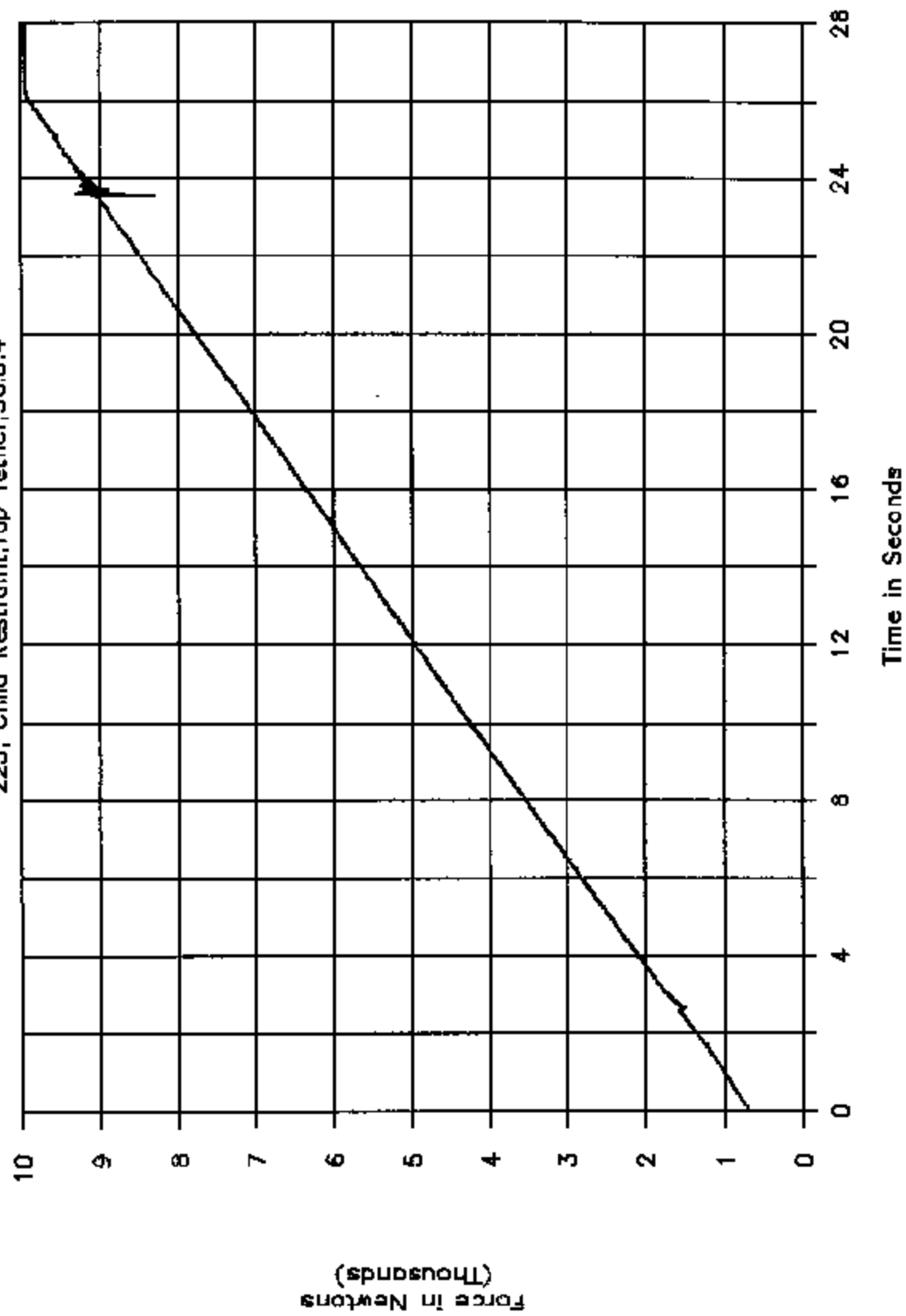
GTL 5222, NHTSA C40203

225, Child Restraint, Lower Anchor, S15.



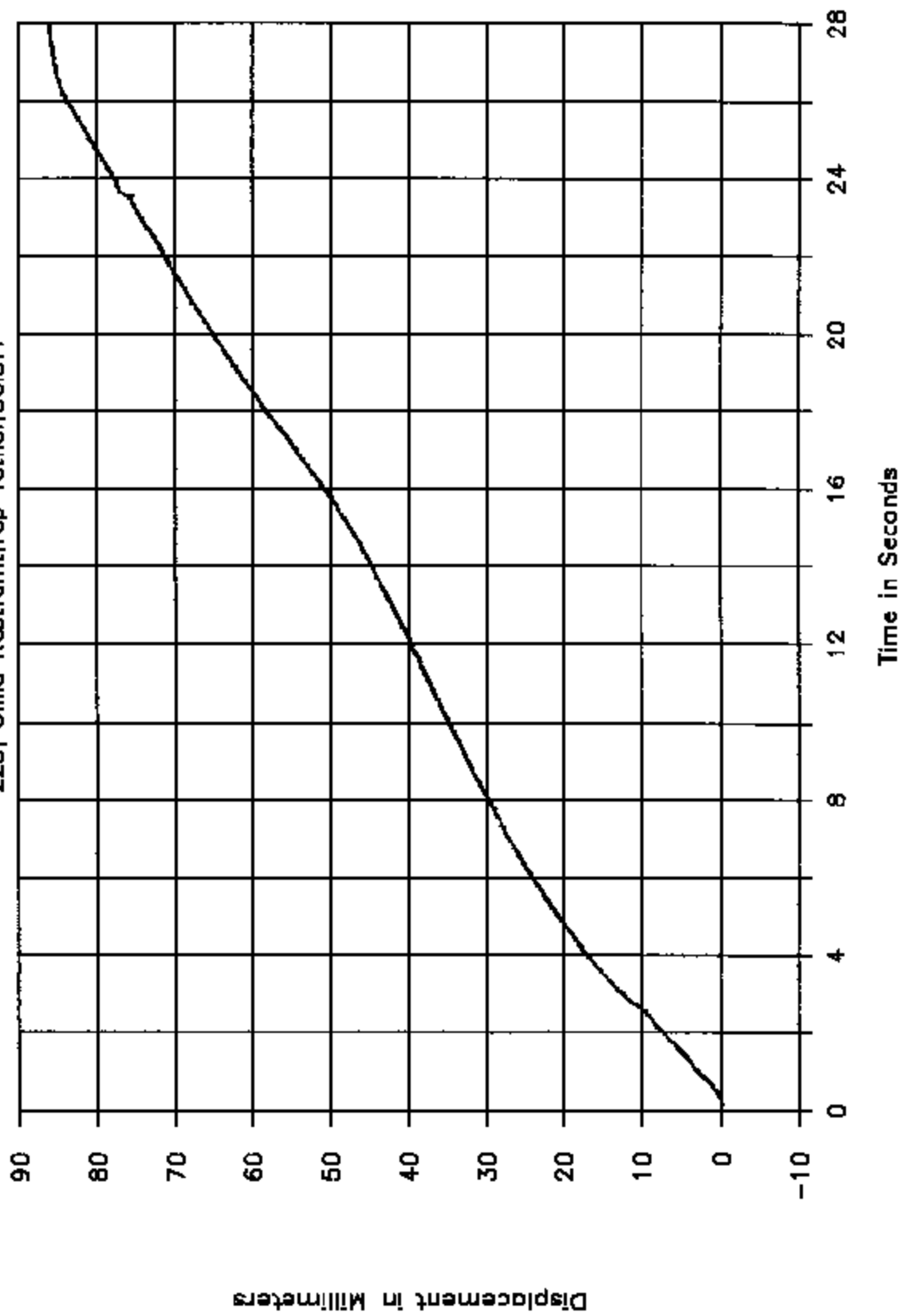
GTL 5223, NHTSA C40Z03

225, Child Restraint, Top Tether, S6.3.4



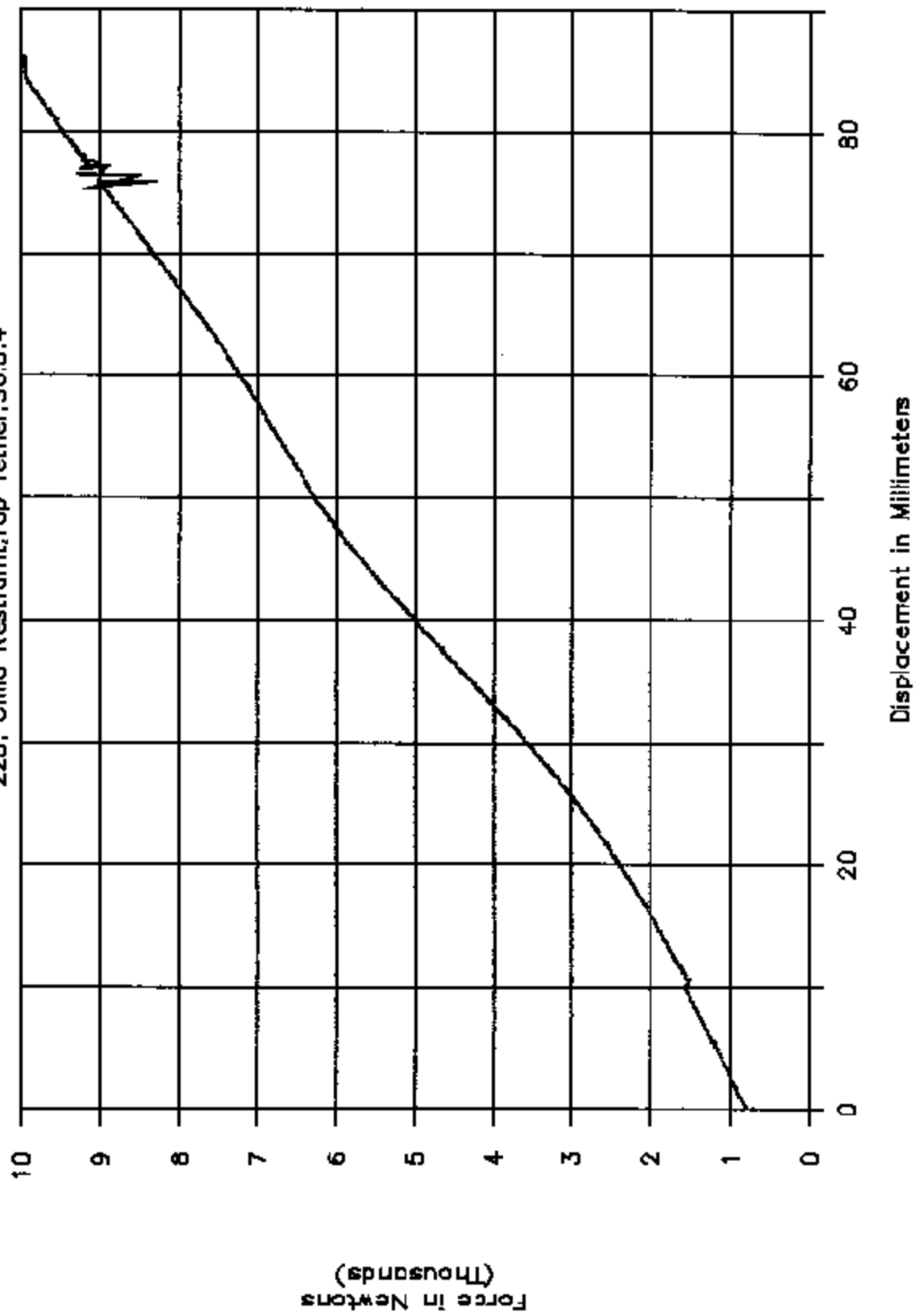
GTL 5223, NHTSA C40203

225, Child Restraint, Top Tether, S6.3.4



GTL 5223, NHTSA C40203

225, Child Restraint, Top Tether, S6.3.4



APPENDIX A

OWNER'S MANUAL CHILD RESTRAINT INFORMATION

Seating and Safety Restraints

 Never let a passenger hold a child on his or her lap while the vehicle is moving. The passenger cannot protect the child from injury in a collision.

Always follow the instructions and warnings that come with any infant or child restraint you might use.

Children and safety belts

If the child is the proper size, restrain the child in a safety seat. Children who are too large for child safety seats (as specified by your child safety seat manufacturer) should always wear safety belts.

Follow all the important safety restraint and air bag precautions that apply to adult passengers in your vehicle.

If the shoulder belt portion of a combination lap and shoulder belt can be positioned so it does not cross or rest in front of the child's face or neck, the child should wear the lap and shoulder belt. Moving the child closer to the center of the vehicle may help provide a good shoulder belt fit.

 Do not leave children, unreliable adults, or pets unattended in your vehicle.

Child booster seats

Children outgrow a typical convertible or toddler seat when they weigh 40 pounds and are around 4 years of age. Although the lap/shoulder belt will provide some protection, these children are still too small for lap/shoulder belts to fit properly, which could increase the risk of serious injury.

To improve the fit of both the lap and shoulder belt on children who have outgrown child safety seats, Ford Motor Company recommends use of a belt-positioning booster.

Booster seats position a child so that safety belts fit better. They lift the child up so that the lap belt rests low across the hips and the knees bend comfortably. Booster seats also make the shoulder belt fit better and more comfortably for growing children.

When children should use booster seats

Children need to use booster seats from the time they outgrow the toddler seat until they are big enough for the vehicle seat and lap/shoulder belt to fit properly. Generally this is when they weigh about 80 lbs (about 8 to 12 years old).

Seating and Safety Restraints

Booster seats should be used until you can answer YES to ALL of these questions:

- Can the child sit all the way back against the vehicle seat back with knees bent comfortably at the edge of the seat without slouching?



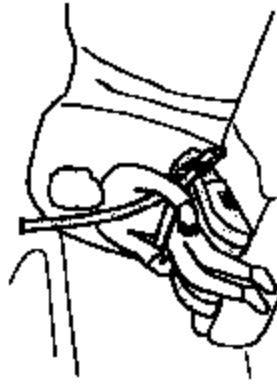
- Does the lap belt rest low across the hips?
- Is the shoulder belt centered on the shoulder and chest?
- Can the child stay seated like this for the whole trip?

Types of booster seats

There are two types of belt-positioning booster seats:

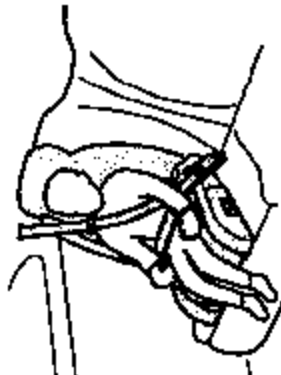
- Those that are backless.

If your backless booster seat has a removable shield, remove the shield and use the lap/shoulder belt. If a seating position has a low seat back and no head restraint, a backless booster seat may place your child's head (top of ear level) above the top of the seat. In this case, move the backless booster to another seating position with a higher seat back and lap/shoulder belts.



- Those with a high back.

If, with a backless booster seat, you cannot find a seating position that adequately supports your child's head, a high back booster seat would be a better choice.



Both can be used in any vehicle in a seating position equipped with lap/shoulder belts if your child is over 40 lbs.

Seating and Safety Restraints

The shoulder belt should cross the chest, resting snugly on the center of the shoulder. The lap belt should rest low and snug across the hips, never up high across the stomach.

If the booster seat slides on the vehicle seat, placing a rubberized mesh sold as shelf or carpet liner under the booster seat may improve this condition.

The importance of shoulder belts

Using a booster without a shoulder belt increases the risk of a child's head hitting a hard surface in a collision. For this reason, you should never use a booster seat with a lap belt only. It is best to use a booster seat with lap/shoulder belts in the back seat—the safest place for children to ride.



Follow all instructions provided by the manufacturer of the booster seat.



Never put the shoulder belt under a child's arm or behind the back because it eliminates the protection for the upper part of the body and may increase the risk of injury or death in a collision.



Never use pillows, books, or towels to boost a child. They can slide around and increase the likelihood of injury or death in a collision.

SAFETY SEATS FOR CHILDREN



Child and infant or child safety seats

Use a safety seat that is recommended for the size and weight of the child. Carefully follow all of the manufacturer's instructions with the

Seating and Safety Restraints

safety seat you put in your vehicle. If you do not install and use the safety seat properly, the child may be injured in a sudden stop or collision.

When installing a child safety seat:

- Review and follow the information presented in the *Air Bag Supplemental Restraint System* section in this chapter.
- Use the correct safety belt buckle for that seating position.
- Insert the belt tongue into the proper buckle until you hear a snap and feel it latch. Make sure the tongue is securely fastened in the buckle.
- Keep the buckle release button pointing up and away from the safety seat, with the tongue between the child seat and the release button, to prevent accidental unbuckling.
- Place seat back in upright position.
- LATCH lower anchors are recommended for use by children up to 22 kg (48 pounds) in a child restraint. Top tether anchors can be used for children up to 27 kg (60 pounds) in a child restraint, and to provide upper torso restraint for children up to 33 kg (80 pounds) using an upper torso harness and a belt-positioning booster.

Ford recommends the use of a child safety seat having a top tether strap. Install the child safety seat in a seating position with LATCH and tether anchors. For more information on top tether straps and anchors, refer to *Attaching safety seats with tether straps* in this chapter. For more information of LATCH anchors refer to *Attaching safety seats with LATCH (Lower Anchors and Tethers for Children) attachments* in this chapter.

Carefully follow all of the manufacturer's instructions included with the safety seat you put in your vehicle. If you do not install or use the safety seat properly, the child may be injured in a sudden stop or collision.

Installing child safety seats with combination lap and shoulder belts



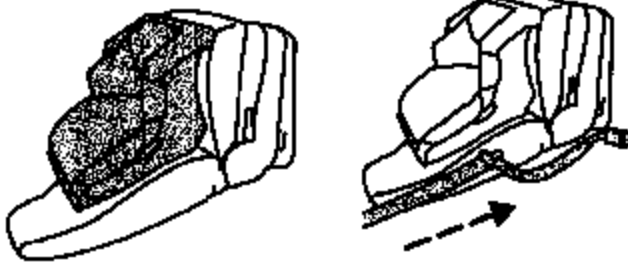
⚠ If your car has a fold-down seat, make sure the seat is fully extended and locked before installing the child seat. If you have a fold-down seat, make sure the seat is fully extended and locked before installing the child seat. If you have a fold-down seat, make sure the seat is fully extended and locked before installing the child seat.



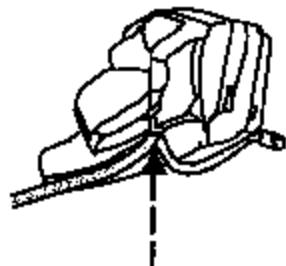
⚠ Check the car seat's instructions for proper installation. If the car seat's instructions do not match the instructions on this page, follow the car seat's instructions.

1. Position the child safety seat in a seat with a combination lap and shoulder belt. If you use the 3rd row center seat and the safety belt has been detached from the seat to carry large cargo, remove the safety belt from the stowage area on the ceiling and buckle the small tongue on the end of the belt to the mini-buckle on the left side of the center seat position.

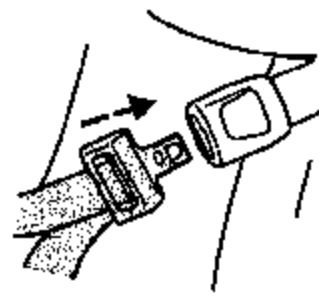
2. Pull down on the shoulder belt and then grasp the shoulder belt and lap belt together.



3. While holding the shoulder and lap belt portions together, route the tongue through the child seat according to the child seat manufacturer's instructions. Be sure the belt webbing is not twisted.



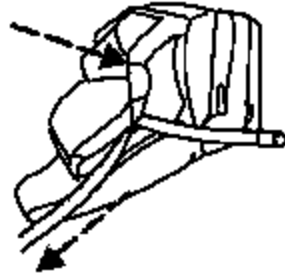
4. Insert the belt tongue into the proper buckle (the buckle closest to the direction the tongue is coming from) for that seating position until you hear a snap and feel the latch engage. Make sure the tongue is latched securely by pulling on it.



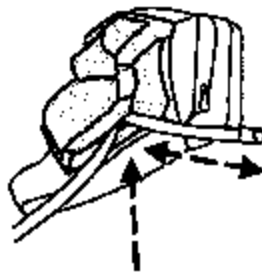
5. To put the retractor in the automatic locking mode, grasp the shoulder portion of the belt and pull downward until all of the belt is pulled out and a click is heard.



6. Allow the belt to retract. The belt will click as it retracts to indicate it is in the automatic locking mode.



7. Pull the lap belt portion across the child seat toward the buckle and pull up on the shoulder belt while pushing down with your knee on the child seat.



8. Allow the safety belt to retract to remove any slack in the belt.

9. Before placing the child in the seat, forcibly move the seat forward and back to make sure the seat is securely held in place. To check this, grab the seat at the belt path and attempt to move it side to side and forward. There should be no more than one inch of movement for proper installation.

10. Try to pull the belt out of the retractor to make sure the retractor is in the automatic locking mode (you should not be able to pull more belt out). If the retractor is not locked, unbuckle the belt and repeat steps two through nine.

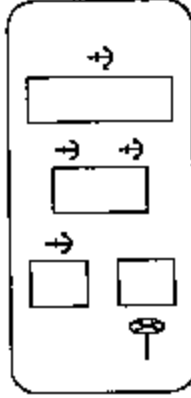
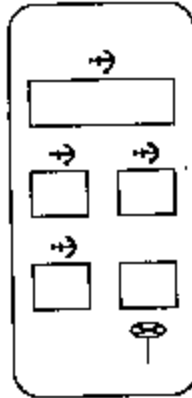
Check to make sure the child seat is properly secured before each use.

Attaching child safety seats with tether straps

Most new forward-facing child safety seats include a tether strap which goes over the back of the seat and hooks to an anchoring point. Tether straps are available as an accessory for many older safety seats. Contact the manufacturer of your child seat for information about ordering a tether strap.

⚠ Children should be placed in the rear in an appropriate child safety seat that is properly secured to the vehicle.

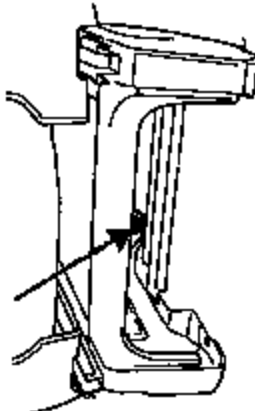
The tether anchors in your vehicle are in the positions shown:



The front passenger seat with power adjustment does not have a tether anchor. The two tether anchors on the back of the second row bench seat can be used either for child safety seats at the two seating positions, or either anchor can be used for a single LATCH child seat installed at the center of the bench seat.

Front passenger seating position (manual adjusting seats only)

1. Position the child safety seat on the passenger seat cushion.

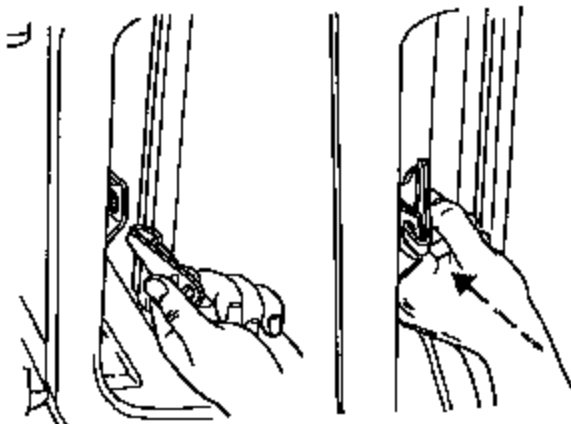
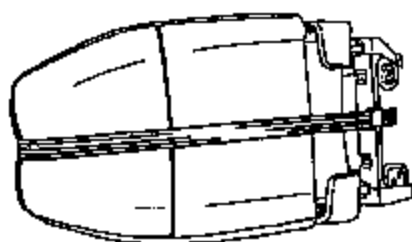


Seating and Safety Restraints

2. Route the child safety seat tether strap over the back of the seat. If the head restraint is adjustable, route the tether strap under the head restraint and between the head restraint posts. If the top of the safety seat hits the head restraint, raise the head restraint to let the child seat fit further rearward.

3. Grasp the tether strap and position it to the seat frame.

4. Rotate the tether hook, and clip the tether strap to the seat frame.



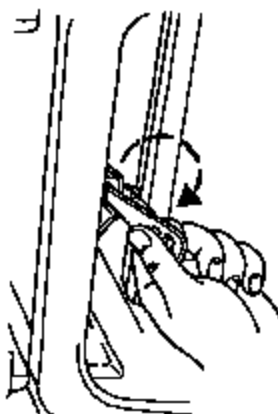
Seating and Safety Restraints

⚠ If the tether strap is clipped incorrectly (as shown) the child safety seat may not be retained properly in the event of a collision.

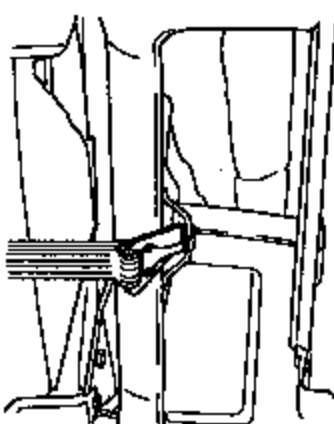


5. Rotate the tether strap clip.

6. Install the child safety seat tightly using the LATCH anchors or safety belts. Follow the instructions in this chapter.



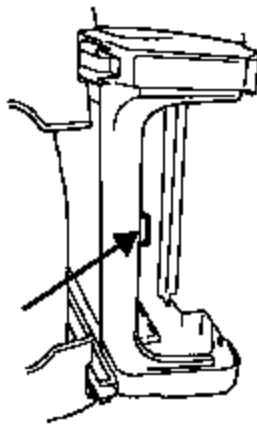
7. Tighten the child safety seat tether strap according to the manufacturer's instructions.



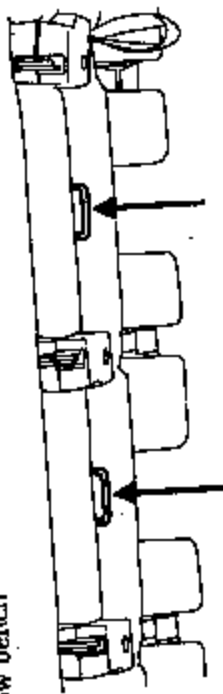
Rear seating positions

Follow steps 1-7 as described above for the following available seats:

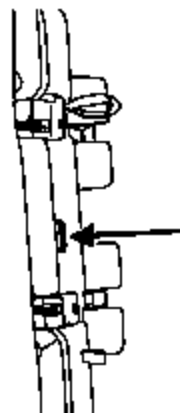
- 2nd row bucket



- 2nd row bench



- 3rd row bench



For additional important safety information on the proper use of safety belts, child seats and infant seats, please read the entire *Seating and safety restraints* chapter in this owner's guide.

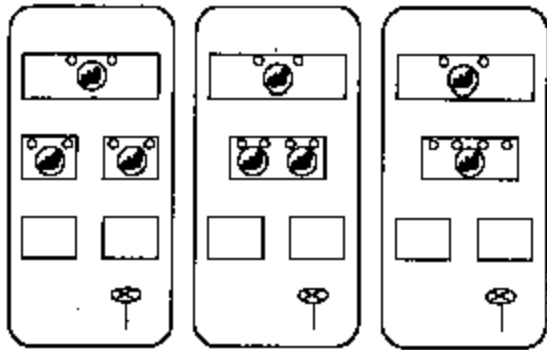
Attaching safety seats with LATCH (Lower Anchors and Tethers for Children) attachments for child seat anchors

New child safety seats have two rigid or webbing mounted attachments that connect to two anchors at certain seating positions in your vehicle. This type of child seat eliminates the need to use safety belts to attach the child seat. For forward-facing child seats, the tether strap must also be attached to the proper tether anchor. See *Attaching safety seats with tether straps* in this chapter.

Your vehicle has LATCH anchors for child seat installation at the seating positions marked with the child seat symbol.

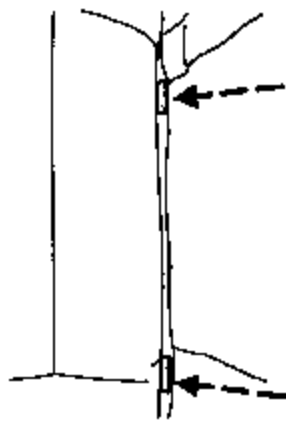
If your vehicle has a second row bench seat, one child seat can be placed in each outboard seating position, or one LATCH child seat can be placed in the center of the seat only. Please note that the center-only position does not have a separate tether anchor. Either of the outboard tether anchors may be used for the center position.

Do not use the two designated seating positions of the 2nd row bench when a LATCH child seat is installed at the center. A child seat will block access to the safety belt buckles.



Never attach two LATCH child safety seats to the same anchor. In a crash, one seat may not be strong enough to hold two child safety seats. Attachments will may break, the seat may move or crash.

The lower anchors for child seat installation are located at the rear section of the rear seat between the cushion and seat back.



Seating and Safety Restraints

Follow the child seat manufacturer's instructions to properly install a child seat with LATCH attachments.



Attach LATCH lower attachments of the child seat *only* to the anchors shown.

If you install a child seat with rigid LATCH attachments, do not tighten the tether strap enough to lift the child seat off the vehicle seat cushion when the child is seated in it. Keep the tether strap just snug without the lifting the front of the child seat. Keeping the child seat just touching the vehicle seat gives the best protection in a severe crash. Adjusting the seat back angle may allow the tether strap to be tight without lifting the child seat.

Each time you use the safety seat, check that the seat is properly attached to the lower anchors and tether anchor. Try to tilt the child seat from side to side. Also try to tug the seat forward. Check to see if the anchors hold the seat in place.

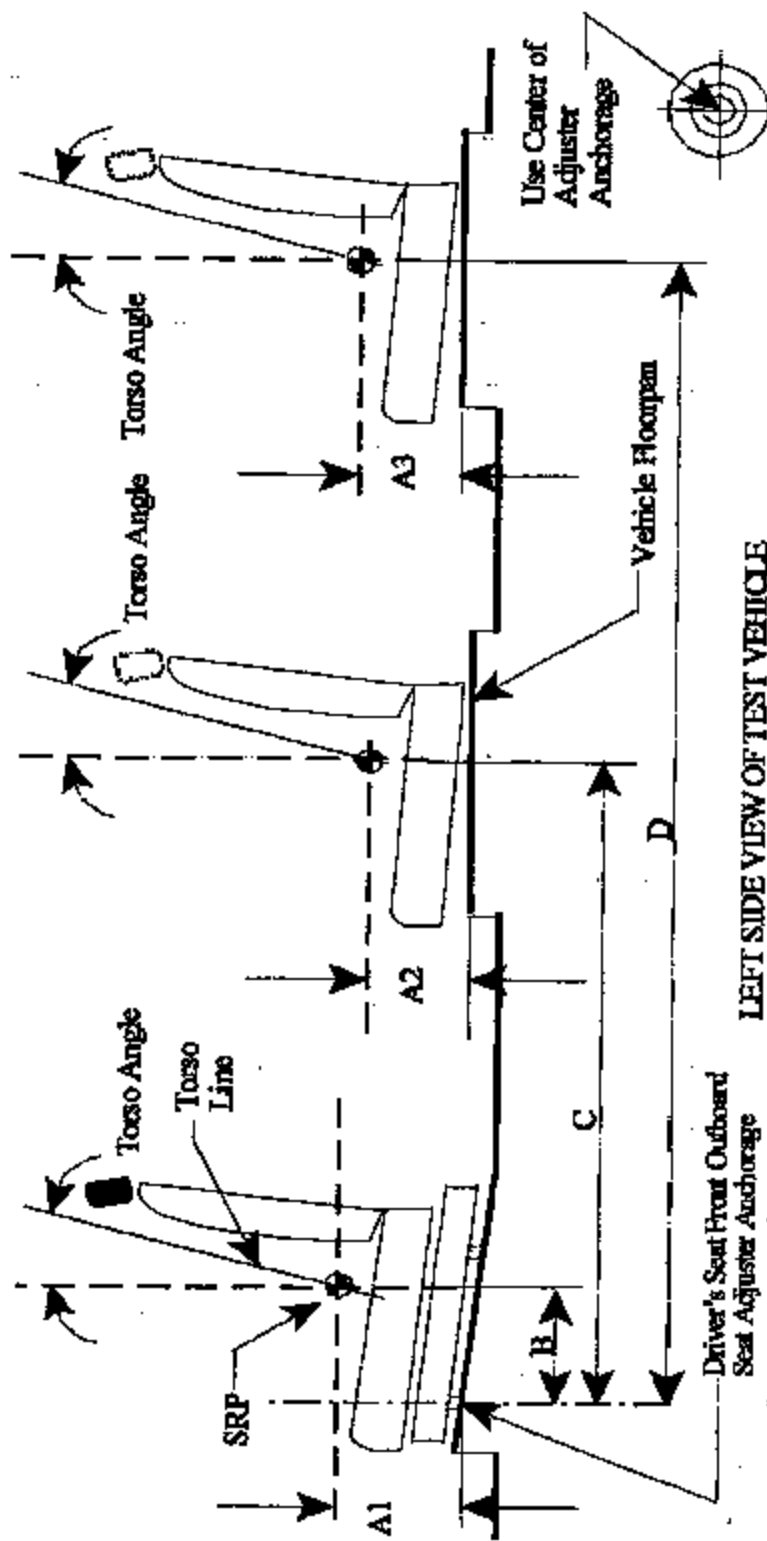


This safety seat is not anchored properly. The rear of a child seat must be secured to the vehicle's lower anchors and tether anchor.

APPENDIX B
MANUFACTURER'S DATA

SEAT REFERENCE POINT (SRP) AND TORSO ANGLE DATA
FOR FMVSS 225
(All dimensions in mm¹)

Model Year: 2004 ; Make: Ford/Mercury ; Model: Freestar/Montarey ; Body Style: Minivan Seat Style: Front row: High and low back buckets; Second row: Buckets and Bench (2-Passenger); Third row: Bench (3-Passenger)



LEFT SIDE VIEW OF TEST VEHICLE

Table 1. Seating Positions¹ and Torso Angles

	Left (Driver Side)	Center (if any)	Right
A1	(Driver) 372.9	N/A	(Front Passenger) 372.9
A2	344.7	N/A	344.7
A3	388.6	388.6	388.6
B	258.6	N/A	258.6
C	1116.6	N/A	1116.6
D	1928.4	1928.4	1928.4
Torso Angle (degree)	Front Row	N/A	21°
	Second Row	N/A	22°
	Third Row	22°	22°

Note: 1. All dimensions are in mm. If not, provide the unit used.

SEATING REFERENCE POINT FOR FMVSS 225 (All dimensions in mm)

Model Year: 2004 ; Make: Ford/Mercury ; Model: Freestar/Montmercy ; Body Style: Minivan
low back buckets; Second row: Buckets and Bench (2-Passenger); Third row: Bench (3-Passenger)

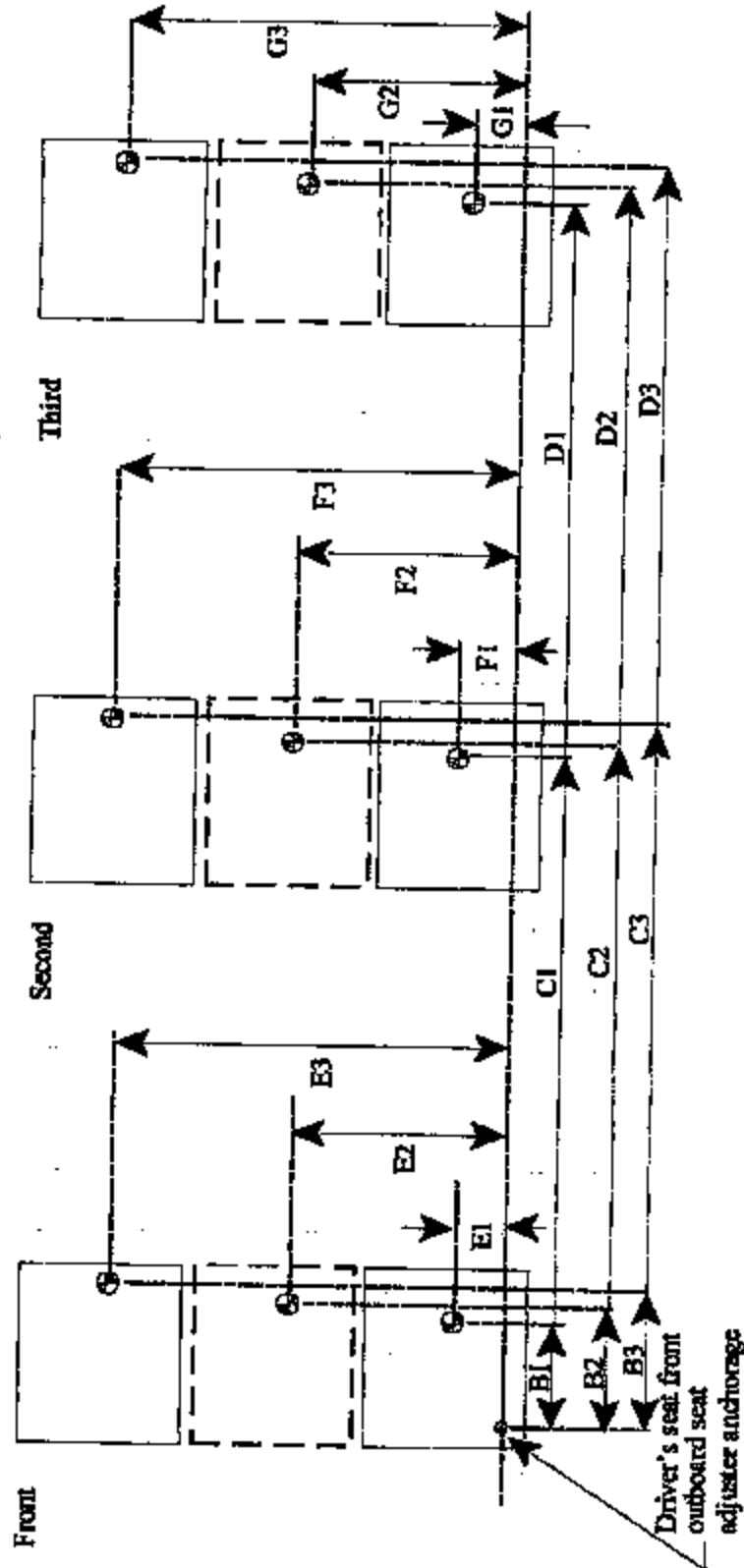


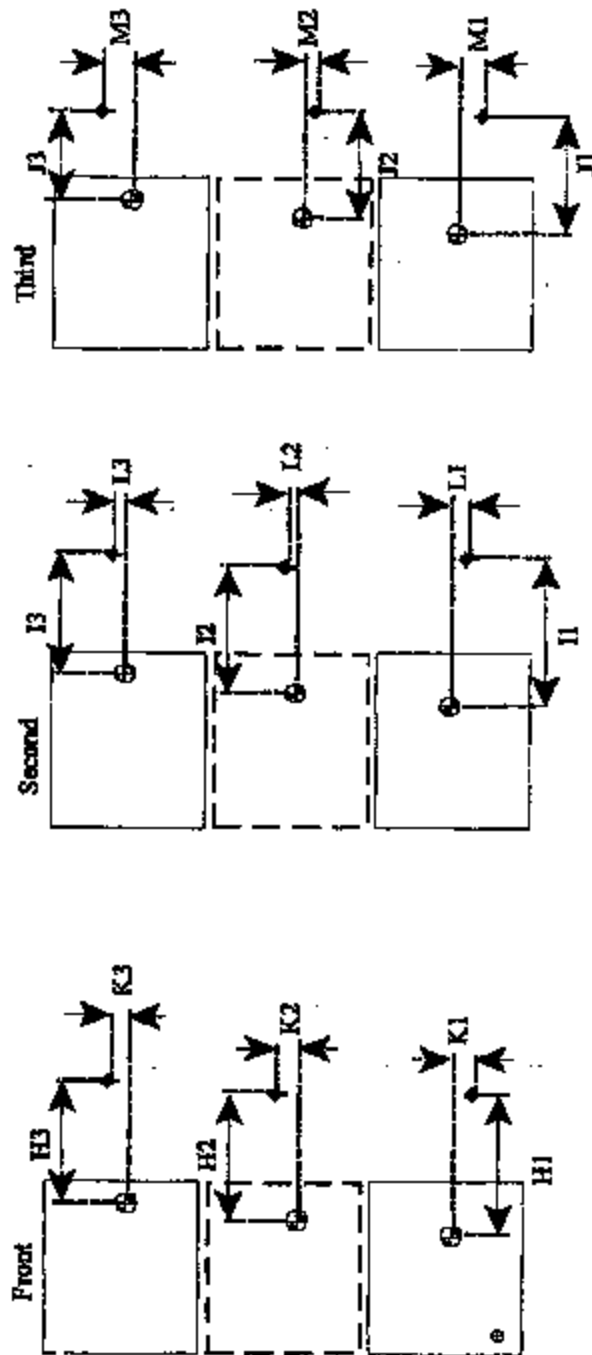
Table 2. Seating Reference Point and Tether Anchorage Locations

Seating Reference Point (SRP)		Distance from Driver's front outboard seat adjuster anchorage ¹
Front Row	B1	258.6
	E1	179.6
	B2	258.6
	E2	N/A
	B3	258.6
	E3	1016
Second Row	C1	1116.6
	F1	Bucket - 278.4 Bench - 311.4
	C2	1116.6
	F2	N/A
	C3	1116.6
	F3	Bucket - 1018.5 Bench - 871.2
Third Row	D1	1928.4
	G1	179.6
	D2	1928.4
	G2	591.6
	D3	1928.4
	G3	1003.6

Note: 1. Use the center of anchorage.

TETHER ANCHORAGE LOCATIONS FOR FMVSS 225 (All dimensions in mm)

Model Year: 2004 ; Make: Ford/Mercury ; Model: Freestar/Monterey ; Body Style: Minivan
low back buckets; Second row: Buckets and Bench (2-Passenger); Third row: Bench (3-Passenger)



⊗: SRP
↑: Tether anchorage

Note: 1. The location shall be measured at the center of the bar.

FORM 14
Page 6 of 10
2004 Ford Freestar

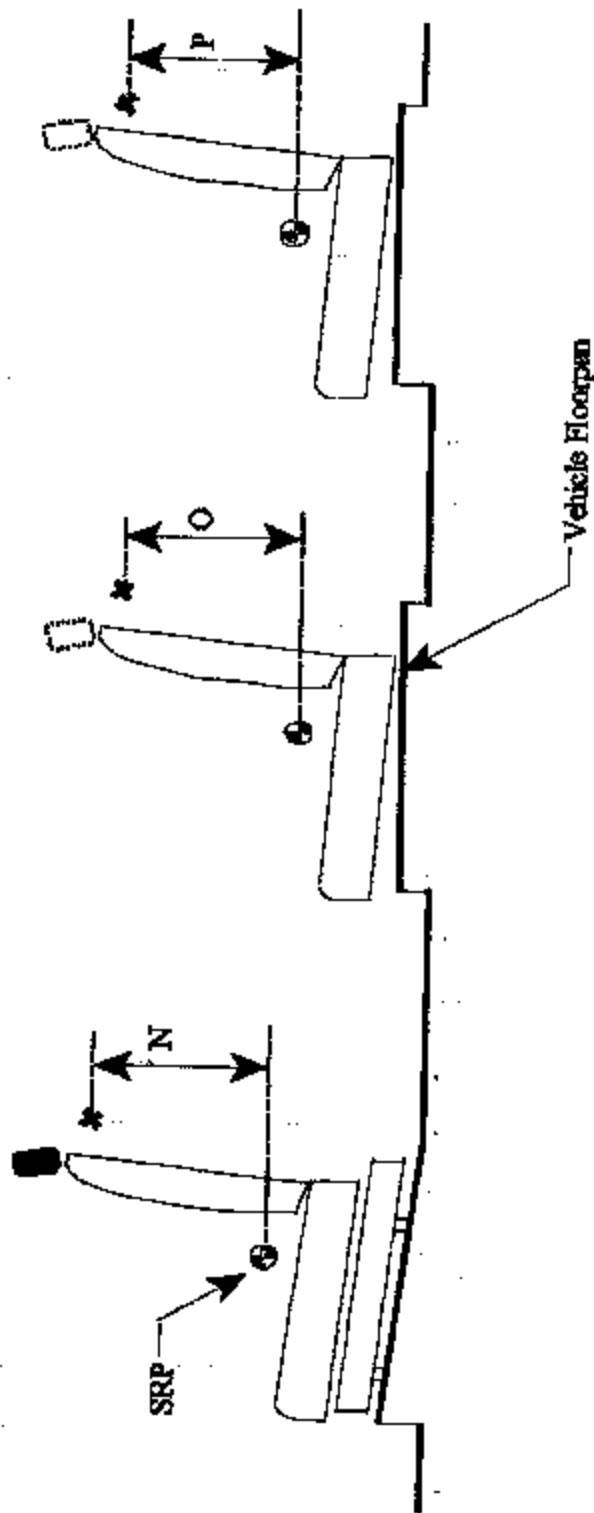
Table 3. Seating Reference Point and Tether Anchorage Locations

Seating Reference Point (SRP)	Distance from SRP	
Front Row	H1	N/A
	K1	N/A
	H2	N/A
	K2	N/A
	H3	94.1
	K3	0
Second Row	I1	Bucket: 202.4 Bench: 179
	L1	Bucket: 0 Bench: -148
	I2	N/A
	L2	N/A
	I3	Bucket: 202.4 Bench: 179
	L3	Bucket: 0 Bench: -148
Third Row	J1	N/A
	M1	N/A
	J2	50
	M2	206.6
	J3	N/A
	M3	N/A

Note: 1. Use the center of anchorage.

TETHER ANCHORAGE LOCATIONS - VERTICAL
FOR FMVSS 225
(All dimensions in mm)

Model Year: 2004 ; Make: Ford/Mercury ; Model: Freestar/Monterey ; Body Style: Minivan
High and low back buckets; Second row: Buckets and Bench (2-Passenger); Third row: Bench (3-Passenger) Seat Style: Front row:



LEFT SIDE VIEW OF TEST VEHICLE

Table 4. Vertical Dimension For The Tether Anchorage

Seating Row	Vertical Distance from Seating Reference Point
Front Row	N1 (Driver) N/A
	N2 (Center) N/A
	N3 (Right) -212.9
Second Row	O1 (Left) Bucket: -103.8 Bench: -149.4
	O2 (Center) N/A
	O3 (Right) Bucket: -103.8 Bench: -149.4
Third Row	P1 (Left) N/A
	P2 (Center) -67
	P3 (Right) N/A

Note: 1. All dimensions are in mm. If not, provide the unit used.

Test Procedures Used for Compliance Tests

Tether Anchorages

Seating Location	FMVSS Section(s) - Req.
Front	Driver N/A
	Center (if any) N/A
	Right (if any) FMVSS 225 S6.3.4
Second	Left FMVSS 225 S6.3.4
	Center N/A
	Right (if any) FMVSS 225 S6.3.4
Third	Left N/A
	Center FMVSS 225 S6.3.4
	Right N/A
Fourth	Left N/A
	Center N/A
	Right N/A

Lower Anchorages

Seating Location	FMVSS Section(s) - Req.
Front	Driver N/A
	Center (if any) N/A
	Right (if any) N/A
Second	Left FMVSS 225 S15
	Center N/A
	Right FMVSS 225 S15
Third	Left N/A
	Center FMVSS 225 S15
	Right N/A
Fourth	Left N/A
	Center N/A
	Right N/A

For each anchorage system, provide the following information:

1. **Lower Anchorage Dimensions:** Whether the anchorages are certified with S15.1.2.1 of FMVSS No. 225.

Yes. By design (drawing requirement) this vehicle is certified to the requirements of section S15.2.1 of FMVSS 225.

2. **Lower Anchorage Location:** Whether the anchorages are certified with S15.1.2.2 of FMVSS No. 225. If the anchorages are certified with S15.1.2.2, provide the pitch, roll and yaw angles.

Yes. This vehicle is certified to the requirements of section S15.1.2.2 of FMVSS 225. Roll, pitch and yaw angles are shown below.

Seat Position	Pitch	Roll	Yaw
2 nd Row Left	14.5°	0	0
2 nd Row Right	13.8°	0	0
3 rd Row	6.3°	0	0

3. **Lower Anchorage Marking and Conspicuity:** Whether the anchorages are certified with S15.4 of FMVSS No. 225. If guidance fixtures are used, provide the location of the seating systems that are equipped with the guidance fixture.

Yes. By design (drawing requirement) this vehicle is certified to the requirements of section S15.4 of FMVSS 225. No guidance fixtures were used.

4. **Location of Tether Anchorage:** Applicable section of FMVSS No. 225 for the option used for its certification.

The location of the tether anchorages was certified to section S6.2.1 of FMVSS 225.

5. **Number of Tether Anchorage:** Applicable section of FMVSS No. 225 for the option used for its certification

The number of tether anchorages was certified to section S4.4(a) of FMVSS 225.