

ASC TO #: T-

TARGET DIMENSIONAL ANALYSIS REPORT

CRASH #: 13025

VEHICLE INFORMATION

TEST DESCRIPTION:  
VEHICLE PROGRAM YEAR:  
VEHICLE MODEL NAME:  
VEHICLE PROGRAM NAME:  
VEHICLE ID NUMBER:  
CERTIFICATION VEHICLE COOH:  
REQUESTOR NAME:  
TEST ENGINEER NAME:

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CRTS 0013025

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UNIT NO	SIDE	PRT NO	DESCRIPTION	** POINT COORDINATES **			INCHES CHANGED				
				LONG X	LAT Y	VERT Z	X	Y	Z	D	
074			CNM POSITIONING REF.								
		43	CNM FRONT DOOR A PILLAR ROCKER @SIDE OF IMPACT	BEF AFT	97.83	-32.40	19.46				
		44	CNM FRONT DOOR ROCKER @ PILLAR @SIDE OF IMP.	BEF AFT	121.12	-32.28	19.38				
		53	CNM FRONT DOOR A PILLAR @ROCK @SIDE OPPOSITE IMP	BEF AFT	98.35	22.59	19.37				
		54	CNM FRONT DOOR A PILLAR @ROCK @SIDE OPPOSITE IMP	BEF AFT	121.55	12.72	19.32				
090			M/CONT. NOTCH & PIS/PI								
		22	FRONT ALIGNMENT POINT "B"	BEF AFT	66.09 65.95	34.34 34.50	40.14 39.87	-0.14	0.16	-0.27	0.34
		23	WEAR ALIGNMENT POINT "B"	BEF AFT	178.53 178.61	34.33 34.52	44.34 44.37	0.09	0.19	0.03	0.21
411			TOP (BODY) NON SIDED								
		01	EXTRA SET UP POINT (LEFT FOREMOST FRAME)	BEF AFT	37.32 37.57	-19.35 -20.34	20.83 21.05	0.25	-0.99	0.16	1.03
		02	EXTRA SET UP POINT (RIGHT FOREMOST FRAME)	BEF AFT	37.82	19.05	21.00				
		03	EXTRA SET UP POINT (LEFT REARMOST FRAME)	BEF AFT	222.76	-25.75	21.83				
		04	EXTRA SET UP POINT (RIGHT REARMOST FRAME)	BEF AFT	221.72	25.40	23.04				
		26	"H" POINT LOCATION ON OUTER PRT/OCCUPANT DOOR	BEF AFT	122.34	-18.40	28.12				

\* VALUE WAS TRANSLATED

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UNIT NO	SIDE	PNT NO	DESCRIPTION	** POINT COORDINATES **			INCHES CHANGED				
				LONG X	LAT Y	VERT Z	X	Y	Z	D	
		38	TOP OF ROCKER SILL IN LINE W/FRONT "H" PT.	REF AFT	122.20	-32.05	19.50				
		57	FRONT OCCUPANT SEAT C/L (WIDTH)	REF AFT	0.00	-15.48	0.00				
		84	"W.R.T." ON ROCKER SIDE OPPOSITE OF IMPACT	REF AFT	129.08 129.07	33.62 33.62	18.12 19.11	-0.01	0.00	-0.01	0.01
412			TOP (BODY) SIDED POINTS								
L		09	END OF FRONT SPINDLE @ CENTERLINE (WHEELBASE)	REF AFT	63.71 64.13	-31.94 -32.08	17.25 17.31	0.42	-0.14	-0.04	0.44
R		09	END OF FRONT SPINDLE @ CENTERLINE (WHEELBASE)	REF AFT	61.38 63.51	31.62 32.69	17.39 17.34	0.13	1.07	-0.05	1.08
L		16	LATCH/STRIKER BOLT SC/L OR U-BOLT/TOP SB PILLAR	REF AFT	128.60	-33.46	31.77				
R		16	LATCH/STRIKER BOLT SC/L OR U-BOLT/TOP SB PILLAR	REF AFT	128.62 128.65	33.65 33.76	31.88 31.97	0.02	0.11	0.09	0.15
L		18	LATCH/STRIKER BOLT SC/L OR U-BOLT/TOP SC PILLAR	REF AFT	166.16	-34.16	39.07				
R		18	LATCH/STRIKER BOLT SC/L OR U-BOLT/TOP SC PILLAR	REF AFT	166.17 166.27	34.53 34.46	38.97 38.99	0.10	-0.07	0.02	0.12
L		89	END OF REAR SPINDLE @ CENTERLINE (WHEELBASE)	REF AFT	178.17 178.14	-34.54 -34.87	17.23 17.29	-0.03	-0.33	0.06	0.34
R		89	END OF REAR SPINDLE @ CENTERLINE (WHEELBASE)	REF AFT	178.08 178.07	34.59 33.61	16.67 17.32	-0.01	-0.98	0.65	1.18
650			BLANK UNIT POINTS								
		01	1 SEE COMMENTS PAGE	REF AFT	102.09 102.05	30.22 30.26	15.27 15.36	-0.04	0.14	0.09	0.17

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\*\* POINT COORDINATES \*\*

DPT NO	SIDE	PWT NO	DESCRIPTION	INCHES			INCHES CHANGED					
				LONG X	LAT Y	VERT Z	X	Y	Z	D		
		02	2	SEE COMMENTS PAGE	BEF AFT	154.57 154.52	30.22 30.07	15.37 15.48				
		03	3	SEE COMMENTS PAGE	BEF AFT	114.86	0.75	22.78	-0.05	-0.15	0.08	0.10
		04	4	SEE COMMENTS PAGE	BEF AFT	92.33	0.50	26.62				
		05	5	SEE COMMENTS PAGE	BEF AFT	95.42	-0.81	27.97				
		05	6	SEE COMMENTS PAGE	BEF AFT	133.83	-30.62	35.26				
		07	7	SEE COMMENTS PAGE	BEF AFT	132.29	-30.64	38.65				
		08	8	SEE COMMENTS PAGE	BEF AFT	134.34	-30.46	22.11				
		09	9	SEE COMMENTS PAGE	BEF AFT	134.01	30.67	34.83				
		10	10	SEE COMMENTS PAGE	BEF AFT	132.40	30.67	35.36				
		11	11	SEE COMMENTS PAGE	BEF AFT	134.44	30.71	22.26				
		12	12	SEE COMMENTS PAGE	BEF AFT	121.52	-20.38	17.53				
		13	13	SEE COMMENTS PAGE	BEF AFT	122.51	-15.44	16.69				
		14	14	SEE COMMENTS PAGE	BEF AFT	122.48	15.86	16.42				
		15	15	SEE COMMENTS PAGE	BEF AFT	121.70	20.72	17.50				

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UNIT NO	SIDE	PWT NO	DESCRIPTION		** POINT COORDINATES **			INCHES CHANGED			
					LONG X	LAT Y	VERT Z	X	Y	Z	D
16	16		SEE COMMENTS PAGE	REF AFT	130.35	-29.77	35.13				
17	17		SEE COMMENTS PAGE	REF AFT	130.59	29.67	35.07				
18	18		SEE COMMENTS PAGE	REF AFT	119.29	-32.33	15.44				
19	19		SEE COMMENTS PAGE	REF AFT	131.69	-32.38	15.36				
20	20		SEE COMMENTS PAGE	REF AFT	154.77	-32.24	15.39				
21	21		SEE COMMENTS PAGE	REF AFT	119.04	32.40	15.49				
22	22		SEE COMMENTS PAGE	REF AFT	132.03	32.58	15.46				
23	23		SEE COMMENTS PAGE	REF AFT	36.97	30.53	35.41				
24	24		SEE COMMENTS PAGE	REF AFT	36.98	15.87	31.87				
25	25		SEE COMMENTS PAGE	REF AFT	36.21	14.23	31.52				
26	26		SEE COMMENTS PAGE	REF AFT	34.37	13.57	24.39				
27	27		SEE COMMENTS PAGE	REF AFT	36.98	-4.22	35.59				
28	28		SEE COMMENTS PAGE	REF AFT	35.96	-7.31	35.31				
29	29		SEE COMMENTS PAGE	REF AFT	36.22	-14.63	31.63				

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LMT NO	SIDE	PMT NO	DESCRIPTION	** POINT COORDINATES **			INCHES CHANGED				
				LONG X	LAT Y	VERT Z	X	Y	Z	D	
		30	SEE COMMENTS PAGE	REF APT	17.00	-16.21	31.48				
		31	SEE COMMENTS PAGE	REF APT	16.96	-21.00	35.42				
		32	SEE COMMENTS PAGE	REF APT	34.23	-13.83	24.25				
		33	SEE COMMENTS PAGE	REF APT	132.16	-28.38	13.72				
		34	SEE COMMENTS PAGE	REF APT	131.68	28.23	13.75				

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\*\* SECTIONALE \*\*

UNIT NO	ACTN NO	SIDE	SBO NO	NAME AND CRASH STATUS	X	Y	Z
423	91			BELTLINE EXTERIOR SECT			
	1			BEFORE	76.49	-34.66	41.34
	1			AFTER	77.91	-34.51	42.57
	2			BEFORE	89.33	-35.60	41.34
	2			AFTER	89.26	-25.09	41.67
	3			BEFORE	108.66	-36.58	41.34
	3			AFTER	89.96	-35.58	41.64
	4			BEFORE	130.69	-37.27	41.34
	4			AFTER	93.64	-35.10	41.77
	5			BEFORE	147.85	-37.42	41.34
	5			AFTER	95.71	-34.65	41.68
	6			BEFORE	165.95	-37.20	41.34
	6			AFTER	96.39	-34.60	41.82
	7			BEFORE	174.29	-37.05	41.34
	7			AFTER	103.40	-32.91	41.97
	8			AFTER	110.22	-30.47	41.97
	9			AFTER	116.11	-28.26	42.33
	10			AFTER	118.98	-26.87	42.15
	11			AFTER	121.52	-25.49	42.08
	12			AFTER	123.04	-24.98	42.14
	13			AFTER	123.81	-24.86	42.16
	14			AFTER	124.87	-25.17	42.11
	15			AFTER	126.21	-25.70	42.22
	16			AFTER	127.73	-27.08	42.18

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\*\* SECTIONS \*\*

UNIT NO	SCIM NO	SIDE	SEQ NO	NAME AND CRASH STATUS	X	Y	INCHES Z
			17	AFTER	128.64	-38.42	42.26
			18	AFTER	129.29	-39.16	42.34
			19	AFTER	130.23	-39.75	42.28
			20	AFTER	131.32	-40.45	41.92
			21	AFTER	143.96	-42.74	42.29
			22	AFTER	157.20	-46.19	42.71
			23	AFTER	170.65	-51.18	43.00
			24	AFTER	172.03	-56.24	42.81
			25	AFTER	173.27	-56.29	42.81

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## MIDLINE RETENTION SECT

1	BEFORE	74.26	-37.29	31.50
1	AFTER	75.76	-37.02	31.75
2	BEFORE	85.13	-37.86	31.50
2	AFTER	88.58	-37.38	31.81
3	BEFORE	108.70	-38.45	31.50
3	AFTER	90.00	-37.44	31.68
4	BEFORE	129.96	-38.73	31.50
4	AFTER	100.40	-34.55	31.83
5	BEFORE	148.01	-38.72	31.50
5	AFTER	106.06	-32.72	31.85
6	BEFORE	162.68	-38.47	31.50
6	AFTER	110.11	-31.14	31.84
7	BEFORE	167.89	-38.92	31.50
7	AFTER	113.94	-29.15	31.82

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\*\* SECTIONALS \*\*

UNIT NO	SECTN NO	SIDE	SEQ NO	NAME AND CRASH STATUS	X	Y	INCHES Z
			8	AFTER	117.32	-27.46	31.89
			9	AFTER	120.28	-26.16	31.97
			10	AFTER	122.86	-25.41	32.04
			11	AFTER	126.09	-25.23	32.05
			12	AFTER	124.68	-25.29	32.05
			13	AFTER	126.22	-26.07	32.17
			14	AFTER	127.57	-27.36	32.18
			15	AFTER	128.20	-28.33	32.24
			16	AFTER	126.95	-30.13	32.38
			17	AFTER	130.18	-31.97	32.18
			18	AFTER	140.77	-34.02	32.57
			19	AFTER	152.03	-36.00	32.84
			20	AFTER	157.17	-36.84	33.07
			21	AFTER	162.14	-37.60	33.11
			22	AFTER	163.67	-37.35	32.87
			23	AFTER	166.00	-37.88	32.78

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CHARACTER LINE EXT SECT

1	BEFORE	78.92	-36.86	23.62
1	AFTER	80.56	-36.67	23.86
2	BEFORE	89.72	-37.16	23.62
2	AFTER	88.82	-36.73	23.96

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## TARGET DIMENSIONAL ANALYSIS REPORT

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\*\* SECTIONALS \*\*

UNIT NO	SECTN NO	SIDE	SEQ NO	NAME AND CRASH STATUS	X	Y	INCHES Z
	3		BEFORE		107.19	-37.59	23.62
	3		AFTER		89.81	-36.49	23.73
	4		BEFORE		128.54	-37.65	23.62
	4		AFTER		100.41	-34.20	23.87
	5		BEFORE		145.73	-37.53	23.62
	5		AFTER		105.71	-33.09	23.98
	6		BEFORE		162.10	-37.34	23.62
	6		AFTER		110.71	-30.67	23.93
	7		AFTER		115.93	-28.29	23.95
	8		AFTER		119.16	-26.91	23.93
	9		AFTER		121.72	-26.04	23.97
	10		AFTER		123.44	-25.53	23.98
	11		AFTER		124.81	-25.65	23.98
	12		AFTER		126.84	-26.87	24.07
	13		AFTER		128.30	-28.59	24.13
	14		AFTER		129.87	-30.19	24.39
	15		AFTER		130.88	-21.32	24.18
	16		AFTER		144.22	-33.62	24.52
	17		AFTER		153.49	-35.20	24.85
	18		AFTER		154.53	-36.81	25.00
	19		AFTER		159.28	-36.66	25.09
	20		AFTER		160.76	-36.67	25.08

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BOTTOM OF DOOR EXT SECT

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\*\* SECTIONALS \*\*

UNT NO	SECTN NO	SIDE	SEQ NO	NAME AND CRASH STATUS	X	Y	INCHES Z
			1	BEFORE	89.22	-35.01	17.43
			1	AFTER	90.85	-33.85	17.63
			2	BEFORE	132.48	-35.46	17.55
			2	AFTER	104.38	-31.54	17.42
			3	BEFORE	132.98	-35.33	17.50
			3	AFTER	110.95	-30.36	17.30
			4	BEFORE	159.51	-34.99	17.54
			4	AFTER	118.22	-28.82	17.38
			5	AFTER	118.85	-28.47	17.38
			6	AFTER	119.62	-27.72	17.36
			7	AFTER	121.32	-26.47	17.24
			8	AFTER	122.31	-25.99	17.28
			9	AFTER	125.65	-26.19	17.34
			10	AFTER	127.05	-27.16	17.50
			11	AFTER	128.86	-27.76	17.65
			12	AFTER	132.39	-28.30	18.48
			13	AFTER	132.36	-29.59	17.87
			14	AFTER	145.97	-31.78	18.39
			15	AFTER	158.52	-33.87	18.68
431	81			ROCKER PANEL EXT SECT			
			1	BEFORE	91.26	-34.02	16.27
			1	AFTER	93.15	-33.00	16.85
			2	BEFORE	139.33	-33.91	16.27
			2	AFTER	111.14	-29.76	16.76

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\*\* SECTIONALS \*\*

UNT NO	SCIN NO	SIDE	SEQ NO	NAME AND CRASH STATUS	X	Y	INCHES Z
			3	BEFORE	161.07	-33.93	16.17
			3	AFTER	138.42	-28.01	16.79
			4	AFTER	120.20	-26.93	16.54
			5	AFTER	132.98	-25.91	16.85
			6	AFTER	126.41	-26.42	16.20
			7	AFTER	129.28	-27.60	16.79
			8	AFTER	133.93	-28.54	16.88
			9	AFTER	149.56	-31.62	17.30
			10	AFTER	160.41	-33.84	17.53
423	E1			ROOF LINE INTERIOR SECT			
			1	BEFORE	98.24	-28.82	48.13
			1	AFTER	99.23	-28.00	49.08
			2	BEFORE	111.74	-24.19	56.44
			2	AFTER	112.08	-23.27	58.10
			3	BEFORE	124.36	-22.86	58.89
			3	AFTER	124.59	-20.99	61.04
			4	BEFORE	134.16	-22.87	59.00
			4	AFTER	134.09	-20.46	61.12
			5	BEFORE	141.85	-22.67	59.31
			5	AFTER	141.83	-21.54	62.10
			6	BEFORE	155.78	-23.02	58.81
			6	AFTER	155.77	-22.23	60.46
			7	BEFORE	161.93	-23.59	58.11
			7	AFTER	161.34	-22.47	59.66

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\*\* SECTIONALS \*\*

UNIT NO	SCIN NO	SIDE	SEQ NO	NAME AND CRASH STATUS	X	Y	INCHES Z
435	81			BELT LINE INTERIOR SECT			
			1	BEFORE	99.81	-31.83	41.13
			1	AFTER	100.48	-29.86	42.15
			2	BEFORE	114.04	-32.00	41.57
			2	AFTER	114.47	-29.90	42.35
			3	BEFORE	125.16	-32.05	41.86
			3	AFTER	126.35	-23.55	42.73
			4	BEFORE	129.00	-32.39	41.84
			4	AFTER	129.04	-24.78	42.90
			5	BEFORE	130.15	-31.68	41.87
			5	AFTER	130.23	-24.70	42.55
			6	BEFORE	130.65	-30.46	42.05
			6	AFTER	130.97	-23.69	42.76
			7	BEFORE	134.82	-30.45	42.27
			7	AFTER	135.88	-24.60	42.82
			8	BEFORE	135.38	-31.75	42.19
			8	AFTER	135.13	-25.92	42.80
			9	BEFORE	136.68	-32.51	42.30
			9	AFTER	136.07	-26.70	43.21
			10	BEFORE	140.12	-32.04	42.12
			10	AFTER	139.53	-27.01	43.07
			11	BEFORE	150.49	-32.09	42.64
			11	AFTER	149.89	-28.94	43.69
			12	BEFORE	161.39	-31.98	42.83
			12	AFTER	160.40	-30.87	44.17
			13	BEFORE	166.82	-32.04	42.91
			13	AFTER	165.03	-31.52	44.18

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## \*\* SECTIONALS \*\*

UNT NO	SCIN NO	SIDE	SEQ NO	NAME AND CRASH STATUS	X	Y	INCHES Z
437	B1			HIP INTERIOR SECTION			
			1	BEFORE	94.40	-31.92	27.72
			1	AFTER	95.74	-30.20	28.21
			2	BEFORE	104.11	-31.27	27.72
			2	AFTER	105.12	-37.85	28.65
			3	BEFORE	113.98	-31.87	27.72
			3	AFTER	114.75	-36.17	28.64
			4	BEFORE	123.92	-32.04	27.72
			4	AFTER	124.26	-33.10	28.64
			5	BEFORE	126.63	-31.73	27.72
			5	AFTER	126.91	-33.79	28.48
			6	BEFORE	127.75	-31.02	27.72
			6	AFTER	128.38	-23.59	28.11
			7	BEFORE	134.73	-31.00	27.72
			7	AFTER	135.13	-25.58	28.45
			8	BEFORE	135.98	-31.66	27.72
			8	AFTER	135.75	-36.36	28.63
			9	BEFORE	141.95	-31.87	27.72
			9	AFTER	141.78	-27.61	28.64
			10	BEFORE	144.42	-31.30	27.72
			10	AFTER	144.02	-27.47	28.60
			11	BEFORE	147.36	-31.56	27.72
			11	AFTER	147.16	-28.35	28.97
			12	BEFORE	155.98	-31.55	27.72
			12	AFTER	155.32	-29.87	28.14

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1ST 50 FWD/HINGE PLANE

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\*\* SECTIONALS \*\*

INT NO	SCIN NO	SIDE	SEQ NO	NAME AND CRASH STATUS	INCHES		
					X	Y	Z
			1	BEFORE	90.56	-38.15	17.58
			1	AFTER	92.23	-33.57	17.63
			2	BEFORE	90.55	-37.19	21.42
			2	AFTER	92.78	-35.73	21.68
			3	BEFORE	90.55	-37.07	22.98
			3	AFTER	92.78	-35.71	23.07
			4	BEFORE	90.55	-37.87	29.34
			4	AFTER	92.95	-36.54	29.18
			5	BEFORE	90.55	-37.74	34.94
			5	AFTER	92.78	-36.63	34.99
			6	BEFORE	90.55	-36.65	40.00
			6	AFTER	92.53	-36.04	40.13
			7	BEFORE	90.56	-35.13	41.97
			7	AFTER	92.37	-35.30	41.70
			8	BEFORE	90.55	-34.38	42.03
			8	AFTER	92.22	-34.83	42.39
			9	AFTER	92.03	-33.92	43.28

439 81

SECT @ 2500 BODY LINE

			1	BEFORE	98.43	-35.32	17.45
			1	AFTER	100.01	-32.30	17.60
			2	BEFORE	98.43	-37.40	21.36
			2	AFTER	100.27	-34.17	21.60
			3	BEFORE	98.43	-37.30	22.72
			3	AFTER	100.33	-34.11	22.85
			4	BEFORE	98.43	-38.11	29.30
			4	AFTER	100.41	-34.68	29.56

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ASC TO #: 1-

## TARGET DIMENSIONAL ANALYSIS REPORT

CRASH #: 13025

## \*\* SECTIONALS \*\*

UNIT NO	SCIN NO	SLID	SEQ NO	NAME AND CRASH STATUS	X	Y	INCHES Z
			5	BEFORE	98.43	-37.95	35.07
			5	AFTER	100.20	-34.33	36.32
			6	BEFORE	98.43	-36.50	40.18
			6	AFTER	100.09	-34.24	40.50
			7	BEFORE	98.43	-35.83	41.59
			7	AFTER	100.00	-33.93	41.96
			8	BEFORE	98.43	-35.00	42.50
			8	AFTER	99.81	-33.33	43.24
439	82			SECT @ 2500 BODY LINE			
			1	BEFORE	98.43	-31.43	20.86
			1	AFTER	99.50	-28.78	21.64
			2	BEFORE	98.43	-32.19	26.41
			2	AFTER	99.56	-29.75	27.15
			3	BEFORE	98.43	-32.43	37.12
			3	AFTER	99.37	-30.48	32.86
			4	BEFORE	98.43	-31.95	41.35
			4	AFTER	99.81	-29.96	42.17
440	81			VERT SECT. 20" FWD I/CL			
			1	BEFORE	121.65	-35.52	17.54
			1	AFTER	122.05	-26.21	17.41
			2	BEFORE	121.65	-37.67	21.64
			2	AFTER	122.06	-26.00	21.96
			3	BEFORE	121.65	-37.62	23.49
			3	AFTER	121.93	-25.86	23.81
			4	BEFORE	121.65	-38.51	30.43
			4	AFTER	121.92	-26.02	24.27

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ASC TO #: T-

## TARGET DIMENSIONAL ANALYSIS REPORT

CRASH #: 13025

\*\* SECTIONALS \*\*

UNT NO	SCIN NO	SIDE	REQ NO	NAME AND CRASH STATUS	X	Y	INCHES E
			5	BEFORE	121.65	-38.36	35.91
			5	AFTER	121.83	-25.85	28.67
			6	BEFORE	121.65	-37.14	40.97
			6	AFTER	121.75	-25.67	32.09
			7	BEFORE	121.65	-34.98	43.08
			7	AFTER	121.67	-25.49	36.74
			8	BEFORE	121.65	-25.14	60.68
			8	AFTER	121.54	-25.45	39.78
			9	BEFORE	121.65	-23.69	61.63
			9	AFTER	121.57	-25.52	41.26
			10	BEFORE	121.65	-18.54	62.81
			10	AFTER	121.50	-25.46	42.69
			11	AFTER	121.48	-25.40	44.29
			12	AFTER	121.40	-22.76	62.34
			13	AFTER	121.33	-22.60	63.54
			14	AFTER	121.26	-22.17	64.18
			15	AFTER	121.47	-21.48	64.19
			16	AFTER	121.40	-20.66	64.63
			17	AFTER	121.37	-20.07	64.78
			18	AFTER	121.41	-17.40	65.08

440 E2

VERT SECT. 20" FWD I/CL

			1	BEFORE	122.65	-31.29	28.42
			1	AFTER	122.21	-24.50	21.93
			2	BEFORE	121.65	-31.74	24.41
			2	AFTER	122.30	-24.27	25.13

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ASC TO #: P-

## TARGET DIMENSIONAL ANALYSIS REPORT

CRASH #: 13025

## \*\* SECTIONALS \*\*

UNT NO	SCIN NO	SIDE	SEQ NO	NAME AND CRASH STATUS	X	Y	INCHES Z
			1	BEFORE	121.65	-32.15	38.37
			3	AFTER	121.99	-24.21	39.21
			4	BEFORE	121.65	-32.13	41.86
			4	AFTER	121.77	-23.68	42.58
441	51			VERT SECT. @ IMPACT C/L			
			1	BEFORE	131.89	-35.63	17.71
			1	AFTER	131.79	-28.22	18.43
			2	BEFORE	131.89	-37.46	20.99
			2	AFTER	131.18	-29.31	20.30
			3	BEFORE	131.89	-37.55	22.89
			3	AFTER	130.64	-29.94	21.89
			4	BEFORE	131.89	-38.74	31.53
			4	AFTER	130.81	-31.26	23.50
			5	BEFORE	131.89	-38.15	38.70
			5	AFTER	130.62	-31.85	27.32
			6	BEFORE	131.89	-37.10	41.40
			6	AFTER	130.38	-32.02	30.46
			7	BEFORE	131.89	-35.20	43.25
			7	AFTER	130.40	-31.99	33.10
			8	BEFORE	131.89	-24.85	61.25
			8	AFTER	130.42	-31.73	35.10
			9	BEFORE	131.89	-23.33	62.35
			9	AFTER	129.07	-30.31	37.92
			10	BEFORE	131.89	-17.80	63.55
			10	AFTER	129.47	-29.31	40.39
			11	AFTER	129.72	-29.63	41.94

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ASC TO #: T-

## TARGET DIMENSIONAL ANALYSIS REPORT

CRASH #: 13025

\*\* SECTIONALE \*\*

UMT NO	SCHE NO	SIDE	REQ NO	NAME AND CRASH STATUS	X	Y	INCHES Z
			12	AFTER	130.03	-29.19	42.89
			13	AFTER	130.35	-28.60	43.55
			14	AFTER	130.77	-27.71	44.14
			15	AFTER	131.66	-23.07	63.48
			16	AFTER	131.60	-22.66	64.39
			17	AFTER	131.64	-21.95	65.17
			18	AFTER	131.56	-20.93	64.89
			19	AFTER	131.49	-20.94	65.70
			20	AFTER	131.58	-20.80	66.10
			21	AFTER	131.54	-19.19	66.35
			22	AFTER	131.54	-16.81	66.42
441	82			VERT SECT. @ IMPACT C/L			
			1	BEFORE	131.89	-30.57	20.62
			1	AFTER	132.44	-24.59	21.64
			2	BEFORE	131.89	-30.54	29.41
			2	AFTER	132.46	-24.26	29.99
			3	BEFORE	131.89	-30.58	36.46
			3	AFTER	132.26	-23.64	44.84
			4	BEFORE	131.89	-30.16	44.18
			4	AFTER	132.38	-23.01	48.31
			5	BEFORE	131.89	-29.21	47.58
			5	AFTER	133.40	-22.19	53.30
			6	BEFORE	133.11	-26.91	52.03
			6	AFTER	134.54	-21.13	58.24

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ASC TO #: T-

## TARGET DIMENSIONAL ANALYSIS REPORT

CRASH #: 13025

\*\* SECTIONALS \*\*

UNT NO	SCIN NO	SIDE	SEQ NO	NAME AND CRASH STATUS	X	Y	INCHES Z
			7	BEFORE	134.38	-24.35	56.38
			7	AFTER	134.74	-20.65	60.11
			8	BEFORE	134.79	-23.47	57.93
442	51			VERT SECT 20" AFT I/CL			
			1	BEFORE	159.06	-34.98	17.34
			1	AFTER	158.15	-53.84	18.70
			2	BEFORE	159.06	-37.33	21.60
			2	AFTER	157.64	-35.96	23.23
			3	BEFORE	159.06	-37.37	23.52
			3	AFTER	157.62	-35.87	25.08
			4	BEFORE	159.06	-38.55	31.50
			4	AFTER	157.33	-36.52	28.79
			5	BEFORE	159.06	-37.16	41.67
			5	AFTER	157.16	-36.83	33.02
			6	BEFORE	159.06	-35.15	43.90
			6	AFTER	157.03	-36.32	39.25
			7	BEFORE	159.06	-25.59	60.49
			7	AFTER	157.32	-35.17	42.73
			8	BEFORE	159.06	-23.65	61.86
			8	AFTER	157.27	-34.28	43.98
			9	BEFORE	159.06	-21.52	62.14
			9	AFTER	157.43	-33.04	45.18
			10	AFTER	158.60	-24.27	61.97
			11	AFTER	158.59	-23.53	62.71
			12	AFTER	158.64	-22.37	63.36

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TARGET DIMENSIONAL ANALYSIS REPORT

CRASH #: 13025

\*\* SECTIONALS \*\*

WBT NO	SCTM NO	SIDE	SEQ NO	NAME AND CRASH STATUS	INCHES		
					X	Y	Z
			13	AFTER	158.52	-31.91	63.57
			14	AFTER	158.54	-26.49	64.18
442	82			VERT SECT 20" APT I/CL			
			1	BEFORE	159.06	-31.77	31.92
			1	AFTER	158.52	-30.52	33.24
			2	BEFORE	159.06	-31.98	36.09
			2	AFTER	158.05	-30.67	37.30
			3	BEFORE	159.06	-31.84	41.24
			3	AFTER	158.23	-30.35	42.36
			4	BEFORE	159.06	-32.00	42.76
			4	AFTER	158.10	-30.43	44.08

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## \*\* COMMENTS \*\*

ANY AUTOMATICALLY GENERATED COMMENTS APPEAR IN THIS BOX:

THIS VEHICLE IS SET UP TO DESIGN ATTITUDE AND WHILE REPORTED IN ENGLISH UNITS, USES A METRIC PRINT ERGO. SUSPENSION COMPONENTS ARE NOT IN DESIGN POSITION. COORDINATES CAN BE CONVERTED TO DESIGN PRINT VALUES BY USING THE FOLLOWING: asking for a metric print-out or TO CONVERT TO METRIC DESIGN PRINT VALUES: MULTIPLY BY 25.4. TO CONVERT TO ENGLISH DESIGN PRINT VALUES: (for most DOMESTIC VEHICLES) SUBTRACT 78.74 (2000 MM) FROM THE X VALUE AND SUBTRACT 13.69 (500 MM) FROM THE Z VALUE.

\*\*\*\* THE " D " DIMENSION UNDER " INCHES CHANGED X Y Z " \*\*\*\*  
 \*\*\* IS THE SCALAR (TRUE VALUE) DISTANCE CHANGE OF THE POINT \*\*\*

ON SIDE IMPACTS FOR VEHICLES WITH A WHEELBASE OF 114 inches or less  
 SCRIBE (4) VERTICAL LINES on side of impact from ROCKER TO BELT LINE @:  
 (1) WHEELBASE C/L (2) 37" FORWARD OF WHEELBASE C/L  
 (3) 4" FORWARD OF WHEELBASE C/L (4) 29" REARWARD OF WHEELBASE C/L

ON SIDE IMPACTS FOR VEHICLES WITH A WHEEL BASE GREATER THAN 114 INCHES  
 SCRIBE (4) VERTICAL LINES on side of impact from ROCKER TO BELT LINE @:  
 (1) 20" (2) 52" (3) 86" REARWARD OF FRONT AXLE CENTER LINE  
 (4) @ WHEELBASE CENTER LINE

BELT LINE (EXTERIOR SECTION) LOCATED @ 1st INCREMENTED 50mm BODY LINE BELOW GLASS/WEATHERSTRIP

MID LINE (EXTERIOR SECTION) LOCATED @ \_\_\_\_\_ mm BODY LINE

CHARACTER LINE (EXTERIOR SECTION) LOCATED @ \_\_\_\_\_ mm BODY LINE

ROCKER LINE (EXTERIOR SECTION) LOCATED @ \_\_\_\_\_ mm BODY LINE BELOW DOOR OPENING

ANY COMMENTS ENTERED BY OPERATORS APPEAR BELOW THIS LINE:

\*\*\*\*\*  
 \*\*\*\*\* 550 POINT DESCRIPTION \*\*\*\*\*

01. R/FRONT SILL SETUP
02. R/REAR SILL SETUP

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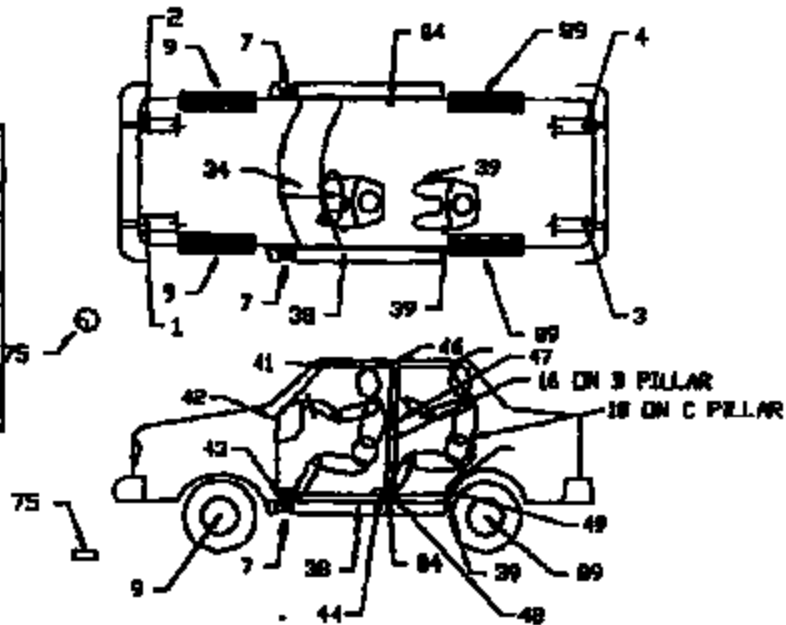
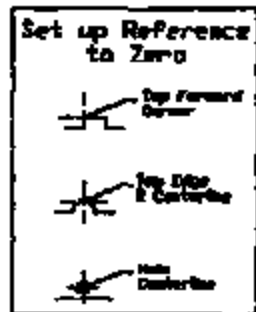
## \*\* COMMENTS \*\*

THE FOLLOWING ARE INTERIOR ACCELS :

03. CL TUNNEL BETWEEN SEATS
04. CL TUNNEL FWD OF MODULE
05. CL TUNNEL ON MODULE
06. LH B-PILLAR MID
07. LH B-PILLAR MID
08. LH B-PILLAR AT ROCKER
09. RH B-PILLAR MID
10. RH B-PILLAR MID
11. R B-PILLAR AT ROCKER
12. ON SENSOR UNDER LH FRT SEAT
13. LH SEAT X-MEMBERS
14. RH SEAT X-MEMBERS
15. ON SENSOR UNDER RH FRT SEAT
16. LH B-PILLAR ON SENSOR
17. RH B-PILLAR ON SENSOR
18. LH ROCKER @ FRT SEAT X PT.
19. LH ROCKER @ B PILLAR
20. LH ROCKER @ C PILLAR
21. RH ROCKER @ FRT SEAT X PT.
22. RH ROCKER @ B PILLAR
23. RH UPPER RAD SUPPT
24. RH RAD SUPPT MID
25. RH RAD OS BRACKET
26. RH BUMPER REINFORCEMENT
27. UPPER RAD SUPPT NEAR LATCH
28. LH UPPER RAD ON SENSOR
29. LH RAD ON BRACKET
30. LH RAD MID
31. LH RAD UPPER
32. LH BUMPER REINFORCEMENT



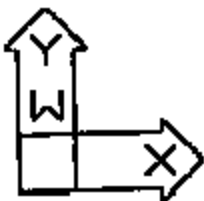
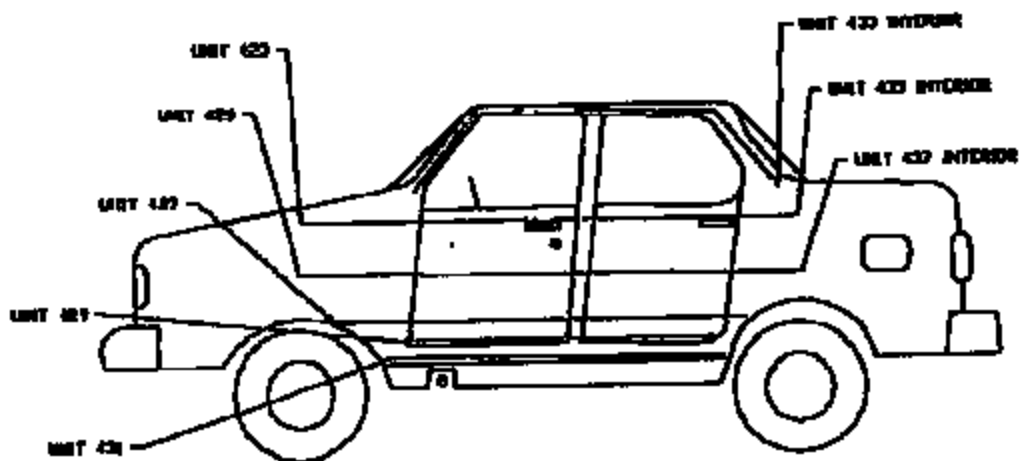
CONTROL POINTS (SIDE IMPACT CAR) REQUEST 404  
 UNIT 70 POINT 75  
 UNIT 71 POINTS 7 LEFT & RIGHT  
 UNIT 74 POINTS 41-44,46-49 ON SIDE OF IMPACT  
 UNIT 74 POINTS 53,54 ON SIDE OPPOSITE OF IMPACT  
 UNIT 411 POINTS 1-4,38,39,84  
 UNIT 412 POINTS 9,16,18,89 LEFT & RIGHT  
 (LEFT SIDE IMPACT SHOWN)



REQUEST 411 13-16 960 12/96

INSTR 1

EXTERIOR & INTERIOR HORIZ. RECTANGULAR SSBG IMPACT  
REQUEST 423,425,427,429,431,433,435,437



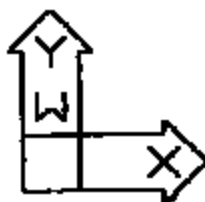
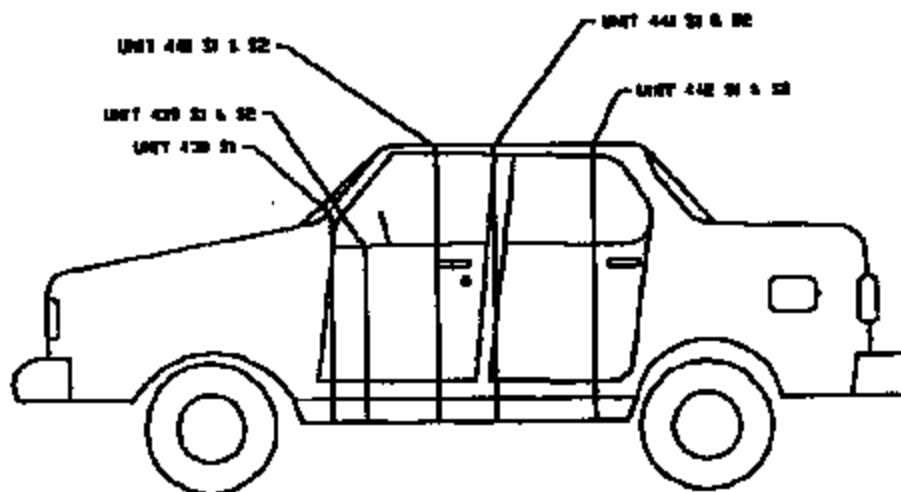
REQUEST 423,425,427,429,431,433,435,437 EPMC 977 08/96

ENCLOSURE

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REQUEST 428 - 442 VERT. SECTIONS SIDE IMPACT  
UNITS 428 SI, 429 - 440 SI & SI2  
SI SECTIONS ARE EXTERIOR. SI2 SECTIONS ARE INTERIOR



REQUEST 428 - 442 WPIC 379 10/76

INTELL

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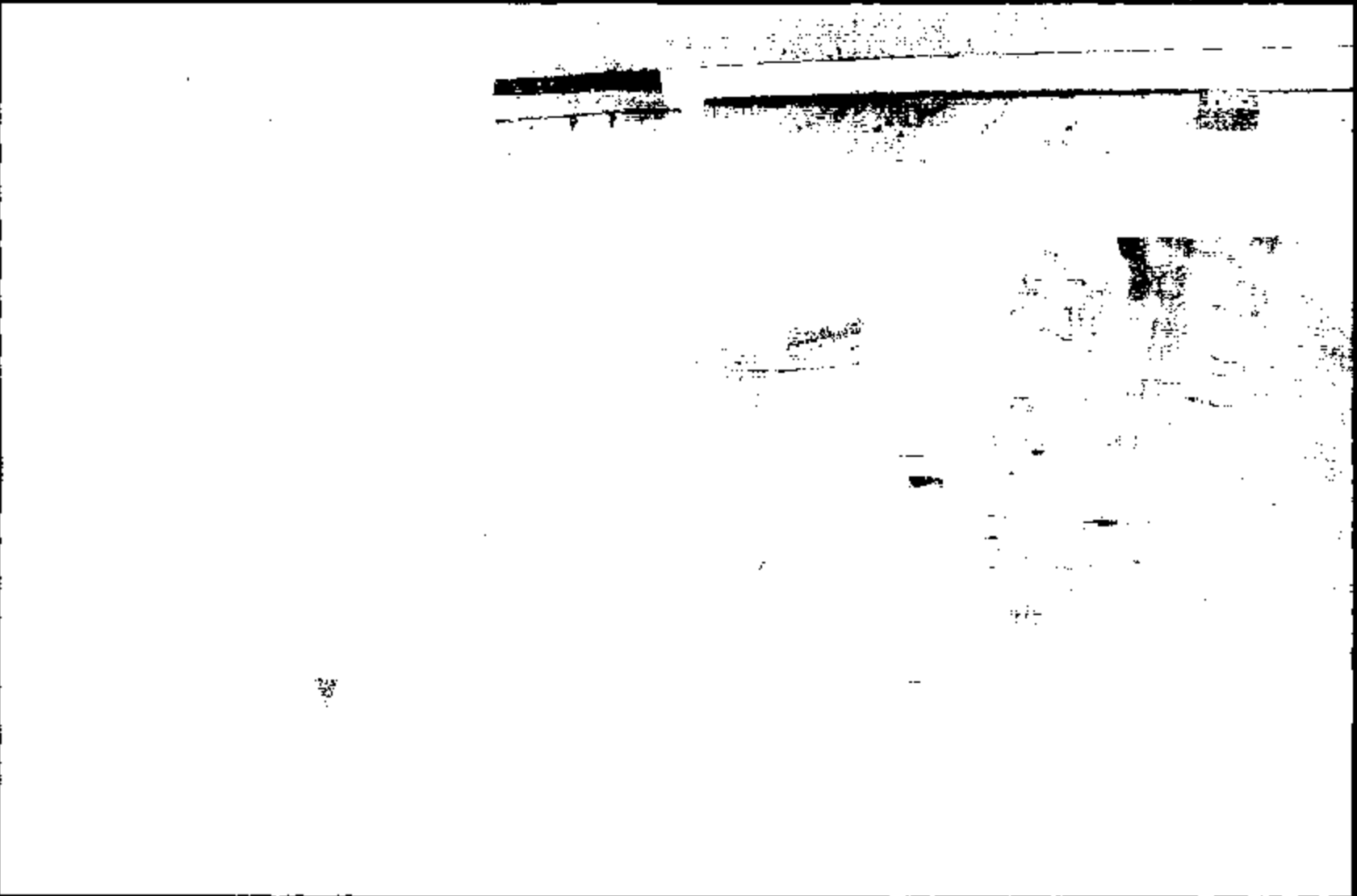
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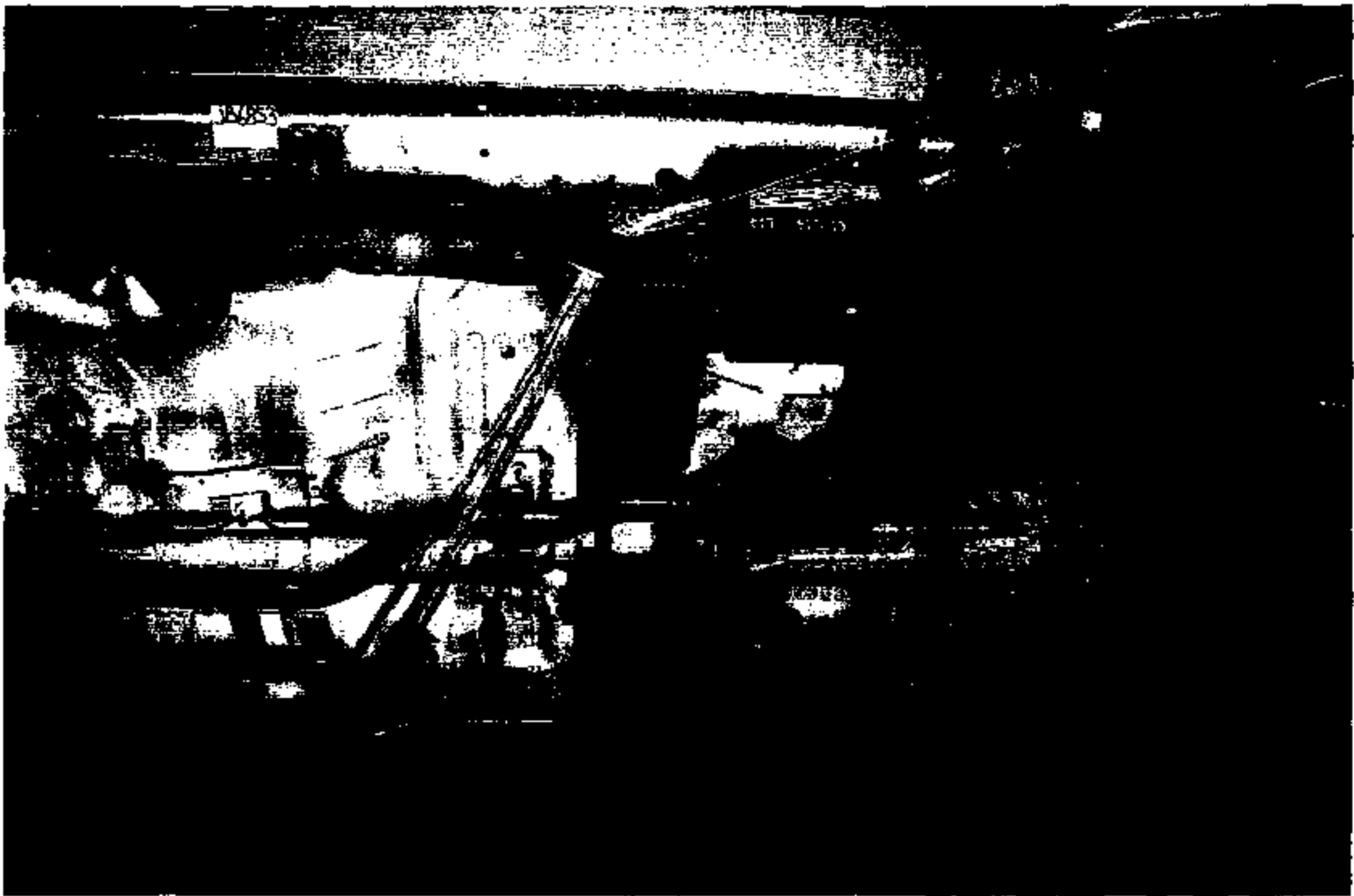


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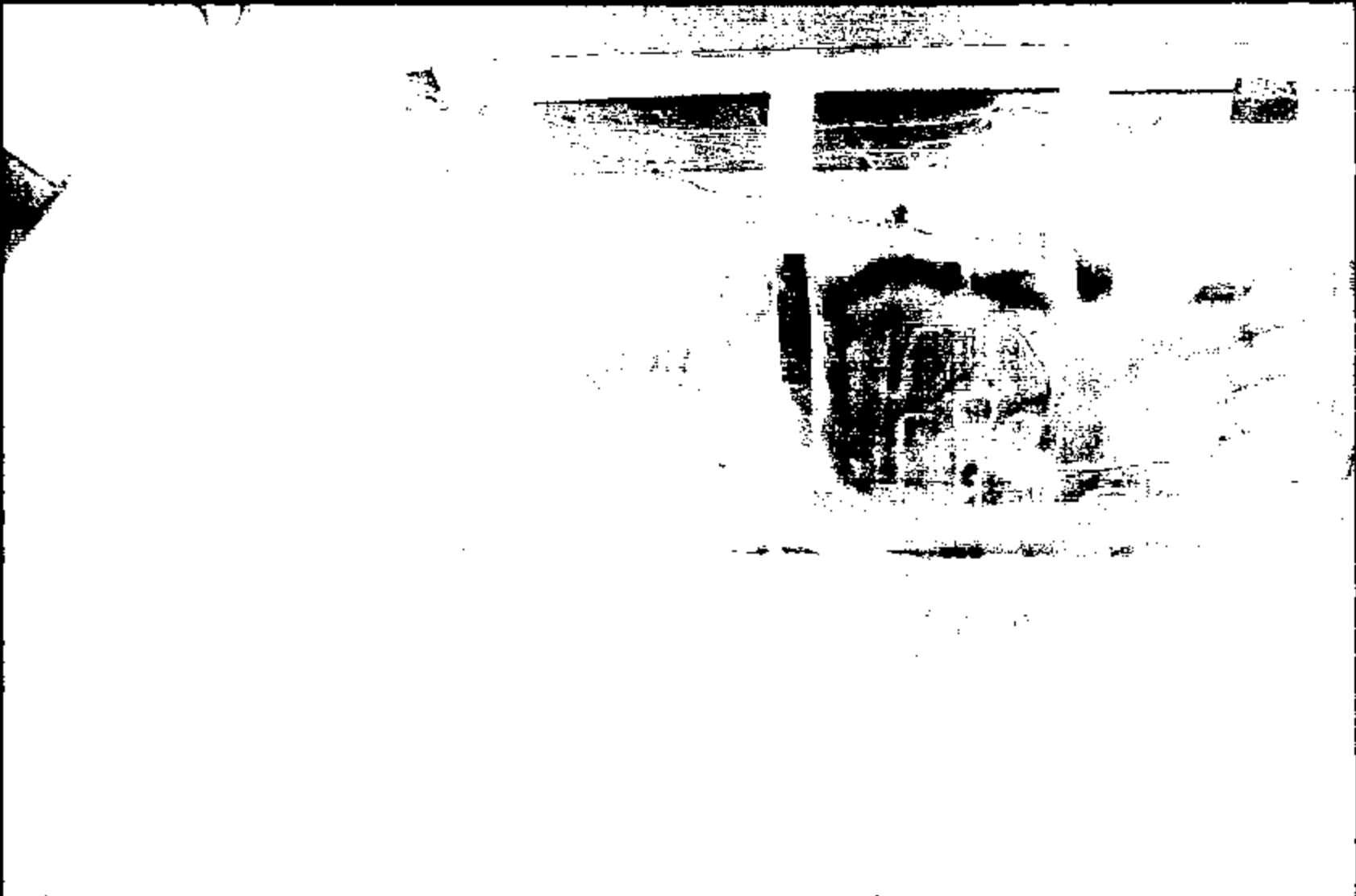
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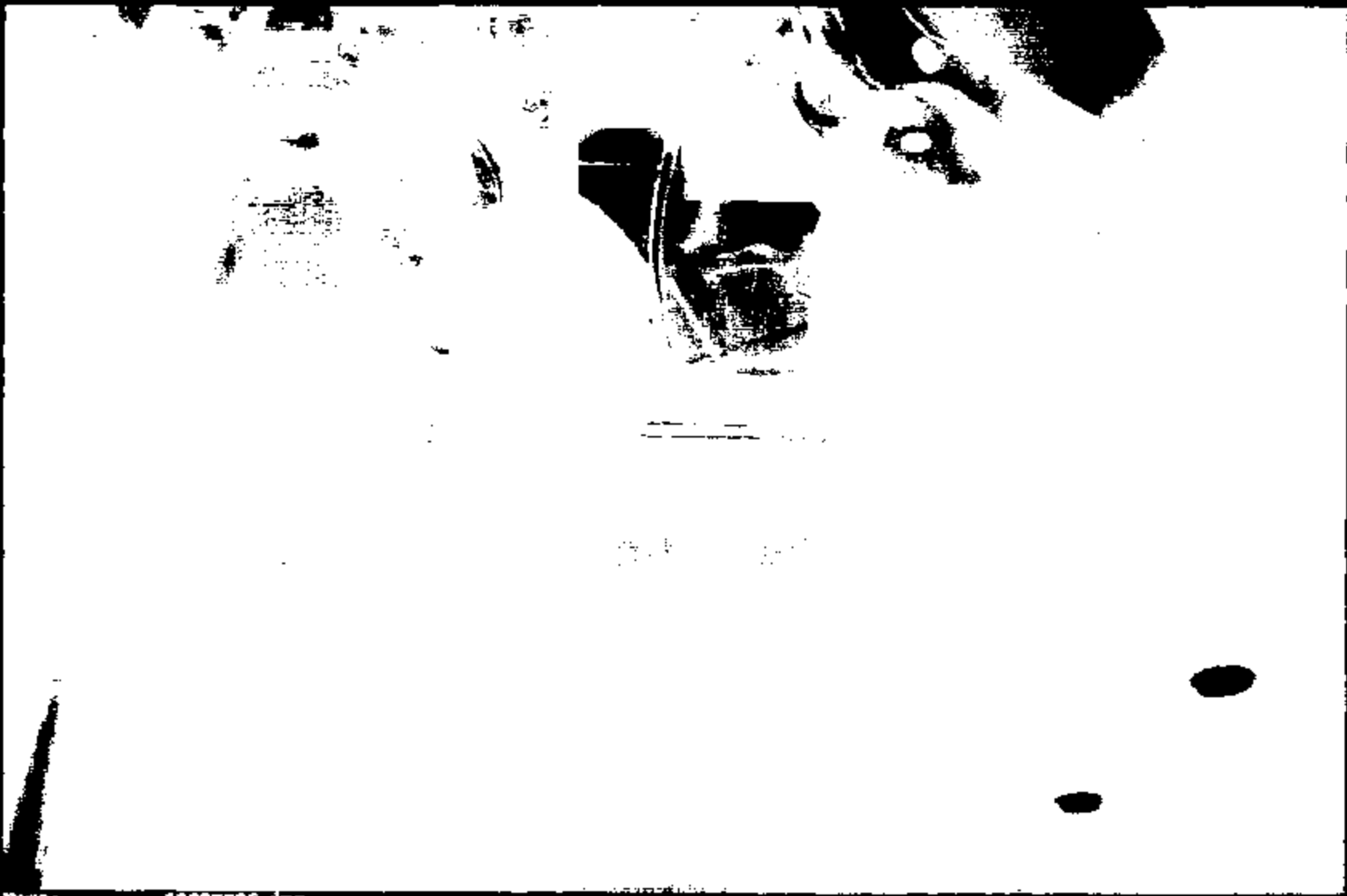


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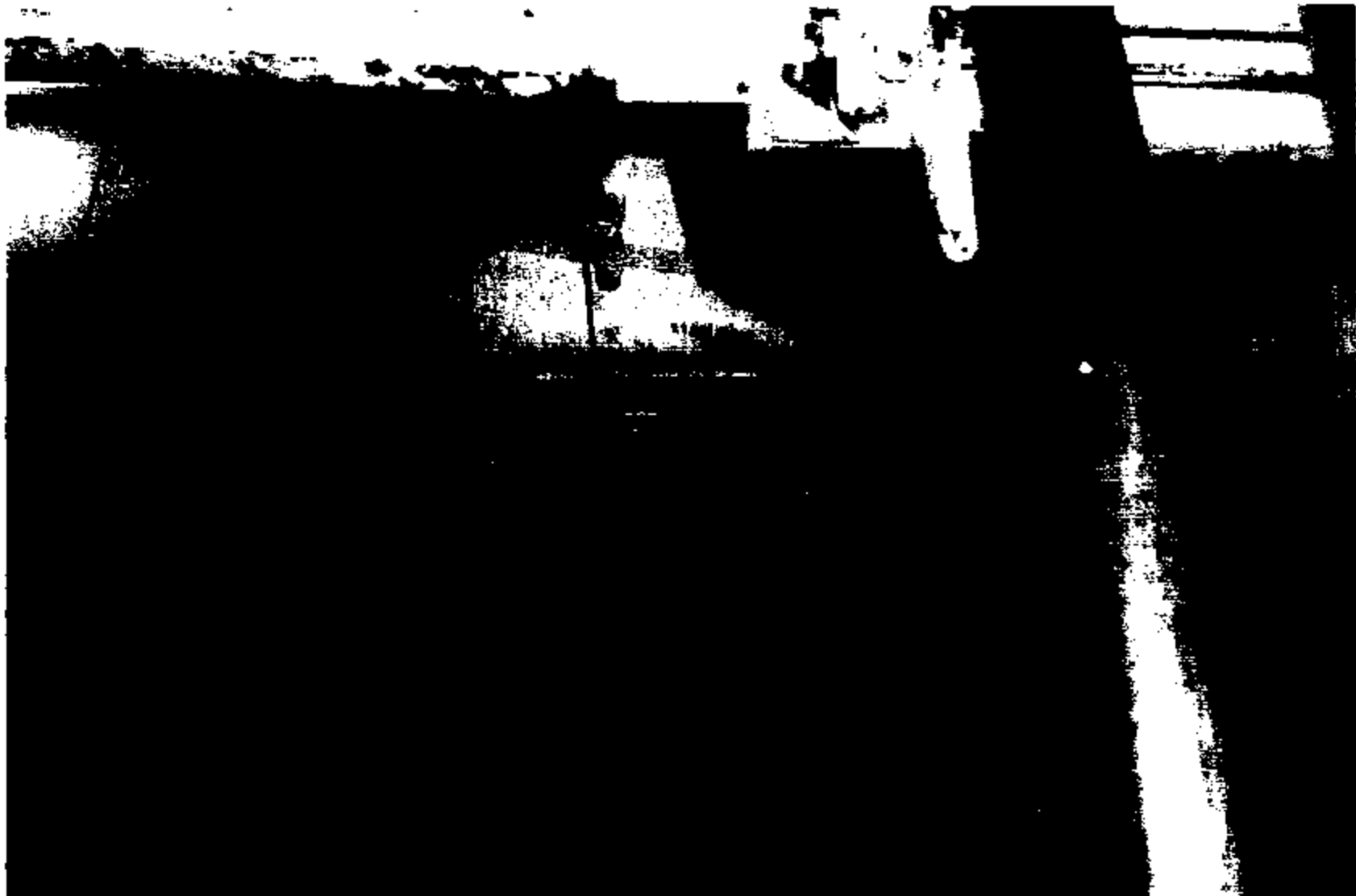




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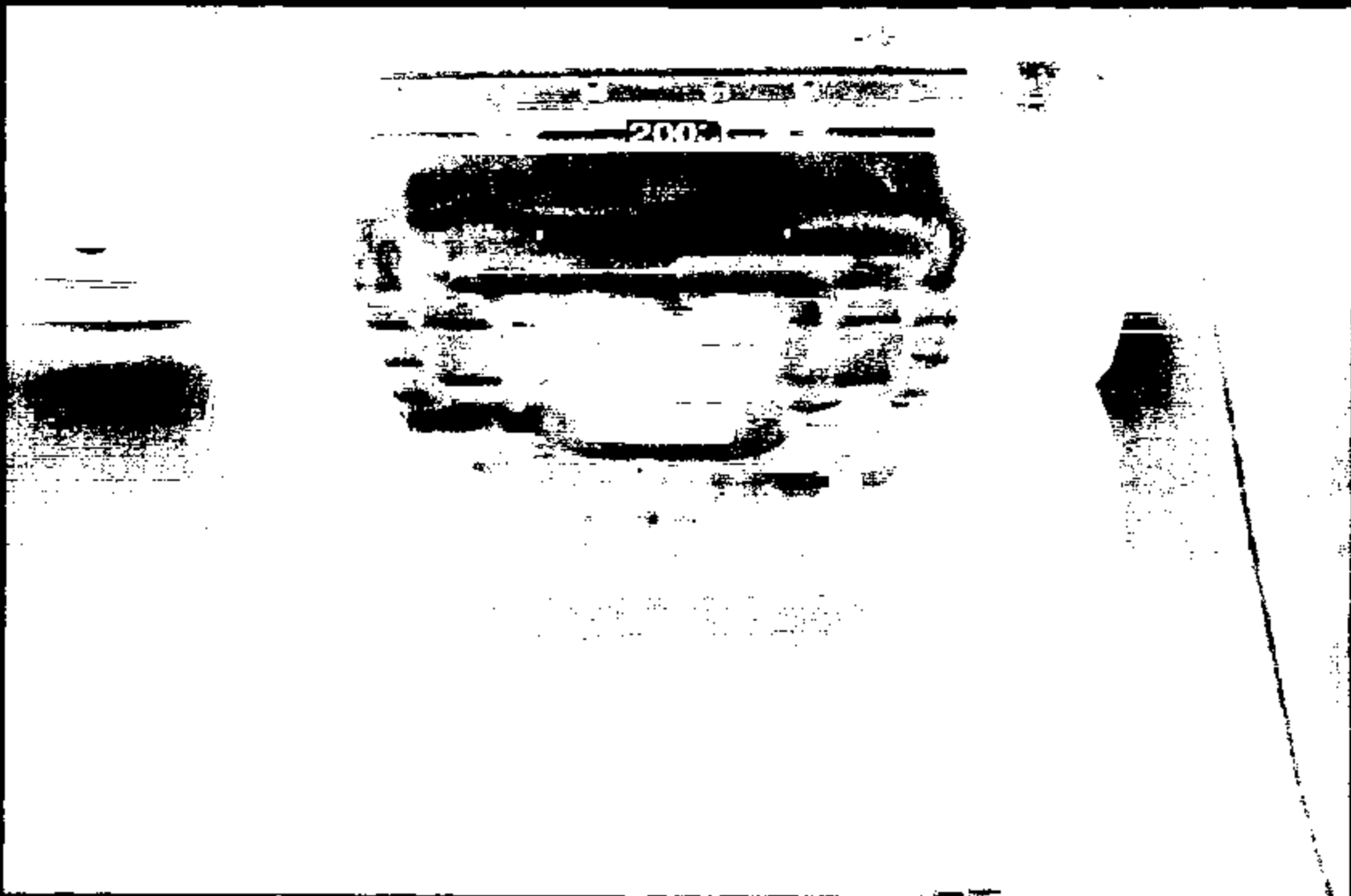
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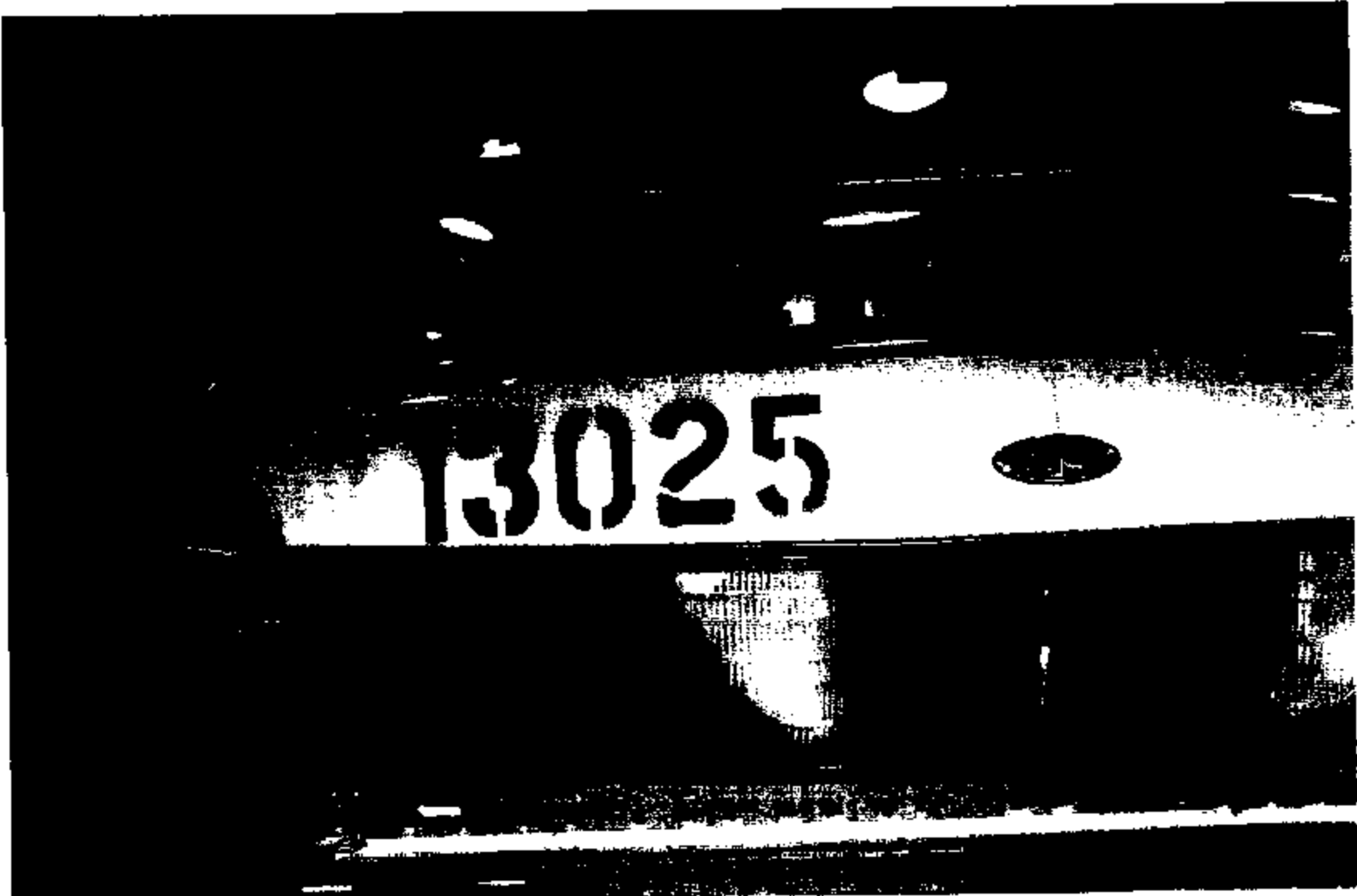
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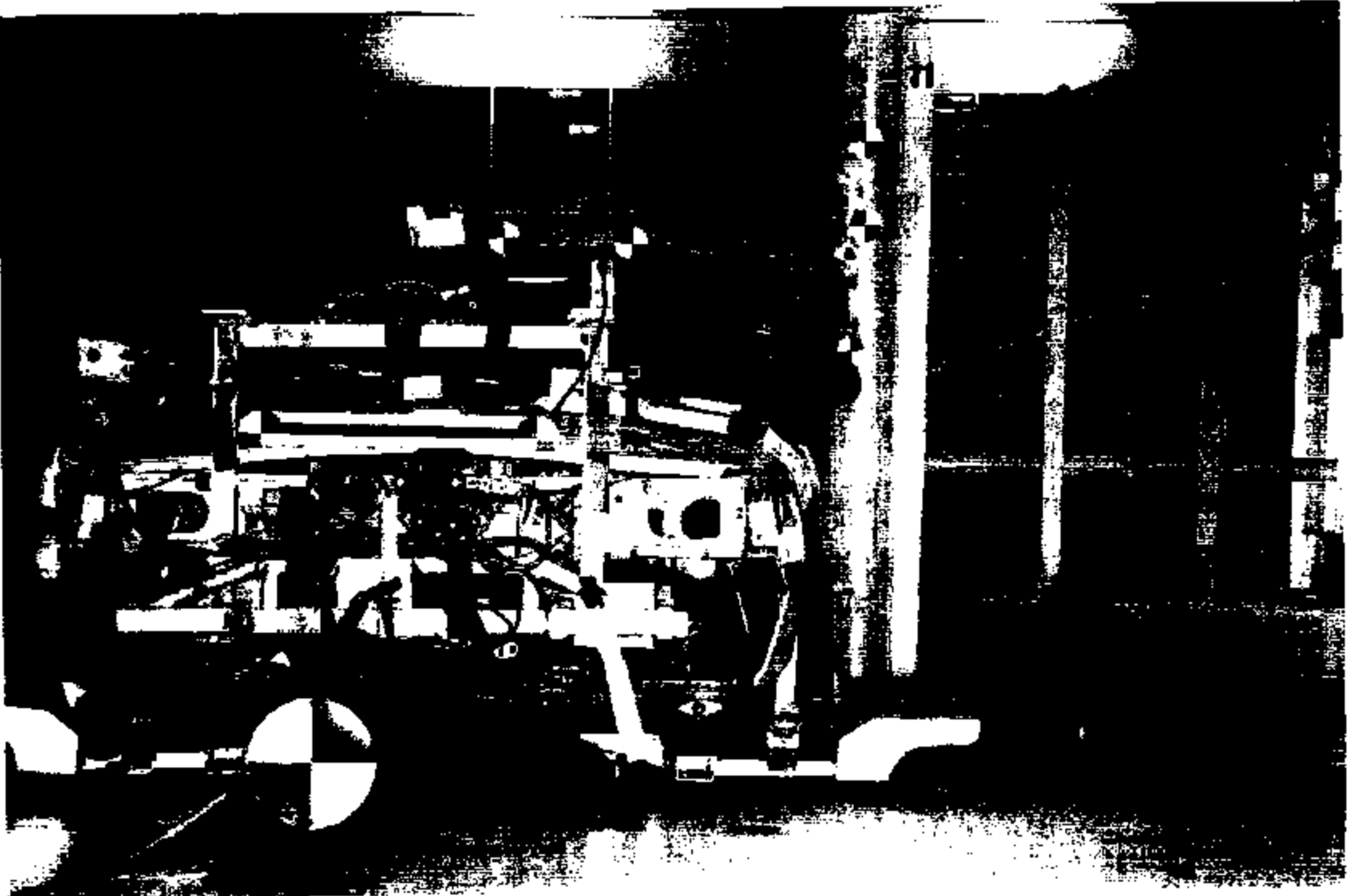


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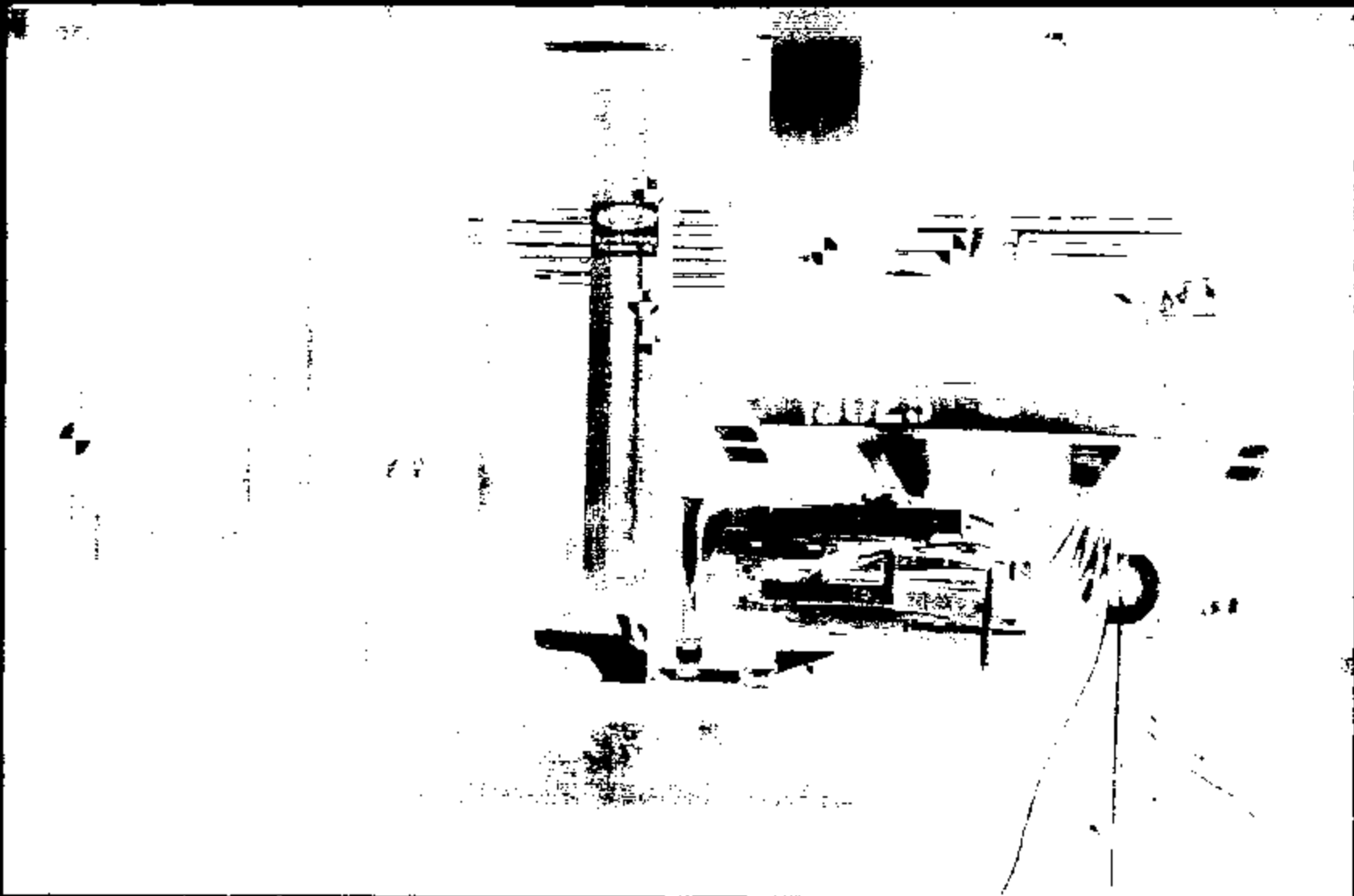


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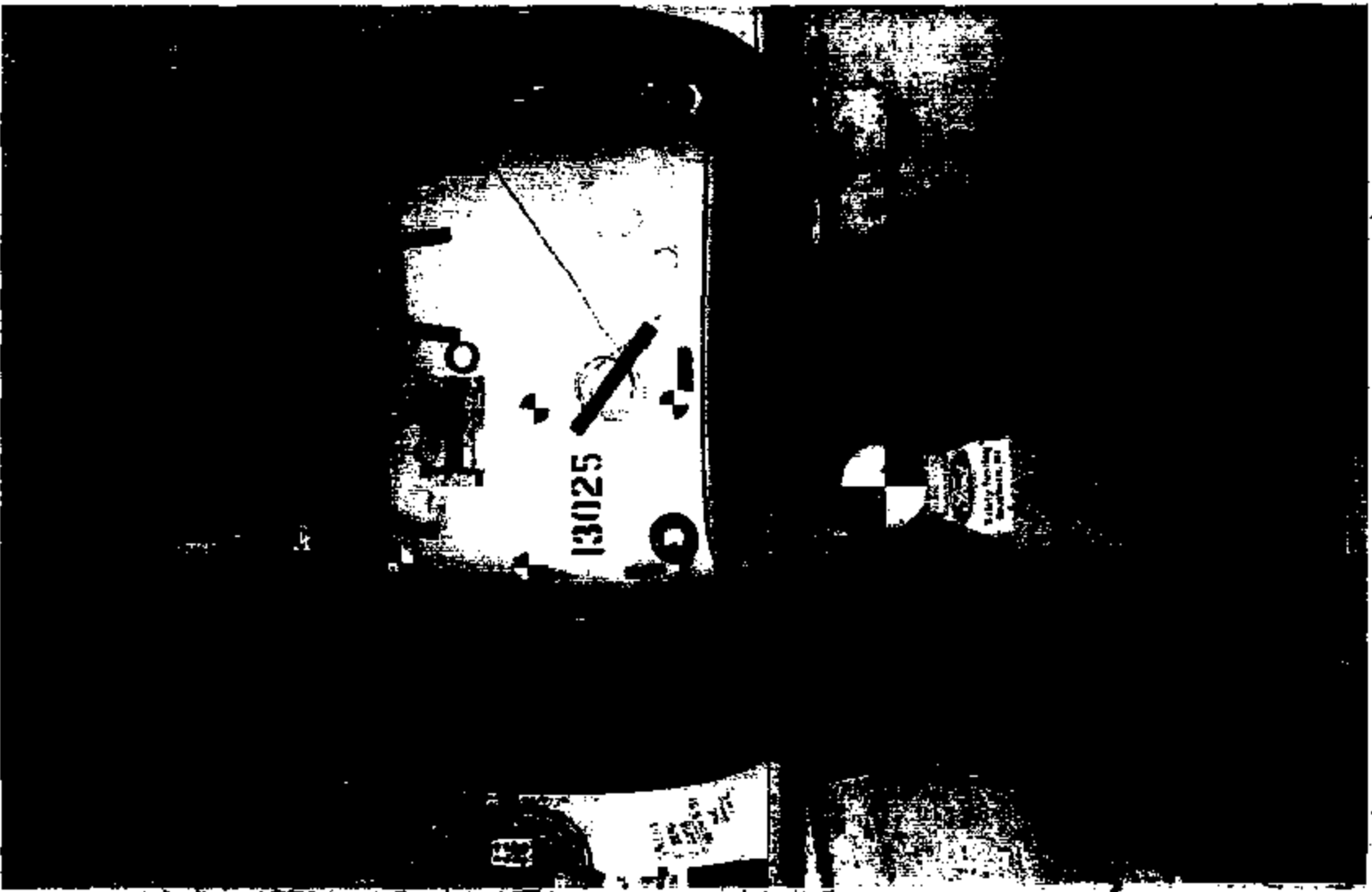


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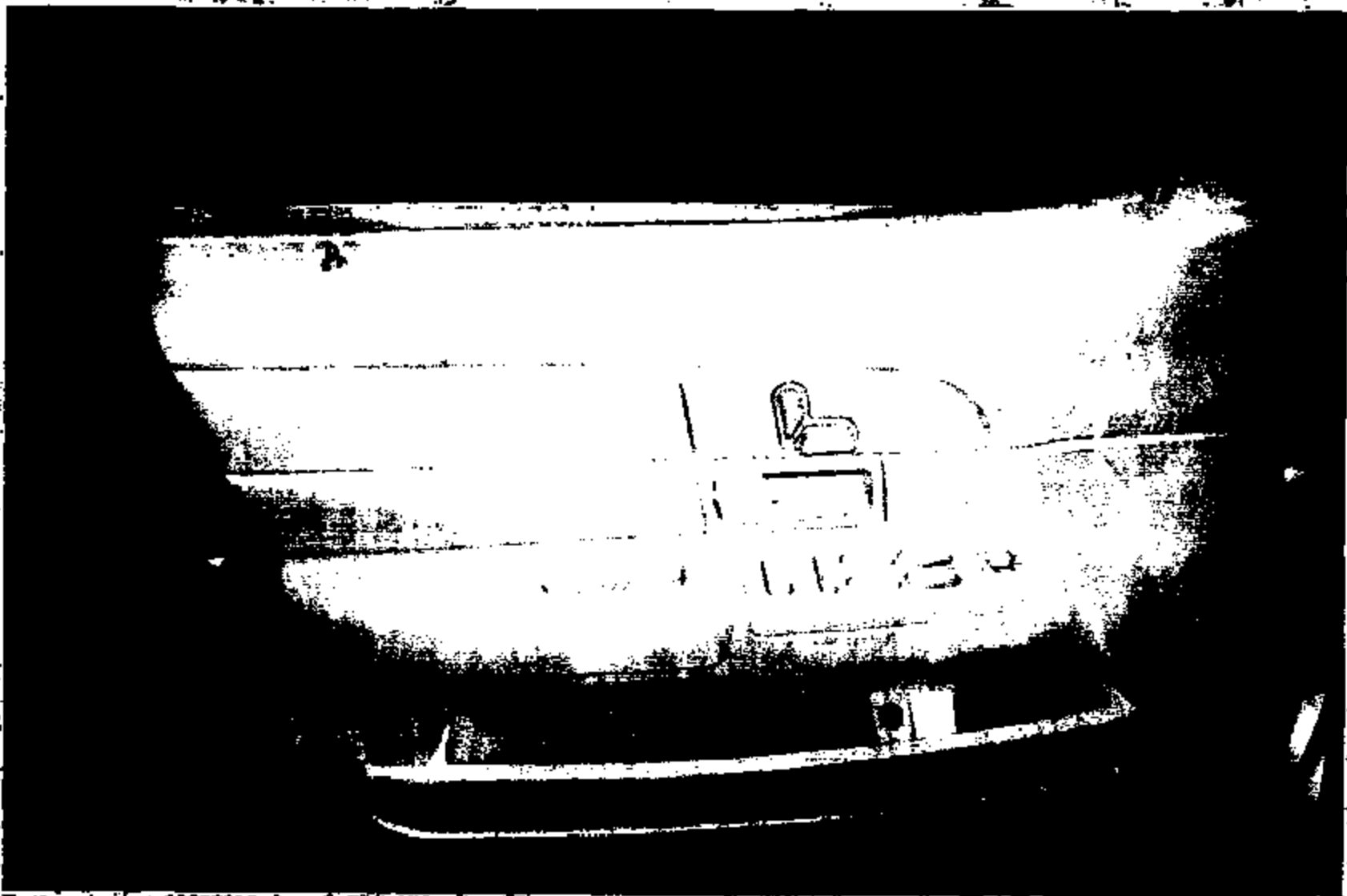


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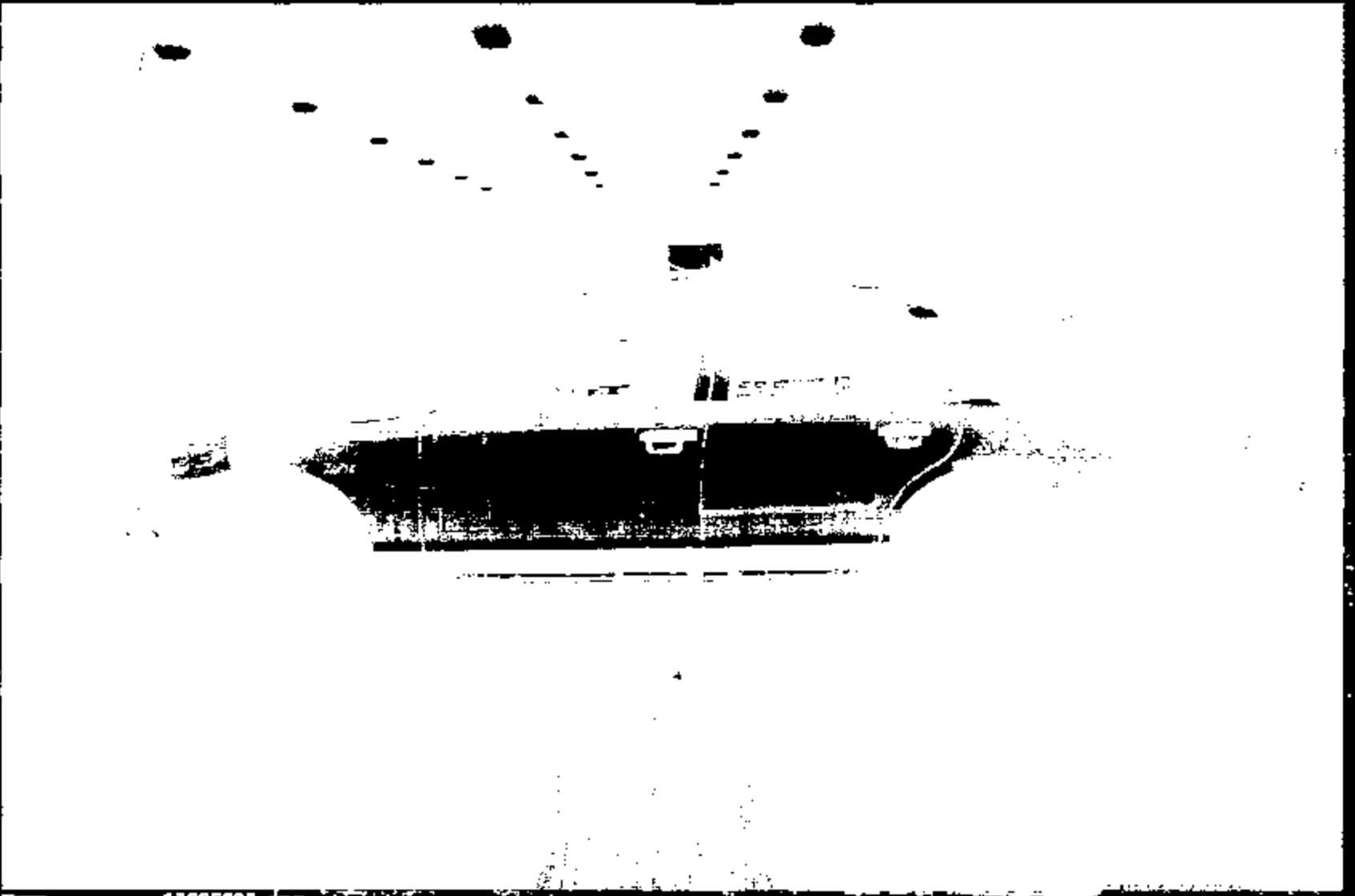


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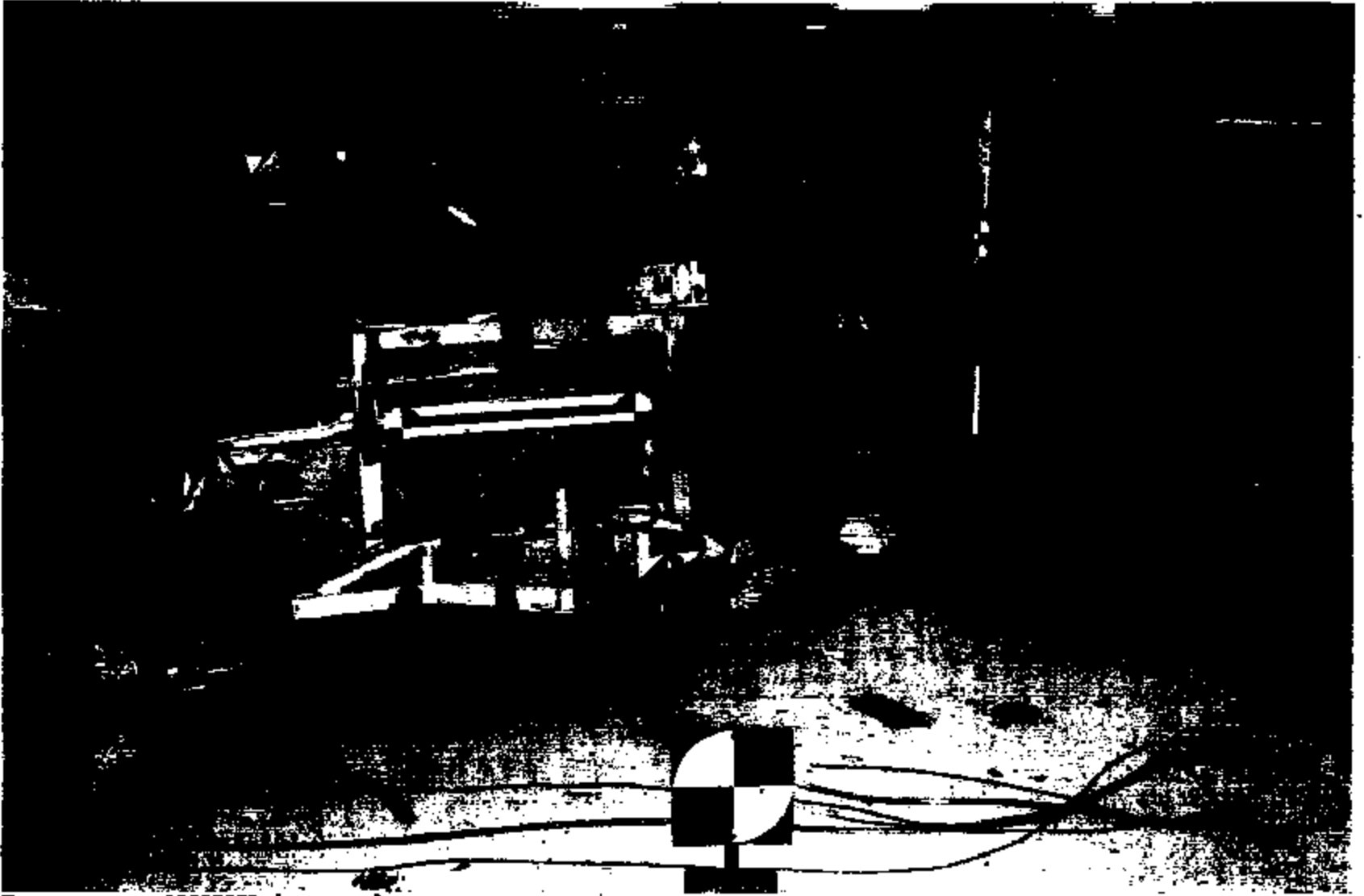




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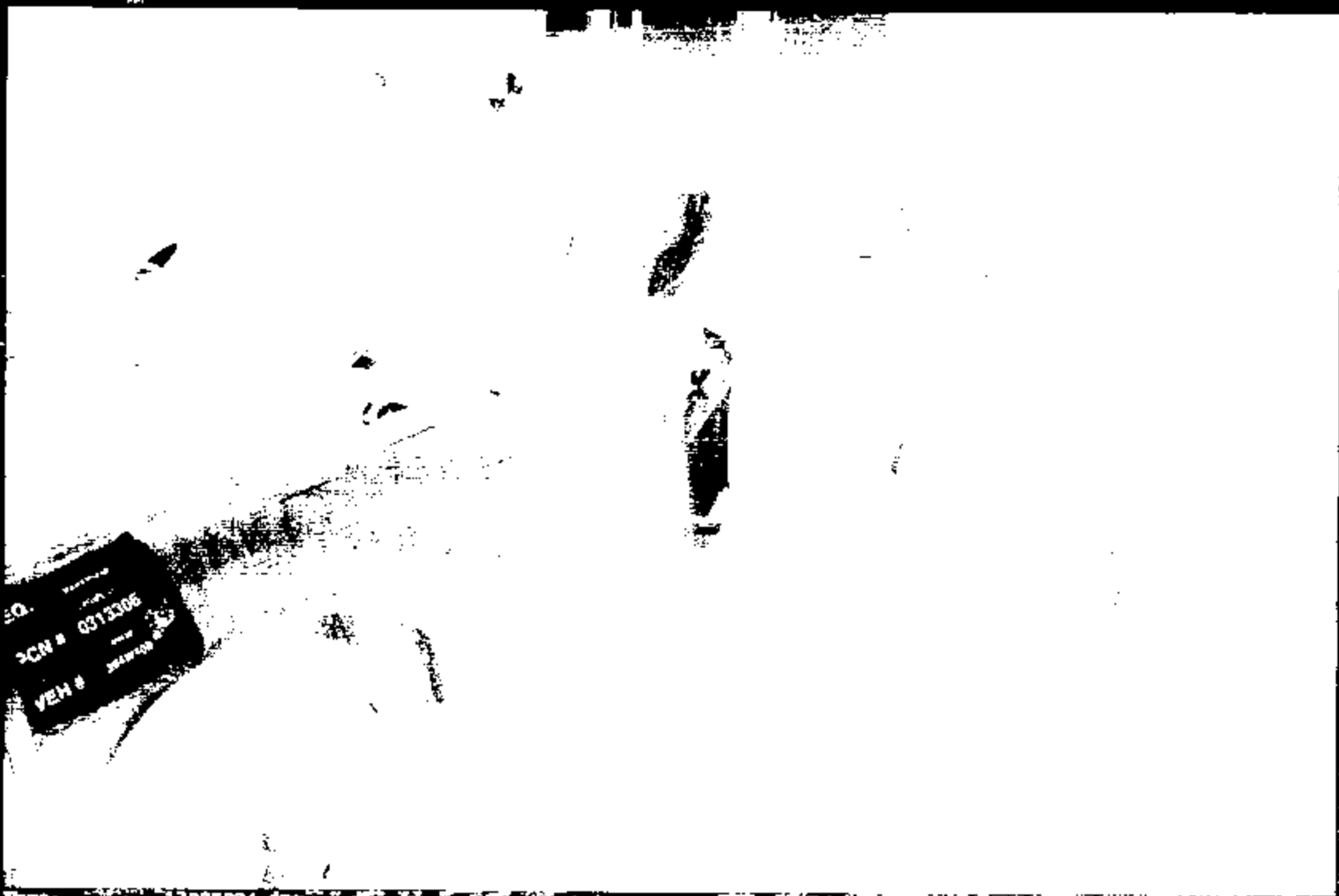
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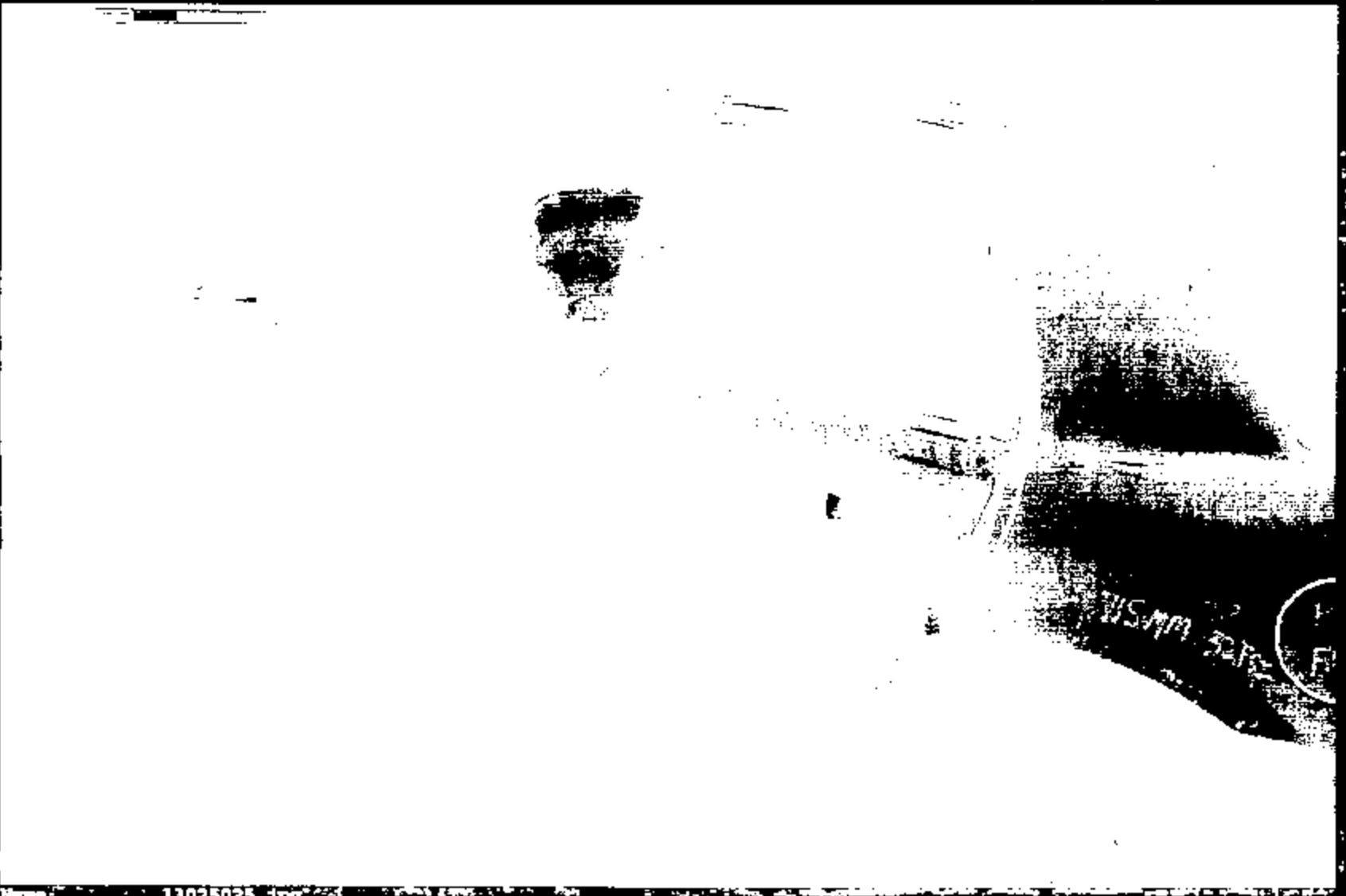
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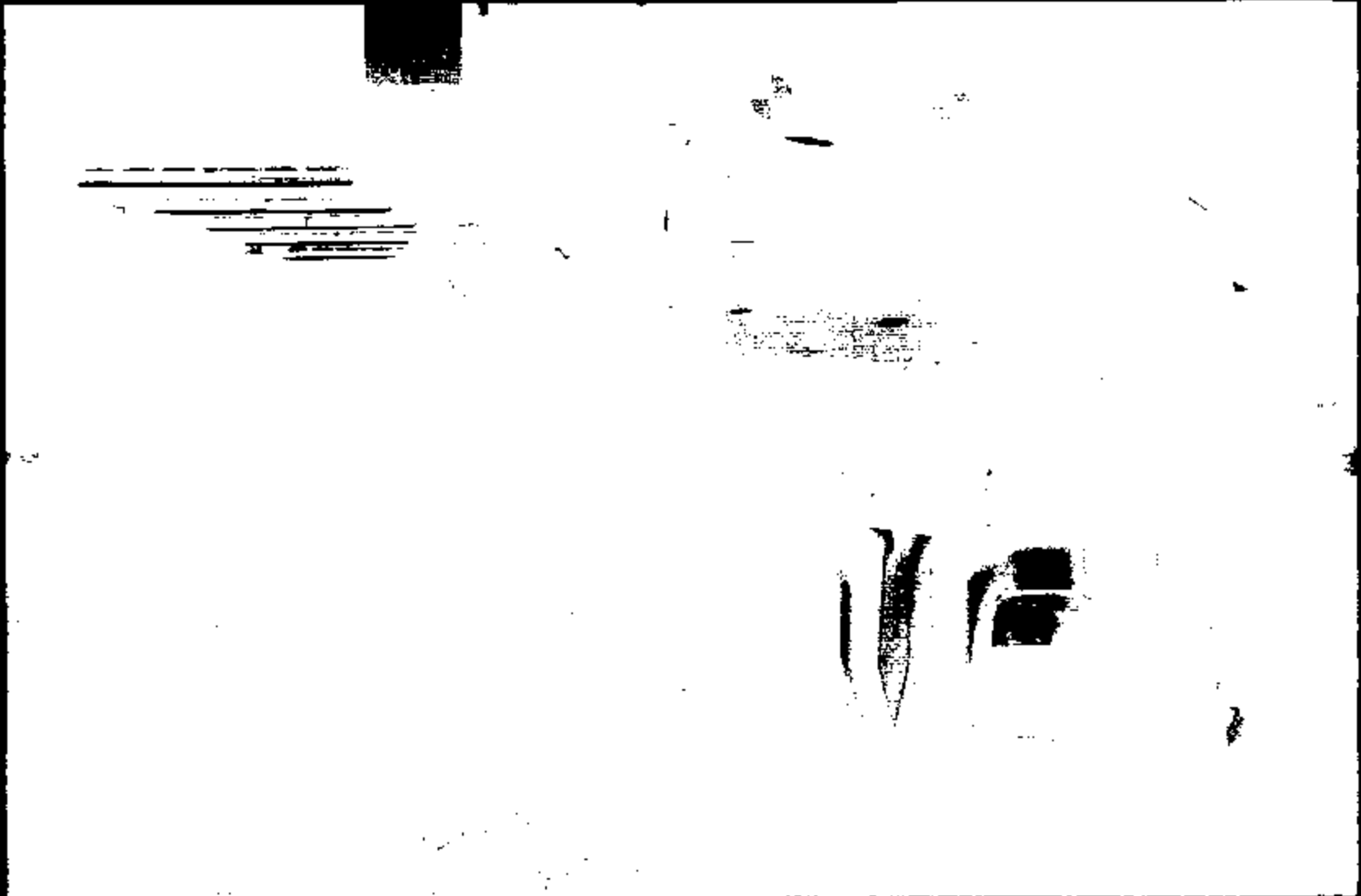
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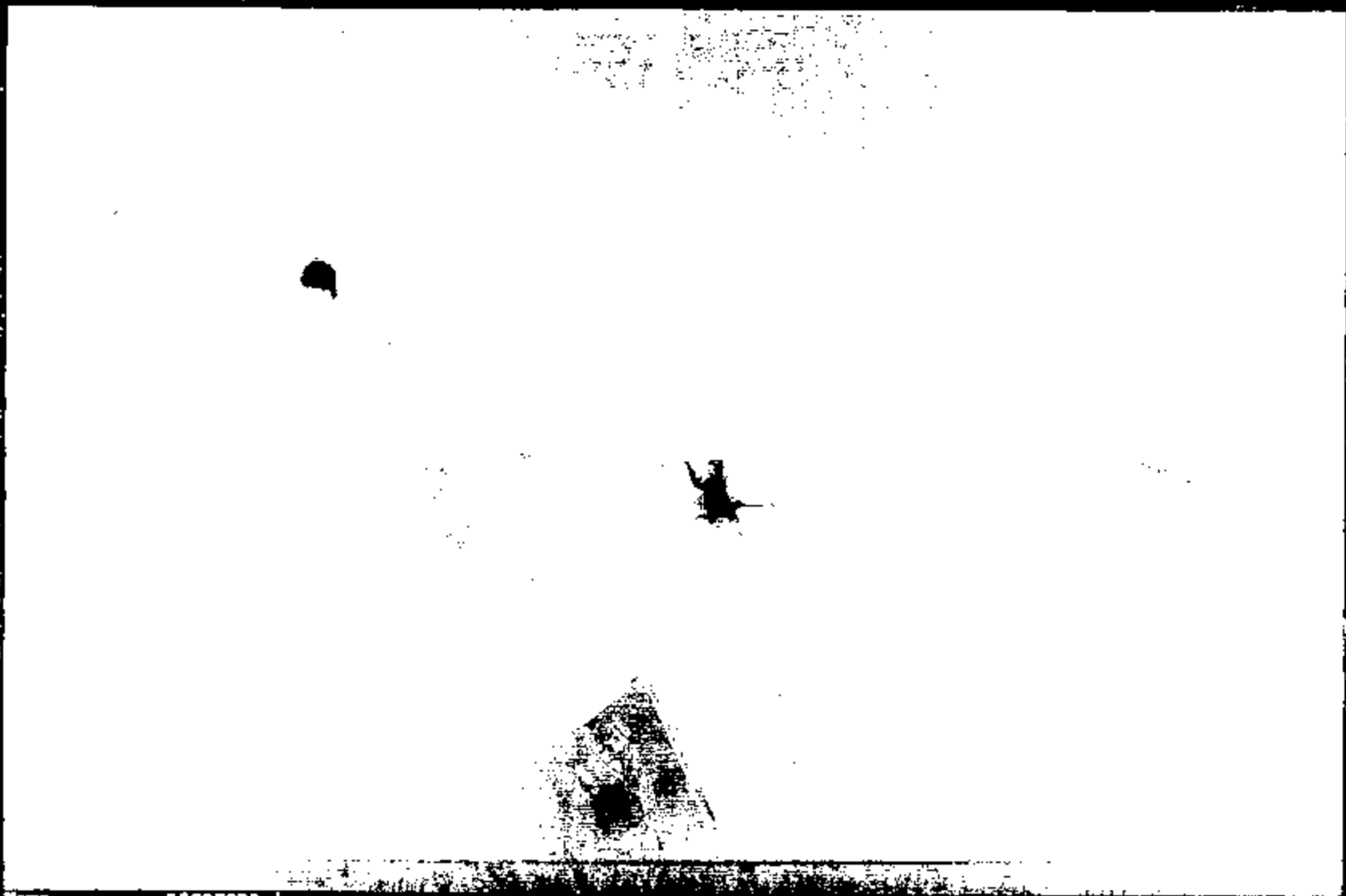
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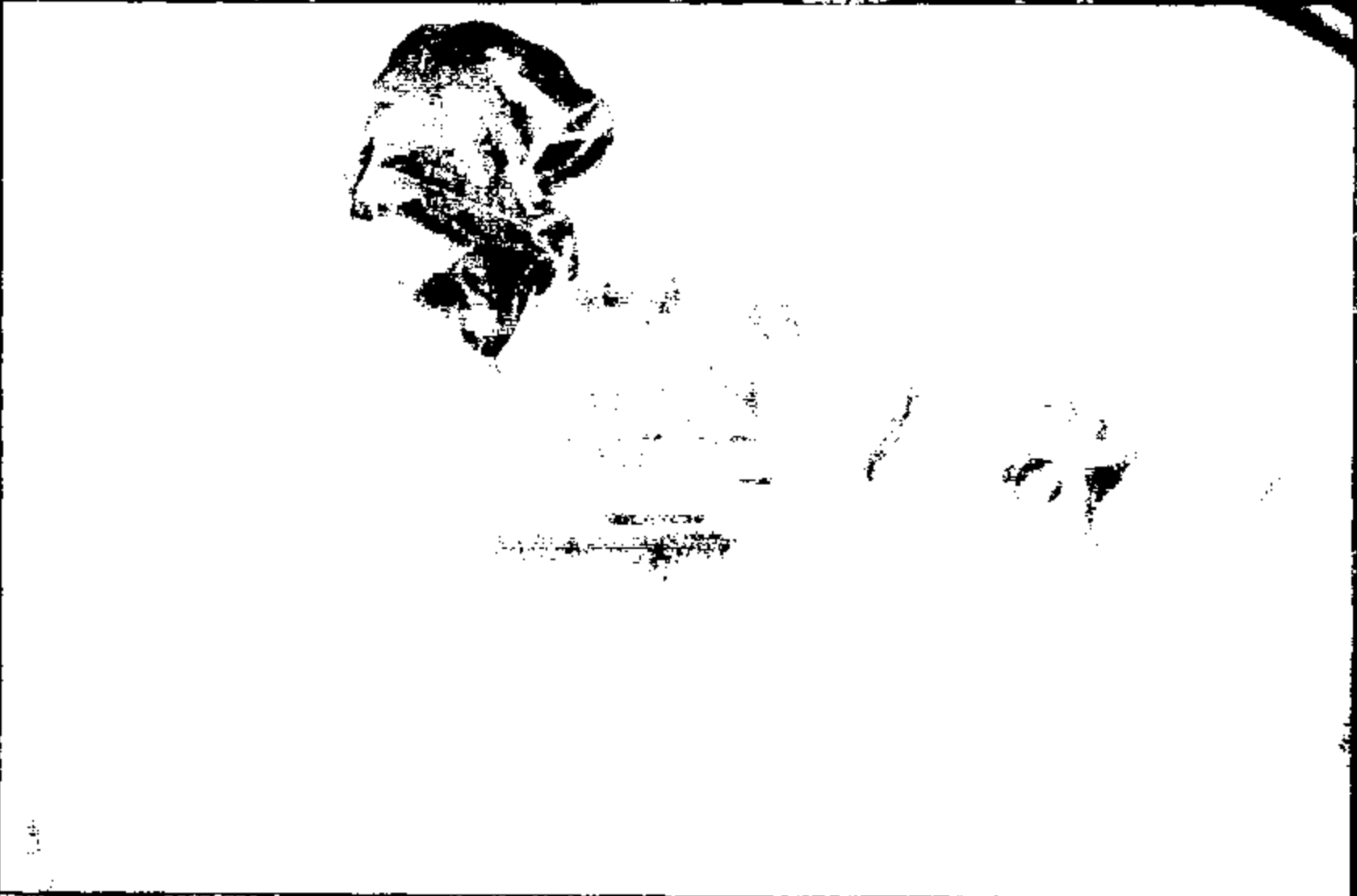
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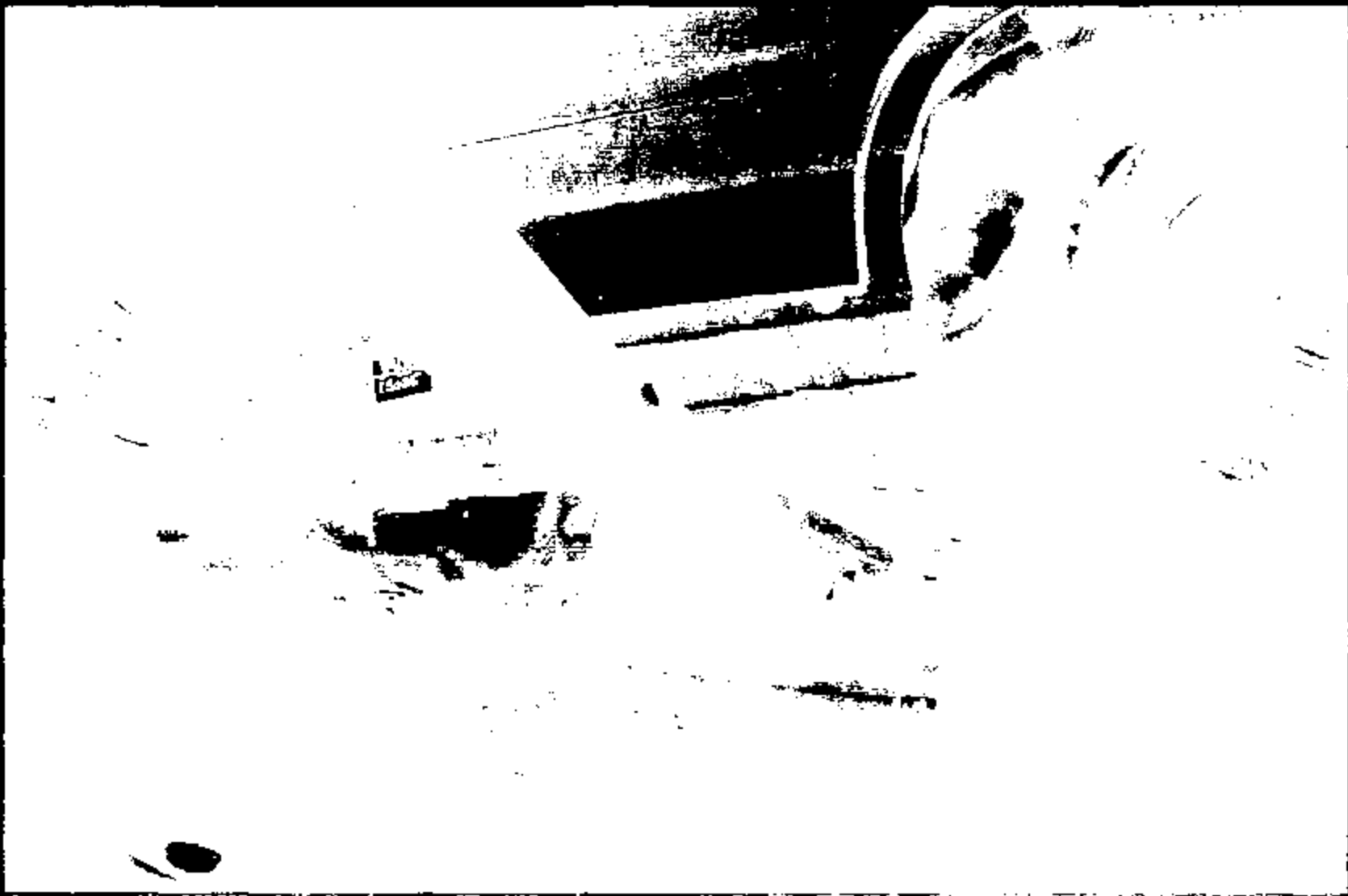


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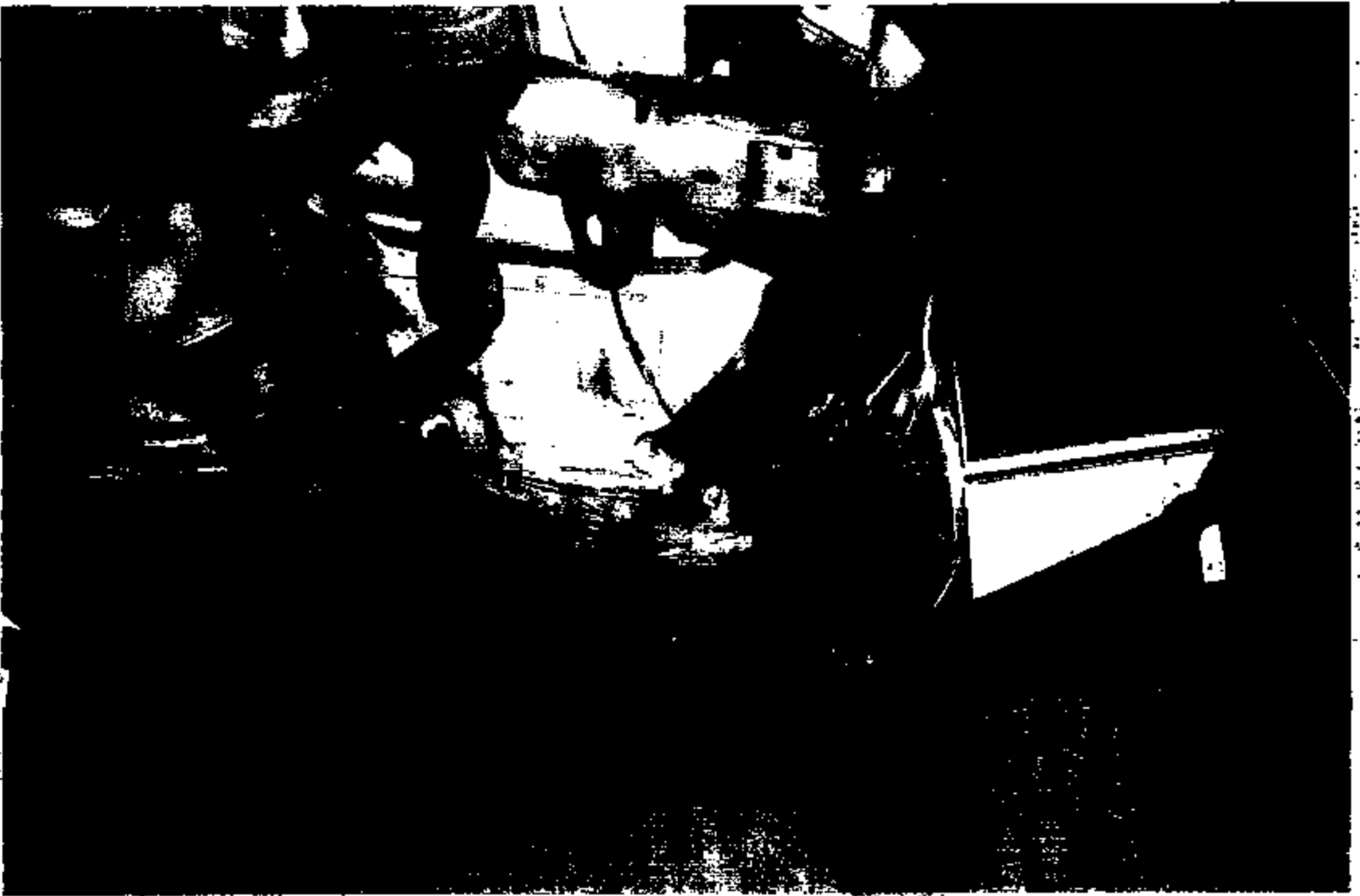
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## TEST DETAIL REPORT

### TA Overview

TA No.	Facility Group Name	Program Year	Program ID	TA Title	No. of Subtests
J04833	EMERY	2001	EM14	13 mph (18 mph) Side Pole (10") (SBL) (SCL) - <del>4007171000000000</del> <b>DEVELOPMENT</b> <i>IMRY</i>	<b>7-31-02</b>

Requesting Dept #	Work Unit #	FTE	Creation Date	Elimination Date	Last Revised Date	Suggested Expiration Date
SI04161	223		06/25/2002	06/25/2003	07/23/2002	07/23/2003

Contact Information					
Job Function	Title	Name	Phone	Email	Shift
REGISTRAR	Director	Frank, M. A. (Borjesson)	1-313-3372003		Day
FIELD COORDINATOR	Specialist	Cieslak, J. J. (John)	1-313-8452275		Day
APPROVING SUPERVISOR	MANAGER	Wibbels, M. A. (Borwan)	1-313-3371603		Day
FIELD SERVICE TAG MANAGER	Specialist	West, S.B. (Scott)	1-313-3944212		Day

Comments:

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Schedule No. 7-7-12

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## TEST DETAIL REPORT

### TA/Matrix's Overview

T.A. No.	WHS Run #	Test Sub	Facility Name	Requested Test Velocity	Crash Mode Angle	Crash Mode Impact Area	Test Type
JN0011 1			EA	11	90 Degree	Left Side Pole 1st Row	<del>Crash Test</del> DEV.
<b>Comment:</b> Run with the dummy linked to the test for summer performance			<b>Test Equipment:</b> FARM 101 Side Pole Hits (sliders)		<b>Test Orientation/Comments:</b> CRASH DEVELOPMENT Side Impact Protection VAD Safety Design Guidelines		

MZ4  
7-31-02

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## TEST DETAIL REPORT

### Test Matrix Comments

- 1 Run with Left Front side window DOWN
- 2 Crind through 68 frame cross-member service tabs
- 3 color contrast underbody components

### File Analysis Information

Measurement Location	Object		
Dummy Head	NET VEHICLE LATERAL	Displacement, Velocity, Acceleration	
Dummy Head	NET VEHICLE VERTICAL	Displacement, Velocity, Acceleration	
Dummy Head	NET SOLE	Displacement, Velocity, Acceleration	
Dummy Head	NET VEHICLE RESUBSTR	Displacement, Velocity, Acceleration	
Impact Speed	NET GROUND	Velocity	
Vehicle	NET SOLE INJECTION (OVERHEAD)	Displacement	
Dummy Chest	NET VEHICLE LATERAL	Displacement, Velocity, Acceleration	

Comments

### Media Request

- 3 Copies of High Speed(25) Film required
  - 3 Copies of High Speed(25) Film on VHS
  - 3 Copies of High Speed(25) Video on VHS
  - 3 Copies of High Speed(25) Video on SLL format VHS(Europe)
  - 3 Slits on CD
  - 3 Data on CD
  - 3 Digital High Speed(25) Film on CD 1
  - 3 Slits Printed
- Comments

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# TEST DETAIL REPORT

TA # J24533  
Matrix # 1

### Object/Vehicle General Information

Test Object	Vehicle Year	Vehicle Make	Program Prototype Level	Vin #	Tag #	Mail #	Dimensional Analysis
TARGET	2003	CADILLAC VICTORIA	EPT	2H4P7182Y100019 ✓			W

Model/ Picture #: 294H/48  
7727  
7-31-02

### Object/Vehicle Body Information

Object	Vehicle Type	Index Position	Body Type	Body Style	No. of Doors	Seat Type
TARGET	CAR	Left	DOOR ON FRAME	SEDAN	4	

### Object/Vehicle Mechanical Information

Object	Engine Type	Transmission Type	Drive Type	Wheel Base	Suspension Type
TARGET	4.9L 2V	4A70W	FRONT 2WD	114.7	CONVENTIONAL FRONT & REAR

tires (Min. Pressure): front (P225/60R16, 32 psi)      Rear (P225/60R16, 32 psi)      Spare (, psi)

### Object/Vehicle Side Height Info

Object	Position	Height	From	To
TARGET	Front	718 mm	WHEEL CENTER	TO BUMP
	Rear	714 mm	WHEEL CENTER	TO BUMP
	Attitude	deg.	From	To

Comments

### Object/Vehicle Fuel Information

Object	Tank No.	Fuel System	Capacity (gal)	util	Fill Amt. (gal)	Service Item (psi)	Temp.	Fill Rate (psi)	Comments
TARGET	1	Gasoline	15	0%	0				Do not fill with standard

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# TEST DETAIL REPORT

TA #            2M493  
 Matrix #       1

## Object/Vehicle Weight Information

Object	Curb Weight	Requested Test Weight	(+21% Var. / -21% Var.)	Actual Logpage Load	Gross Vehicle Weight Rating (GVW)	Test Object Option Weight
TRUCK	Front	2332	(+13/-)	2296	280	336 Option Weight
	Rear	2369	(+13/-)	2378		
	Total	4601	(+26/-)	4674		

### Comments

#### Weight Reduction Options

BATTERY  
 ENGINE  
 FUEL TANK  
 Front Bumper  
 Headlights  
 Radiator  
 Coolant Bottle  
 Washer Fluid Bottle  
 Air Cleaner  
 Alternator  
 A/C Compressor  
 Rear Seats  
 Spare Tire  
 Jack  
 taillights  
 Rear Bumper

#### Weight Addition Restrictions

Seats  
 Front Seatbelt  
 Front Seats

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# TEST DETAIL REPORT

TA # J06053  
Matrix # 1

## Dummy Information

Object	Area	Section	Dummy Size/Type
TARGET	LEFT	FRONT	510/5111

## Seat Information

Object	Area	Section	Seat Track Len	Vert Track Pos	Seat Back Angle	Seat Back Angle Reference	Seat Back Angle	Head Back Pos	Arm Rest Pos	D-Ring Pos
TARGET	LEFT	FRONT	510	FRONT DOWN	39	Back of Frame Lin (330mm) from Pivot Point	15		In Stowed Position	4 - (3 notches from Full up)
Seat ID Code	8995		Right Seat Ref(x,y,z)	(121.4, -15.5, 27.4)	Test # Point(x,y,z)	(122.2, -15.5, 27.7)			Video [Y/N]	N

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# TEST DETAIL REPORT

TA # J26033  
Matrix # 1

## Squib Information

Squib Number	Squib Name	Weight	Firing Wire (ms)
LEFT/RIGHT SIDE IMPACT AIRBAG-SAB1	LEFT SIDE AIRBAG		RESISTOR SYSTEM FIRE ONLY

## Hardware Information

Object	No	Item Name	No Unit Code	Available Date	Part Number	Manufacturer	No Property Steps	No Property Values
PARTS	SIDE IMPACT AIRBAG	SAB1		01/22/2002		JW	Description	Comments
								Inflator
								Bag Shape
								Bag Vent
								Bag Volume
								IBag Material
								Bag Size
	SEAT	2995		01/18/2002		Generic	Description	Comments
								Seat Pos.
								Track

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# TEST DETAIL REPORT

TA # J06033  
Matrix # 1

## Instrumentation Information

Ch No.	Obj.	Area	Section	Location	Sub Location	Axis	Sensor Type	Requested Full Scale	Filter Type	Sensor Range	Sensor Id
1	T	LEFT	FRONT	DUMMY	HEAD C.G.	LONG		150		1800W	
2	T	LEFT	FRONT	DUMMY	HEAD C.G.	VERT		150		1800W	
3	T	LEFT	FRONT	DUMMY	HEAD C.G.	LAT		380		1000W	
4	T	LEFT	FRONT	DUMMY	NECK UPPER	PX	LOAD	1080		1000W	
5	T	LEFT	FRONT	DUMMY	NECK UPPER	PY	LOAD	2080		1000W	
6	T	LEFT	FRONT	DUMMY	NECK UPPER	PZ	LOAD	1580		1000W	
7	T	LEFT	FRONT	DUMMY	NECK UPPER	MX	LOAD	2580		600W	
8	T	LEFT	FRONT	DUMMY	NECK UPPER	MY	LOAD	2580		600W	
9	T	LEFT	FRONT	DUMMY	NECK UPPER	MZ	LOAD	1080		600W	
10	T	LEFT	FRONT	DUMMY	T1	LONG		150		180W	
11	T	LEFT	FRONT	DUMMY	T1	VERT		150		180W	
12	T	LEFT	FRONT	DUMMY	T1/L	LAT		380		180W	
13	T	LEFT	FRONT	DUMMY	T1/R	LAT		380		180W	
14	T	LEFT	FRONT	DUMMY	THORAX/RIN/TH/VRT	LAT		580		180W	
15	T	LEFT	FRONT	DUMMY	THORAX/RIN/TH/VEAR	LAT		580		180W	
16	T	LEFT	FRONT	DUMMY	THORAX/RIN/LA/VRT	LAT		580		180W	
17	T	LEFT	FRONT	DUMMY	THORAX/RIN/LA/VEAR	LAT		580		180W	
18	T	LEFT	FRONT	DUMMY	CHEST DEFORMATION			4		180W	
19	T	LEFT	FRONT	DUMMY	T12	LONG		150		180W	
20	T	LEFT	FRONT	DUMMY	T12	VERT		150		180W	
21	T	LEFT	FRONT	DUMMY	T12/VRT	LAT		300		180W	
22	T	LEFT	FRONT	DUMMY	T12/VEAR	LAT		300		180W	
23	T	LEFT	FRONT	DUMMY	PELVIS	LONG		100		1800W	
24	T	LEFT	FRONT	DUMMY	PELVIS	VERT		100		1800W	
25	T	LEFT	FRONT	DUMMY	PELVIS/L	LAT		200		1800W	
26	T	LEFT	FRONT	DUMMY	PELVIS/R	LAT		200		1800W	
27	T	LEFT	FRONT	DUMMY	HEAD		SWITCH	5		4800W	
28	T	LEFT	FRONT	DUMMY	THORAX		SWITCH	5		4800W	
29	T	LEFT	FRONT	DUMMY	ABDOMEN		SWITCH	5		4800W	
30	T	LEFT	FRONT	DUMMY	H-PPOINT		SWITCH	5		4800W	
31	T	LEFT	FRONT	DUMMY	THIGH		SWITCH	5		4800W	
32	T	LEFT		RAD SUPT	ON SUP SUPT #358	LONG		200		60W	
33	T	LEFT		RAD SUPT	MR SUP SUPT #35C	LONG		200		60W	
34	T	LEFT		RAD SUPT	DR DR RAD SUPT #35D	LONG		200		60W	
35	T	LEFT	C	FRT RAD SUPT FC 81		LONG		280		60W	
36	T	LEFT	C	FRT RAD SUPT FC 82		LONG		280		60W	

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# TEST DETAIL REPORT

TR # 08853  
Matrix # 1

## Instrumentation Information

Ch. No.	Obj.	Arm	Section	Location	Sub Location	Side	Sensor Type	Heighted Full Scale	Filter Type	Mount Name	Sensor Id
37	T	LEFT	C	FRN RAD SUPT TRKS 83				5	4000N		
38	T	RIGHT		RAD SUPT	ON COB TRKT 838a	LONG		200	60N		
39	T	RIGHT		RAD SUPT	NR COB TRKT 838c	LONG		200	60N		
40	T	RIGHT		RAD SUPT	OS ON RAD SUPT 838d	LONG		200	60N		
41	T		C	TUNNEL	0 INSH TRKS 87A			5	4000N		
42	T		C	TUNNEL	0 INSH TRKT 87B			5	4000N		
43	T		C	TUNNEL	0 INSH RM 85	LONG		200	60N		
44	T		C	TUNNEL	0 INSH RM 85	VERT		200	60N		
45	T		C	TUNNEL	0 INSH RM 85	LAT		200	60N		
46	T		C	TUNNEL	0 INSH RCM 86	LONG		200	60N		
47	T		C	TUNNEL	0 INSH RCM 86	VERT		200	60N		
48	T		C	TUNNEL	0 INSH RCM 86	LAT		200	60N		
49	T		C/L	TUNNEL	FROM STAKE 810	LONG		400	60N		
50	T		C/L	TUNNEL	FROM STAKE 810	VERT		400	60N		
51	T		C/L	TUNNEL	FROM STAKE 810	LAT		400	60N		
52	T	LEFT	FRONT	FLR PAN	0 82 IN CTR 811	LONG		400	60N		
53	T	LEFT	FRONT	FLR PAN	0 82 IN CTR 811	VERT		400	60N		
54	T	LEFT	FRONT	FLR PAN	0 82 IN CTR 811	LAT		400	60N		
55	T	LEFT	FRONT	FLR PAN	0 82 IN RCH 812	LAT		800	60N		
56	T	LEFT	FRONT	FLR PAN	0 82 IN CTR TRKS 813			5	4000N		
57	T	LEFT		B-FLR IN	0 MID RM 827	LONG		2000	60N		
58	T	LEFT		B-FLR IN	0 MID RM 827	VERT		2000	60N		
59	T	LEFT		B-FLR IN	0 MID RM 827	LAT		2000	60N		
60	T	LEFT		B-FLR IN	0 MID RCH 828	LAT		2000	60N		
61	T	LEFT		B-FLR IN	0 MID TRK12 829			5	4000N		
62	T	LEFT		B-FLR IN	0 HOCKER RM 819	LONG		2000	60N		
63	T	LEFT		B-FLR IN	0 HOCKER RM 819	VERT		2000	60N		
64	T	LEFT		B-FLR IN	0 HOCKER RM 819	LAT		2000	60N		
65	T	LEFT		B-FLR IN	0 HOCKER RCH 820	LAT		2000	60N		
66	T	LEFT		B-FLR IN	0 HOCKER TRK12 821			5	4000N		
67	T	RIGHT	FRONT	FLR PAN	0 82 IN CTR 815	LONG		400	60N		
68	T	RIGHT	FRONT	FLR PAN	0 82 IN CTR 815	VERT		400	60N		
69	T	RIGHT	FRONT	FLR PAN	0 82 IN CTR 815	LAT		400	60N		
70	T	RIGHT	FRONT	FLR PAN	0 82 IN RCH 816	LAT		800	60N		
71	T	RIGHT	FRONT	FLR PAN	0 82 IN CTR TRKS 817			5	4000N		
72	T	RIGHT		B-FLR IN	0 MID RM 831	LONG		2000	60N		

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# TEST DETAIL REPORT

TA # JM603  
Matrix # 1

## Instrumentation Information

Ch No.	Ord.	Acq	Position	Location	Sub Location	Axis	Sensor Type	Requested Full Scale	Filter Type	Sensor Range	Sensor ID
93	T	RIGHT		R-PIL IN	R MID SW 031	VERT		3000		60W	
94	T	RIGHT		R-PIL IN	R MID SW 031	LAT		3000		60W	
95	T	RIGHT		R-PIL IN	R MID SW 032	LAT		3000		60W	
96	T	RIGHT		R-PIL IN	R MID TANK1 023			5	4000W		
97	T	RIGHT		R-PIL IN	R ROCKER SW 023	LONG		2000		60W	
98	T	RIGHT		R-PIL IN	R ROCKER SW 023	VERT		3000		60W	
99	T	RIGHT		R-PIL IN	R ROCKER SW 023	LAT		3000		60W	
100	T	RIGHT		R-PIL IN	R ROCKER SW 024	LAT		3000		60W	
101	T	RIGHT		R-PIL IN	R ROCKER TANK1 025			5	4000W		
102	T	LEFT		01 VPM IN	15 CR CAN 035A	LONG		200		60W	
103	T	RIGHT		01 VPM IN	15 CR CAN 036A	LONG		200		60W	
104	T	LEFT		ROCKER	R FRONT SEAT MID	LONG		2000		60W	
105	T	LEFT		ROCKER	R FRONT SEAT MID	VERT		2000		60W	
106	T	LEFT		ROCKER	R FRONT SEAT MID	LAT		2000		60W	
107	T	LEFT		ROCKER	R R-FILLAR	LONG		2000		60W	
108	T	LEFT		ROCKER	R R-FILLAR	VERT		2000		60W	
109	T	LEFT		ROCKER	R R-FILLAR	LAT		2000		60W	
110	T	LEFT		FRAME	R R-FILLAR	LONG		2000		60W	
111	T	LEFT		FRAME	R R-FILLAR	VERT		2000		60W	
112	T	LEFT		FRAME	R R-FILLAR	LAT		2000		60W	
113	T	LEFT		ROCKER	R REAR SEAT MID	LONG		2000		60W	
114	T	LEFT		ROCKER	R REAR SEAT MID	VERT		2000		60W	
115	T	LEFT		ROCKER	R REAR SEAT MID	LAT		2000		60W	
116	T	RIGHT		ROCKER	R FRONT SEAT MID	LONG		400		60W	
117	T	RIGHT		ROCKER	R FRONT SEAT MID	VERT		400		60W	
118	T	RIGHT		ROCKER	R FRONT SEAT MID	LAT		400		60W	
119	T	RIGHT		ROCKER	R R-FILLAR	LONG		400		60W	
120	T	RIGHT		ROCKER	R R-FILLAR	VERT		400		60W	
121	T	RIGHT		ROCKER	R R-FILLAR	LAT		400		60W	
122	T	RIGHT		FRAME	R R-FILLAR	LONG		400		60W	
123	T	RIGHT		FRAME	R R-FILLAR	VERT		400		60W	
124	T	RIGHT		FRAME	R R-FILLAR	LAT		400		60W	

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## TEST DETAIL REPORT

TR # JN0853  
Matrix # 1

### DA Information

Object	DA Diagram Code	Category	DA Diagram Name
TARGET	404 CONTROL SWITCH (SIDE IMPACT) CAR	400 SIDE IMPACTS (CAR OR TRUCK)	req604.gif
TARGET	423 FLOT_BELT LINE (EXTERIOR) (1st 50mm BOWLINE BELOW GLASS/W. SCRAP)	400 SIDE IMPACTS (CAR OR TRUCK)	req623.gif
TARGET	425 FLOT_BELTLINE (EXTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	427 FLOT_CHARACTER LINE (EXTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	429 FLOT_BOTTOM OF DOOR (EXTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	431 FLOT_MOCKER PANEL EXTERIOR (1st 18mm BOWLINE BELOW DOOR OPENING)	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	433 FLOT_BOW LINE (INTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	435 FLOT_BELT LINE (INTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	437 FLOT_HIP LINE (INTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	438 FLOT_VERT. SECT. (1st 50mm BODY LINE FWD/HINGE PLANE @ "A" PILLAR)	400 SIDE IMPACTS (CAR OR TRUCK)	req638.gif
TARGET	439 FLOT_VERT. SECT. (W/500mm BODY LINE (Exterior & Interior) [S1, S2])	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	440 FLOT_VERT SECT. @ FRONT "H" POINT (Exterior & Interior) [S1, S2]	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	441 FLOT_VERT SECT. (1st 50mm END / STRIKER PLANE (Exterior & Interior) [S1, S2])	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	442 FLOT_VERT SECT. REAR "H" POINT (Exterior & Interior) [S1, S2]	400 SIDE IMPACTS (CAR OR TRUCK)	

DA Diagram Comment

### DA 650 Information

Object	DA 650 Code	DA 650 Code Description	DA 650 Code Image Name
TARGET	650.1	Pre-crash accelerometer locations	

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## TEST DETAIL REPORT

EA # JB0023  
Matrix # 1

### Matrix Camera Information

Camera Position	Camera Position Comments	Camera Category
View of Cart or Bullet for Velocity Determination		Side Impact - Floor Coverage
Full Left View of Impact		Side Impact - Floor Coverage
Full Right View of Impact		Side Impact - Floor Coverage
Front 3/4 View of Impact		Side Impact - Floor Coverage
Rear 3/4 View of Impact		Side Impact - Floor Coverage
Overall View of Impacted Vehicle Side Including Cart or Pole		Side Impact - Dashboard Coverage
Cart or Bullet Contact - View of Impacted Side of Vehicle with Cart or Bullet Contact		Side Impact - Pit Coverage

### Matrix Custom Camera Information

Camera Position	Custom Camera Position Comments	Image Filename
-----------------	---------------------------------	----------------

### Object Camera Information

Object	Camera Position	Camera Position Comments	Camera Category
TARGET	Front Dummy from Front Bumper (left)		Side Impact - Onboard
TARGET	Front Dummy from Opposite Window Opening		Side Impact - Onboard
TARGET	Front Dummy Over Shoulder from Driver's Side (right)		Side Impact - Onboard
TARGET	Fiber Optics - View of Front Dummy Interaction to Train		Side Impact - Onboard

### Object Custom Camera Information

Object	Camera Position	Camera Position Comments	Image Filename
--------	-----------------	--------------------------	----------------

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TEST DETAIL REPORT

TA # JN6653  
Matrix # 1

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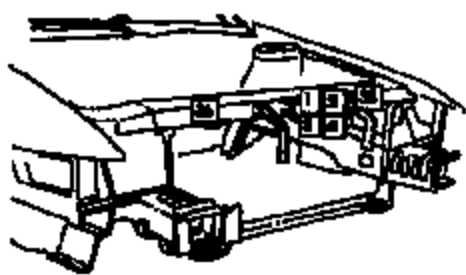
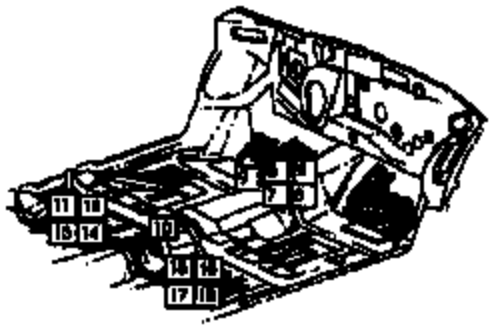
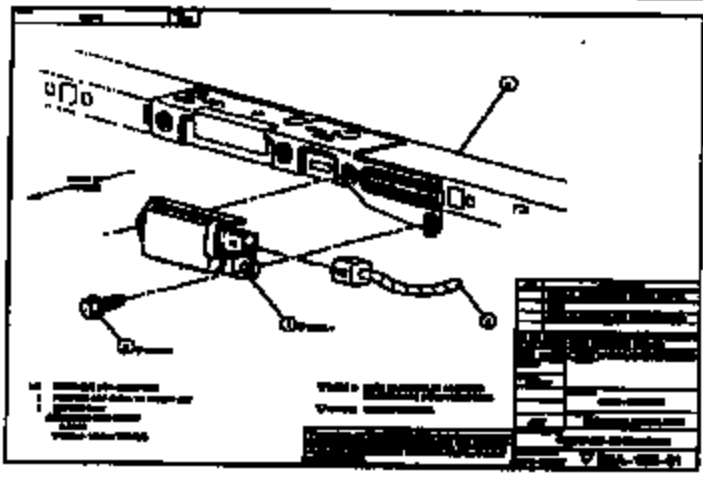
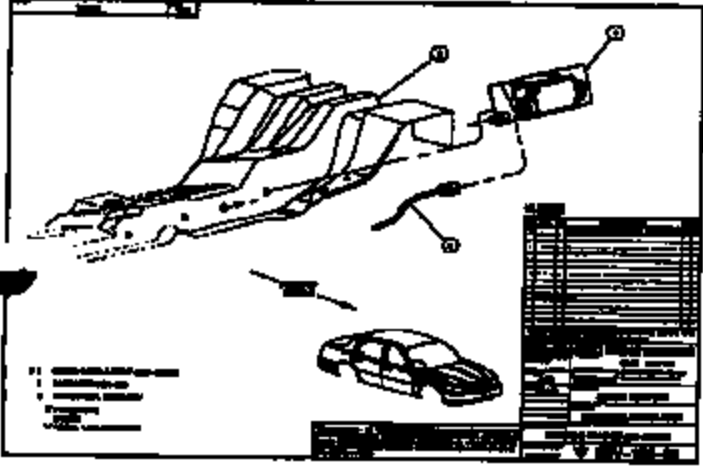
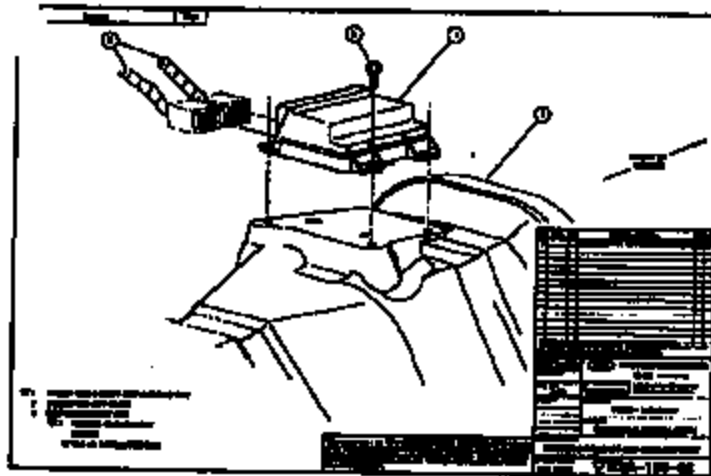




Program: 2008 IN / FN  
 Vehicle ID: 2041108  
 Build level: 80PE EN  
 Test Mode: LH Side Pole

**SENSOR MAP**  
 J20043

**ENTIRE PAGE CONFIDENTIAL**  
 Engineer: Sean West  
 Phone #: 69-44912  
 Date: 7/24/08  
 Time: 10:53 AM



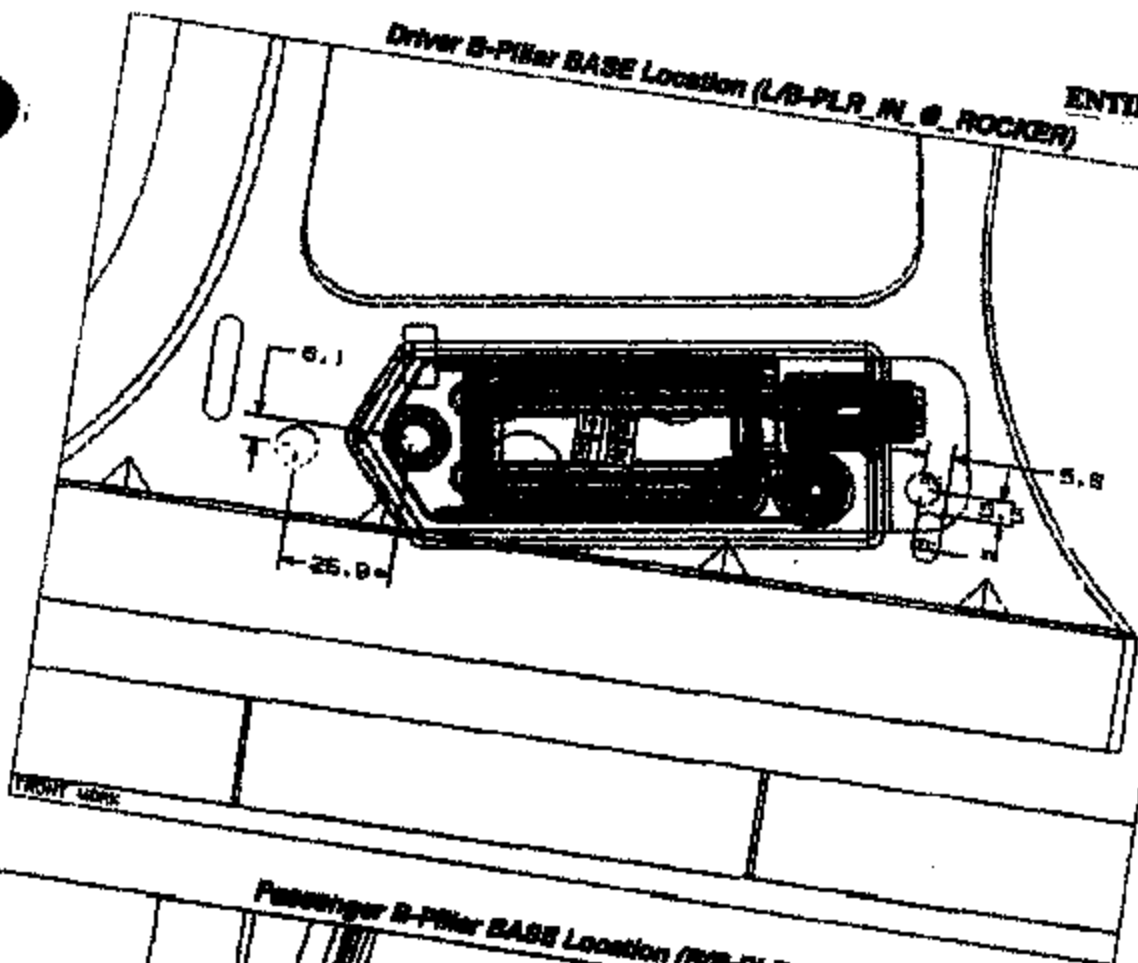
Sean West 69-44912  
 AVT Powertrain

Plant: 400 7/24/08  
<http://www.ford.com>



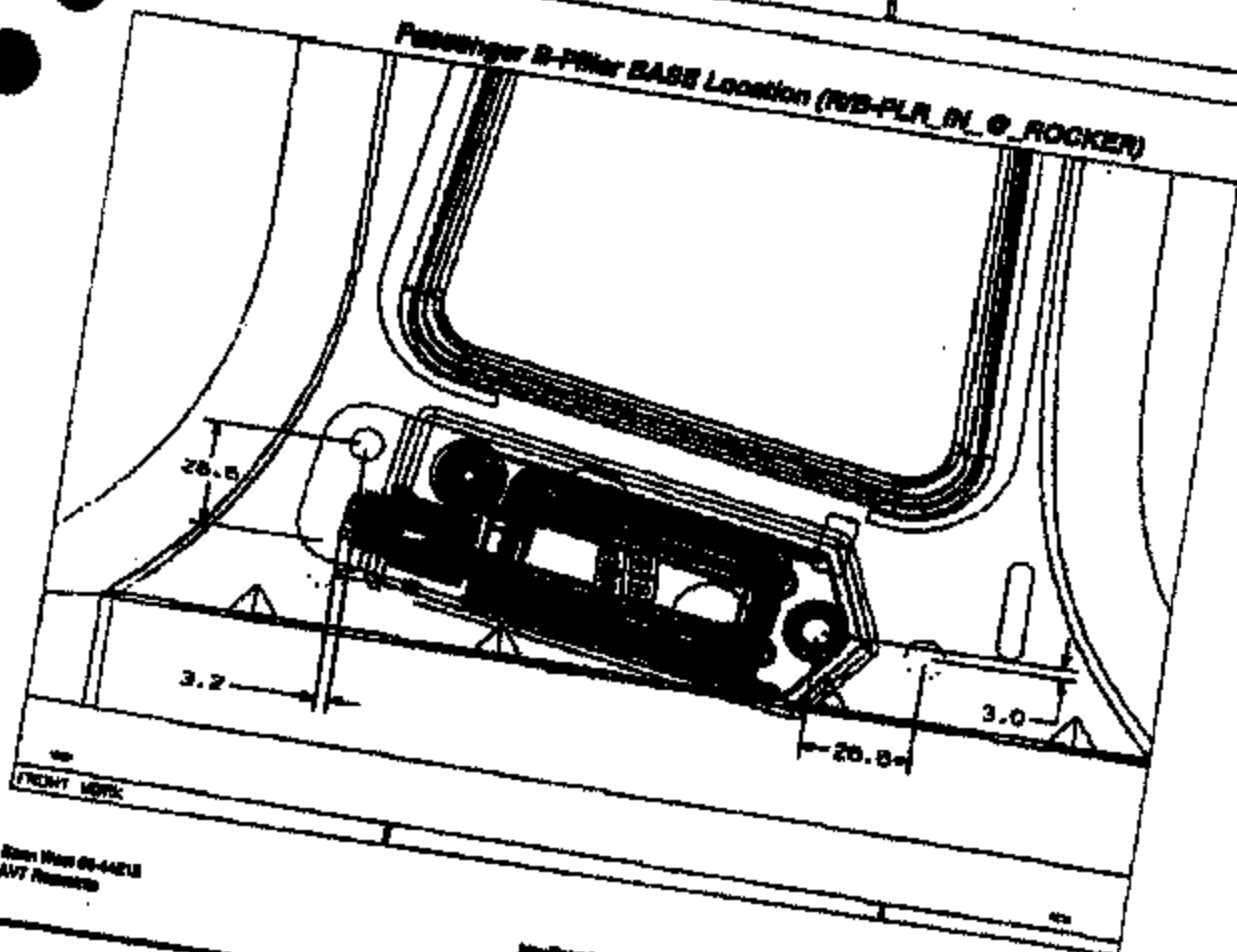
Driver B-Pillar BASE Location (LB-PLR\_IN @\_ROCKER)

ENTIRE PAGE



FRONT VIEW

Passenger B-Pillar BASE Location (RB-PLR\_IN @\_ROCKER)



FRONT VIEW

Rev. 06-44218  
AVT 06-44218

TAG: J25

8/25/02		EN114		2003		Crown Victoria		J25	
2FAHP71W30X100029		294H106		LH Side Pole (10") Use Rollers					
SGRP		FULL FORWARD		MID POINT	X	FULL REAR			
VERTICLE POSITION		FULL UP		MID		FULL DOWN	X		
MANUAL		POWER							
LH FRNT	X	CENTER FRNT		RH FRNT					
LH REAR		CENTER REAR		RH REAR					
SEAT FRAME ANGLE	29 deg								
LOCATION WHERE SEAT FRAME ANGLE TO BE MEASURED									
HEAD REST POST ANGLE									
H-POINT COORDINATES FOR SGRP				X=8158 mm, Y=394 mm, Z=695 mm					
H-POINT COORDINATES FOR TEST POSITION				X=8104 mm, Y=394 mm, Z=786 mm					
MANREN BACK ANGLE		25 deg							
COLUMN IN MID POSITION			X =		Z =				
CAROLYN HAAS PHONE: (313) 29-6068 / (313) 22-27333 FAXER: 313-851-1397					GARY COX PHONE: (313) 29-63429 FAXER: 313-851-1398				
DESCRIPTION OF JOB TO BE PERFORMED:									
UMTRI (SPECIFY:5TH,50TH,85TH)									
MANUAL MID H-PT (X,Y,Z COORDINATES)									
POWER MID H-PT (X,Y,Z COORDINATES)									
SEAT TRAVEL									
SGRP is located 6 open windows from full rearward for EN114 manual seat back and 60 mm forward of full rearward and full down for power seat track									
Record headrest angle that corresponds to seat back angle of 29 degrees									
ENGINEER:					PHONE:				
COORDINATOR:					PHONE:				



Run Number	Channel	Channel Description	Axis	Transducer	Bridge	Cable 2	Cable 1	DAS Unit	DAS Chan	Sw	TR Number
11025	72	RIGHT/S-PLR IN @ MID SH #31	LONG	44891	1		CHS-1	MD32014	13		JB6853
Low Channel Utilization From: -100 ms To: 500 ms Data is Good Cause: Wrong Full Scale Process Fault											
13025	73	RIGHT/S-PLR IN @ MID SH #31	VERT	49204	1		CHS-3	MD32014	15		JB6853
Low Channel Utilization From: -100 ms To: 500 ms Data is Good Cause: Wrong Full Scale Process Fault											
13025	74	RIGHT/S-PLR IN @ MID SH #31	LAT	50501	1		CHS-2	MD32014	14		JB6853
Low Channel Utilization From: -100 ms To: 500 ms Data is Good Cause: Wrong Full Scale Process Fault											
13025	84	LEFT/ROCKER @ FRONT BEAF MID	LONG	40651	1		DSH-2	MD32047	10		JB6853
Data Dropout From: 47 ms To: 500 ms Data is Unusable Cause: Cable Cut No Fault											