

** 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 ZERO. 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 19.69 (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 (a) 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 (a) VERTICAL LINES on side of impact from ROCKER TO BELT LINE @:
 (1) 24" (2) 53" (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 @ 1st INCREMENTED 10mm BODY LINE BELOW DOOR OPENING

ANY COMMENTS ENTERED BY OPERATORS APPEAR BELOW THIS LINE:

 ***** 650 POINT DESCRIPTION *****

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

CRIS 0013207

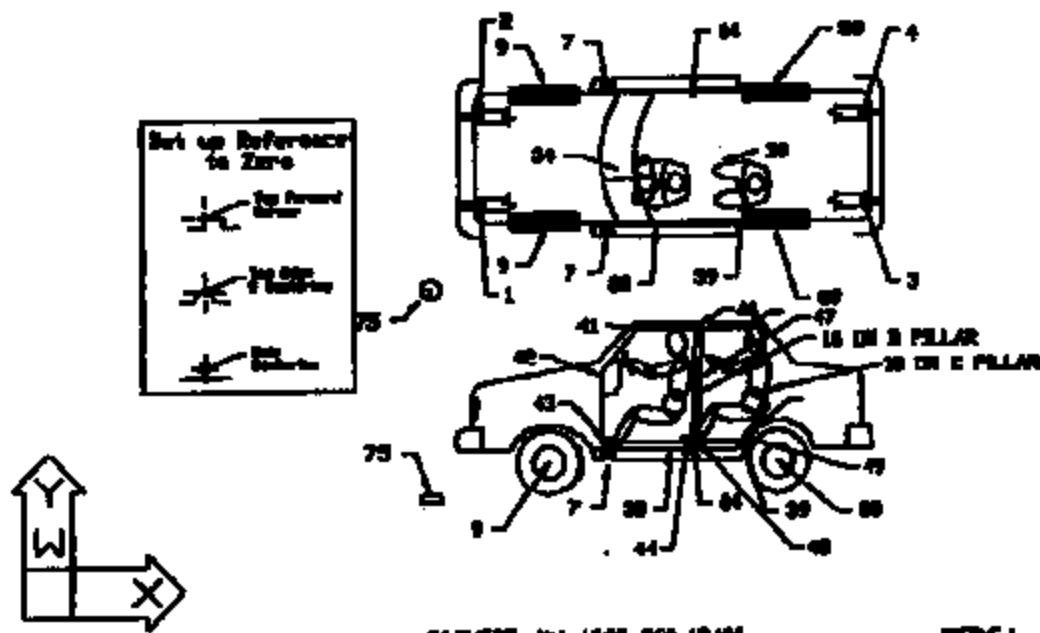
ENTIRE PAGE CONFIDENTIAL

** COMMENTS **

ALL ACCEL LOCATIONS

03. TUNNEL C/L FWD
04. TUNNEL @ BCM
05. LH B FILLER IAR FWD
06. LH B FLR IAR RND
07. RH B FLR IAR FWD
08. RH B FLR IAR RND
09. RAD SUPT IAR LH FWD
10. RAD SUPT IAR LH RND
11. RAD SUPT IAR RH FWD
12. RAD SUPT IAR RH RND
13. RAD SUPT MID LH RND
14. RAD SUPT MID RH RND
15. LH RNR @ A FLR
16. LH RNR @ B FT
17. LH RNR @ B FLR
18. LH FRAME @ B FLR
19. TRUNK LH @ INERTIA SWITCH
20. RH RNR @ A FLR
21. RH RNR @ B FT
22. RH RNR @ B FLR
23. RH FRAME @ B FLR

CONTROL POINTS (SIDE IMPACT) CARD REQUEST 404
 UNIT 70 POINT 70
 UNIT 71 POINTS 7 LEFT & RIGHT
 UNIT 74 POINTS 41-44, 46-49 ON SIDE OF IMPACT
 UNIT 74 POINTS 33, 54 ON SIDE OPPOSITE OF IMPACT
 UNIT 40 POINTS 1-13, 15, 16, 18, 19, 20, 21
 UNIT 402 POINTS 5, 6, 8, 9, 10, 11, 12, 13, 14
 LEFT SIDE IMPACT SHOWN



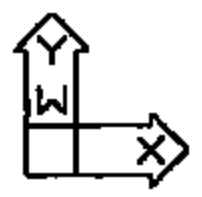
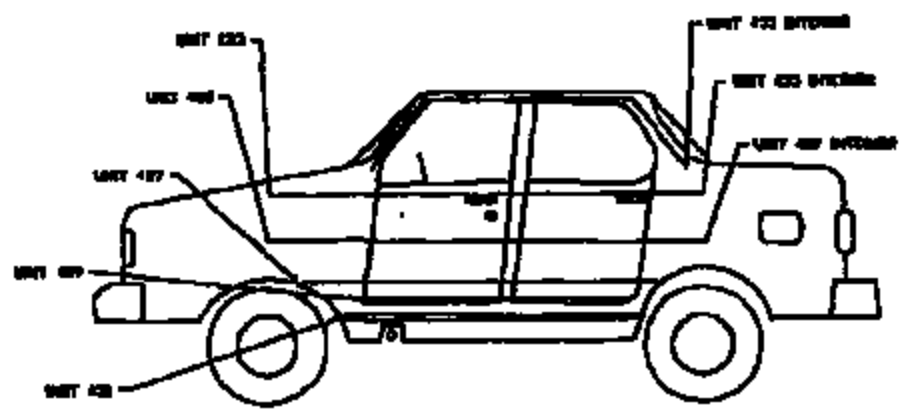
REQUEST 404 13-17 600 1P/96

WFOC 1

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL

EXTENSIVE L. THICKNESS MEAS. SECTIONAL SIDE IMPACT
REMARKS 412,403,407,119,404,433,437



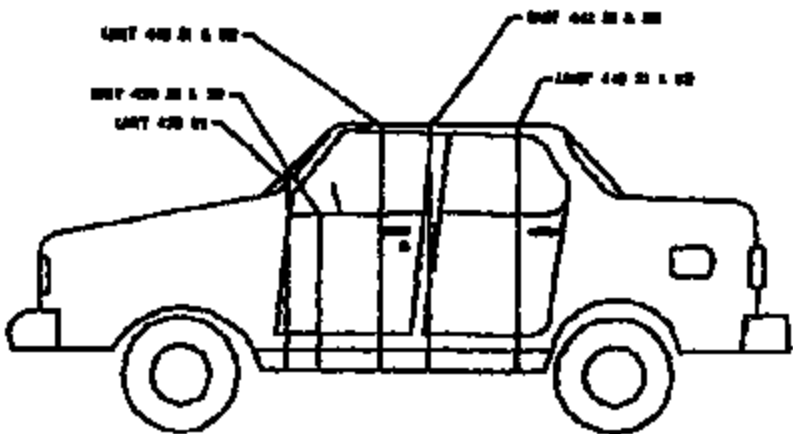
REMARKS 402,403,407,409,411,412,413,417 UNIT 417 10/88

ENCLOSURE

CRITS 0013207

ENTIRE PAGE CONFIDENTIAL

SECTION 438 - 442 VOR. SECTION 438 IMPACT
 UNITS 438 21, 438 - 442 21 L ED
 IN SECTION 438 CATCHER, OF SECTION 438 SYSTEM



SECTION 438 - 442 SPEC 178 18-18

SECTION 438

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL



Name: 13207001.jpg

CRTS 0013207

ENTIRE PAGE CONFIDENTIAL



Name: 13207002.jpg

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL



Name : 13267603.jpg

CRTS 0013207



Name: 13207004.jpg

CRIS 0013207



Name: 13207005.jpg

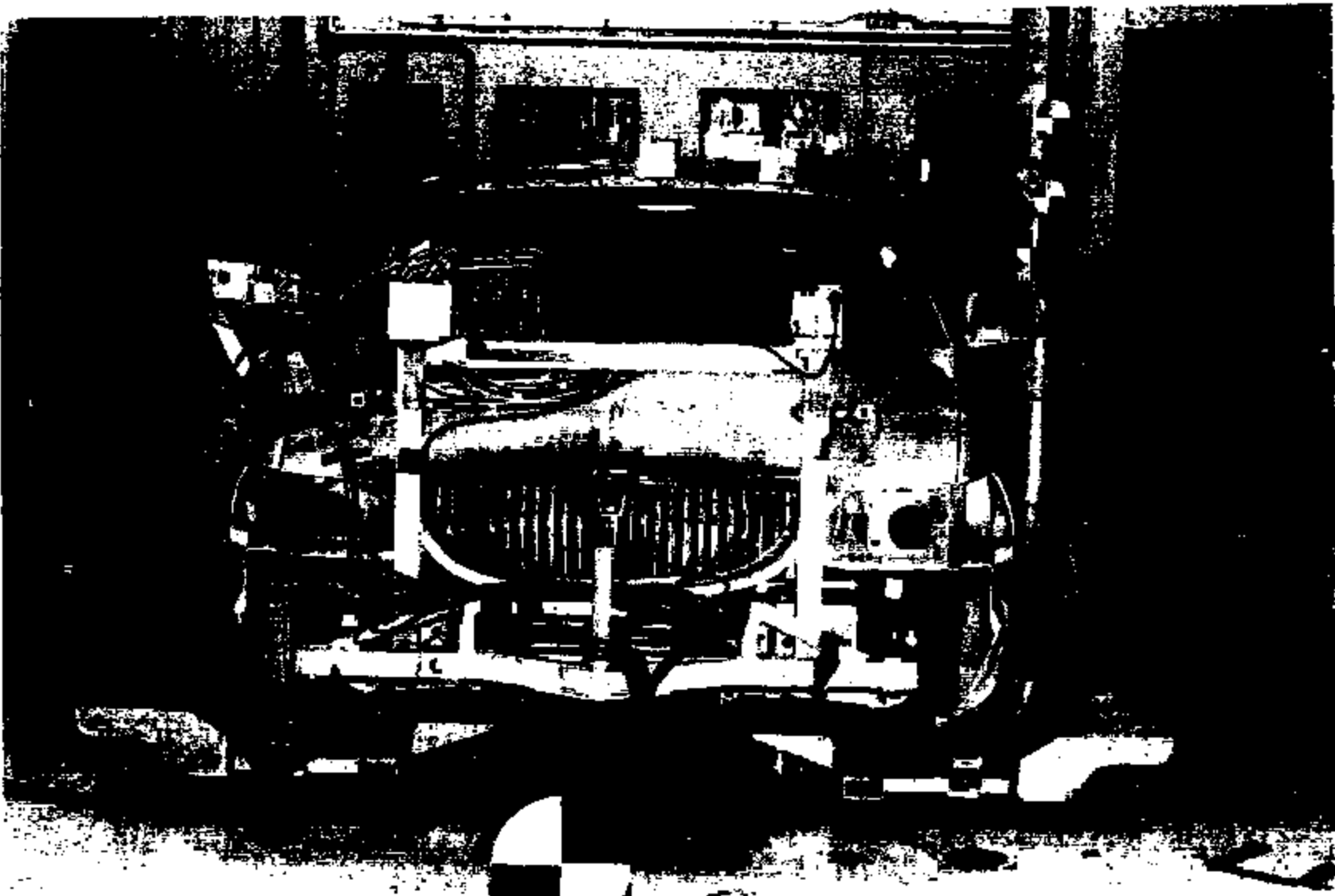
CRJIS 0013207

ENTIRE PAGE CONFIDENTIAL



Name: 13207006.jpg

CRTS 0013207

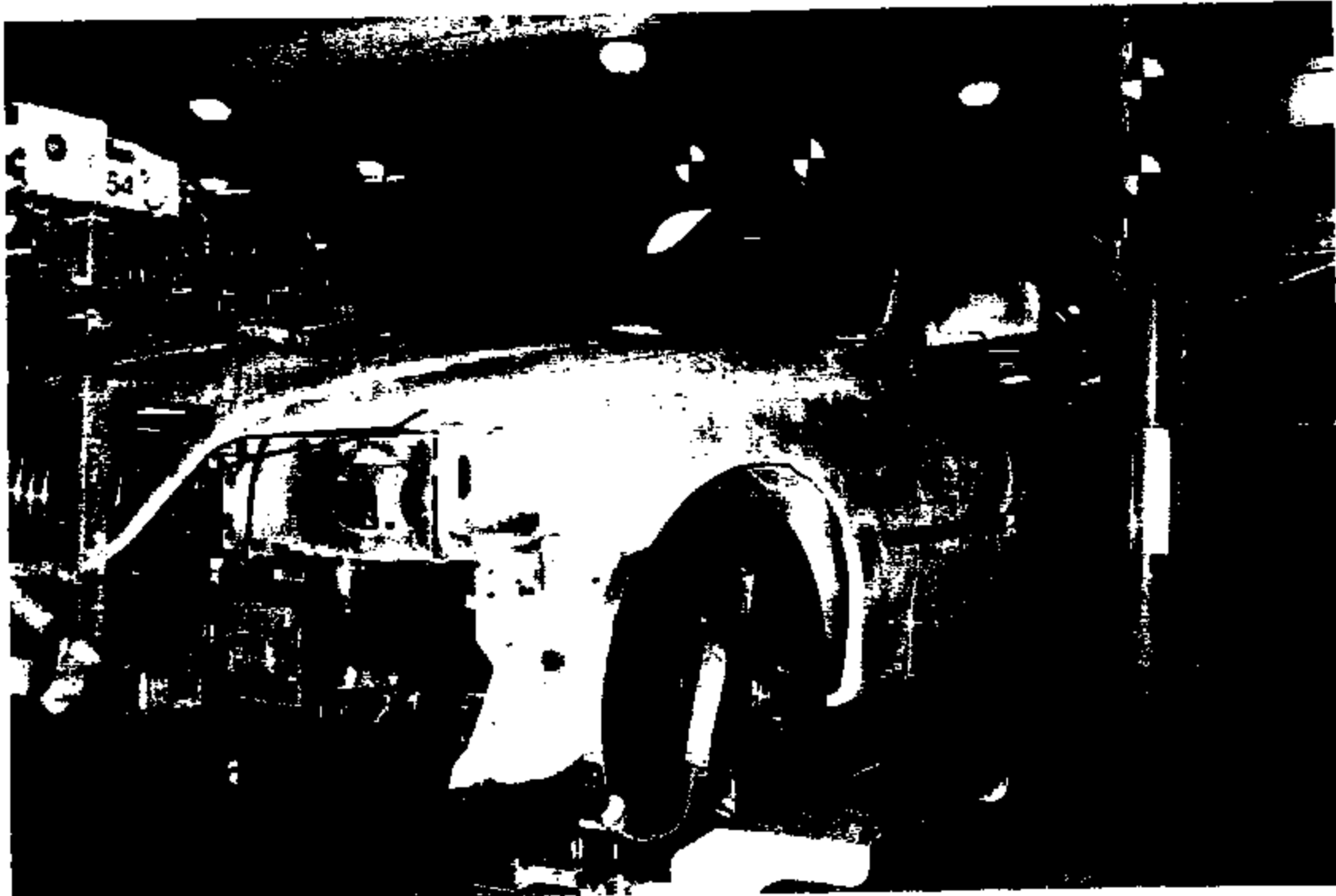


Name:

13207007.jp9

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL



Name : 13207008 .jpg

CRIS 0019207



13207009.jpg

CRTS 0013207

ENTIRE PAGE CONFIDENTIAL

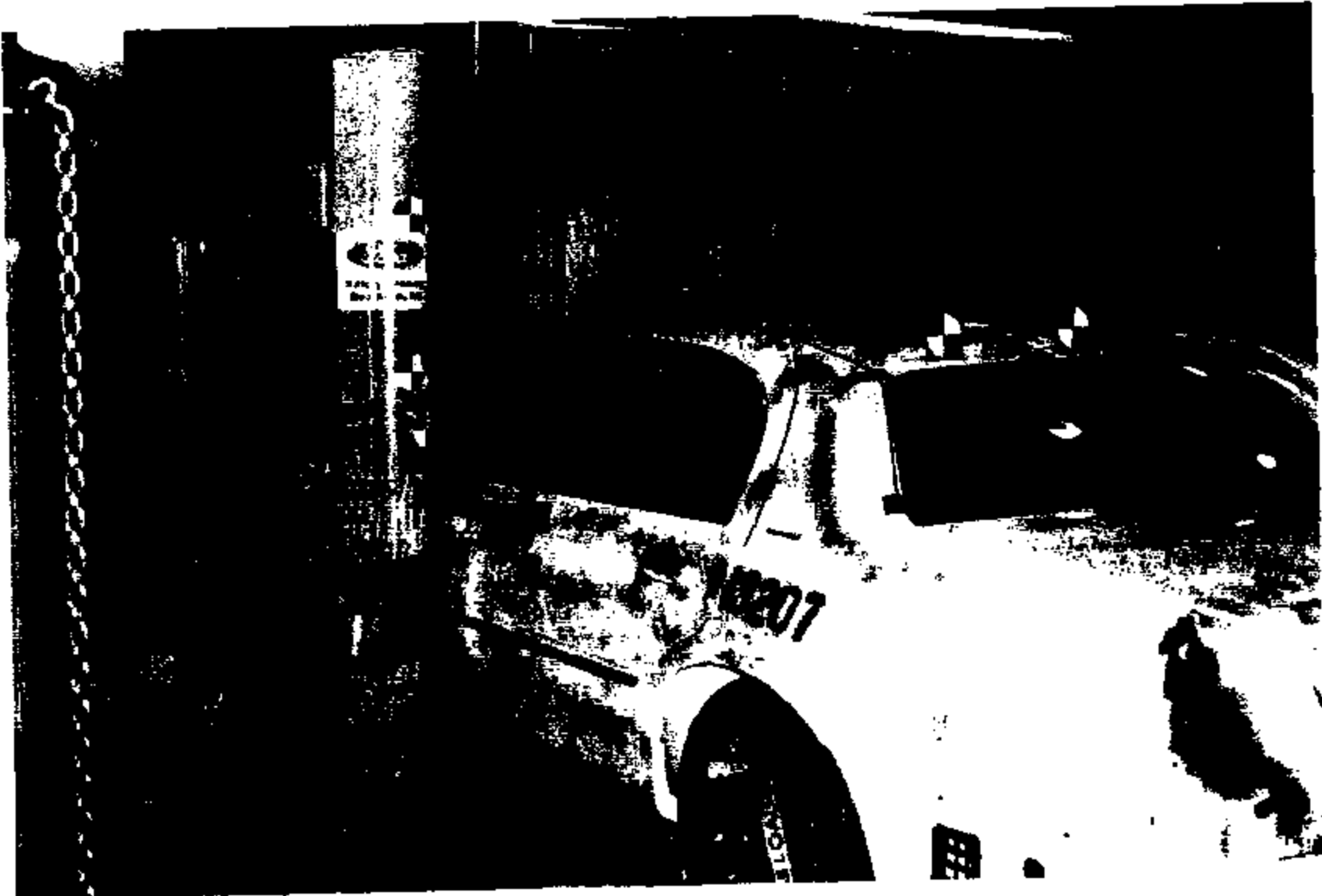


Image:

13207010.jpg

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL



13207011.jpg

CRIS 0019207



Name :

13207012.jpg

CRTS 0013207



Page 1

13207013.jpg

CRTS 0013207

ENTIRE PAGE CONTAINS...

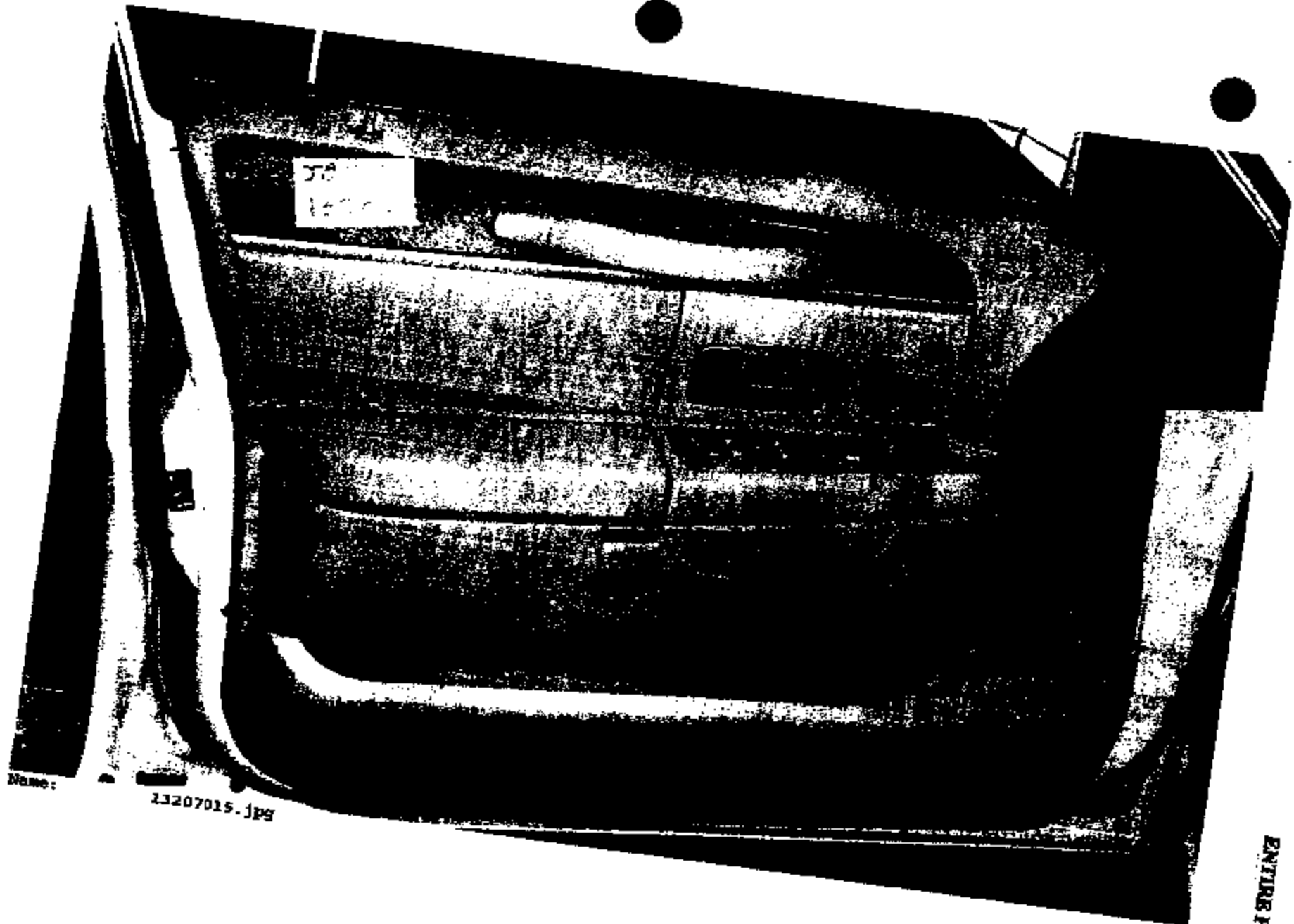


Name:

13287014.jpg

CRIS 0013207

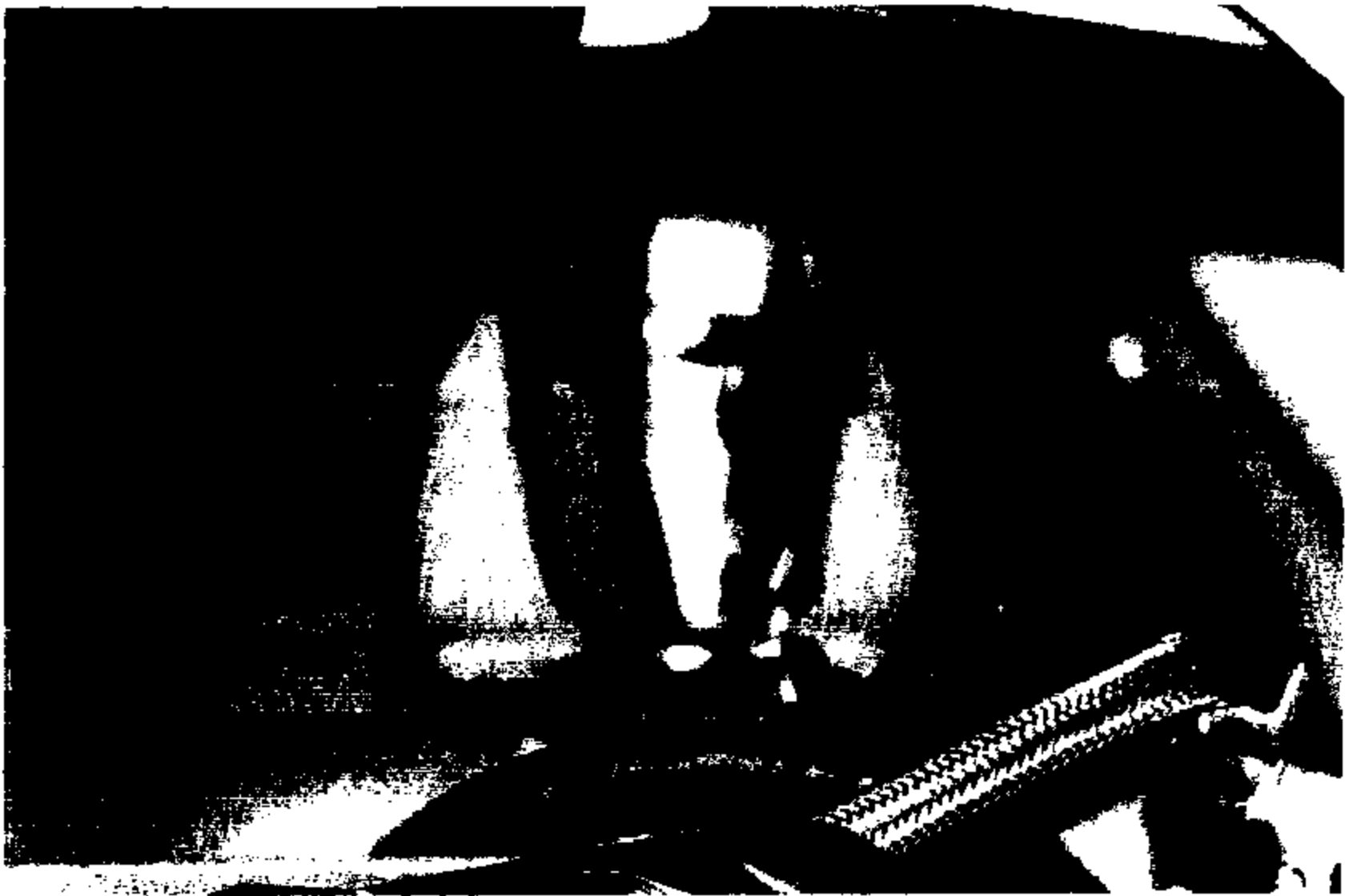
ENTIRE PAGE CONFIDENTIAL



Name:

13207015.jpg

ENTIRE PAGE C



Name: Pdf 9107016 . jpg

CRTS 0013207

ENTIRE PAGE CONFIDENTIAL



Page: 13207017

CRIS 0013207

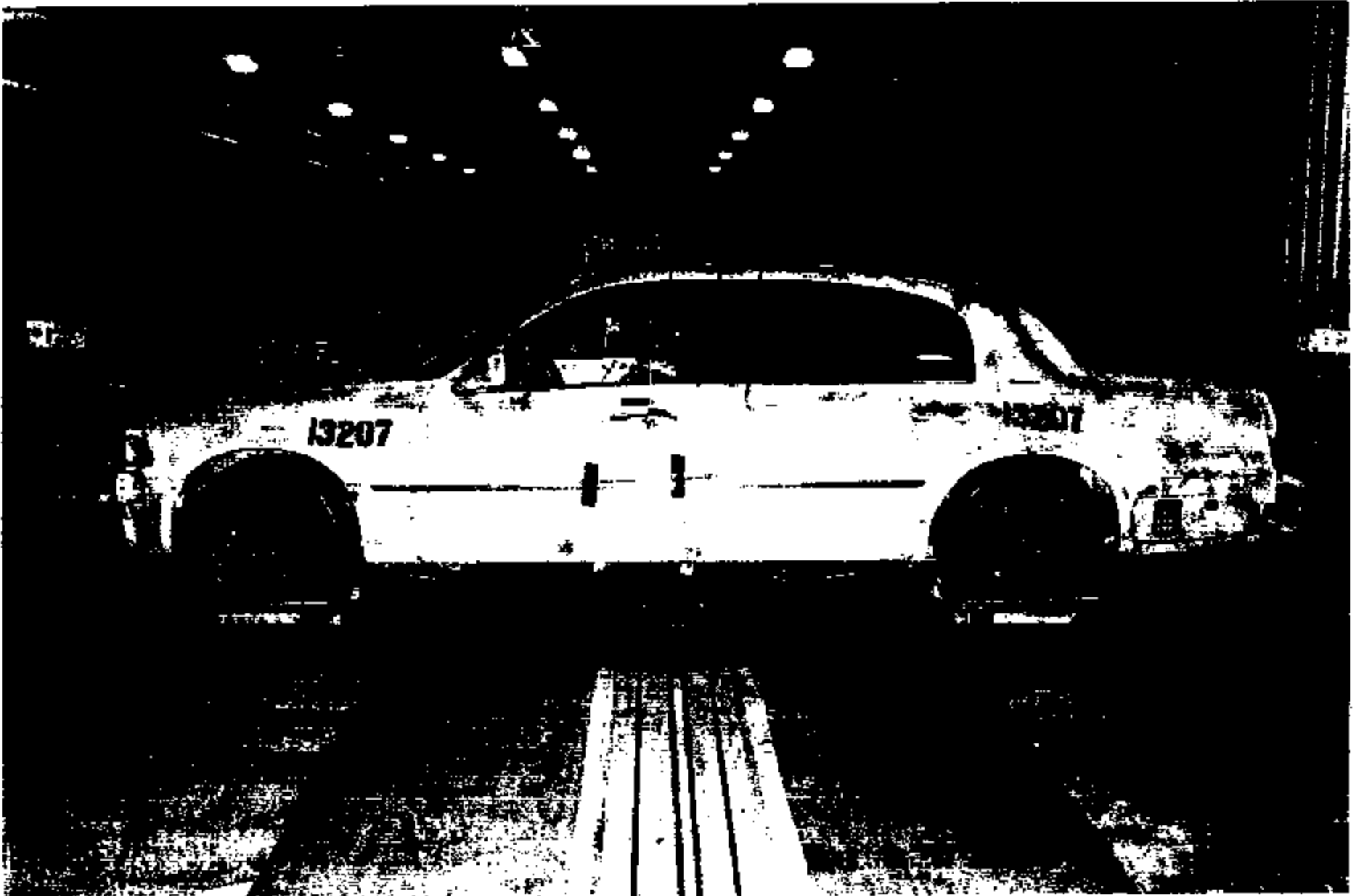
ENTIRE PAGE CONFIDENTIAL



Name: 13207018.jpg

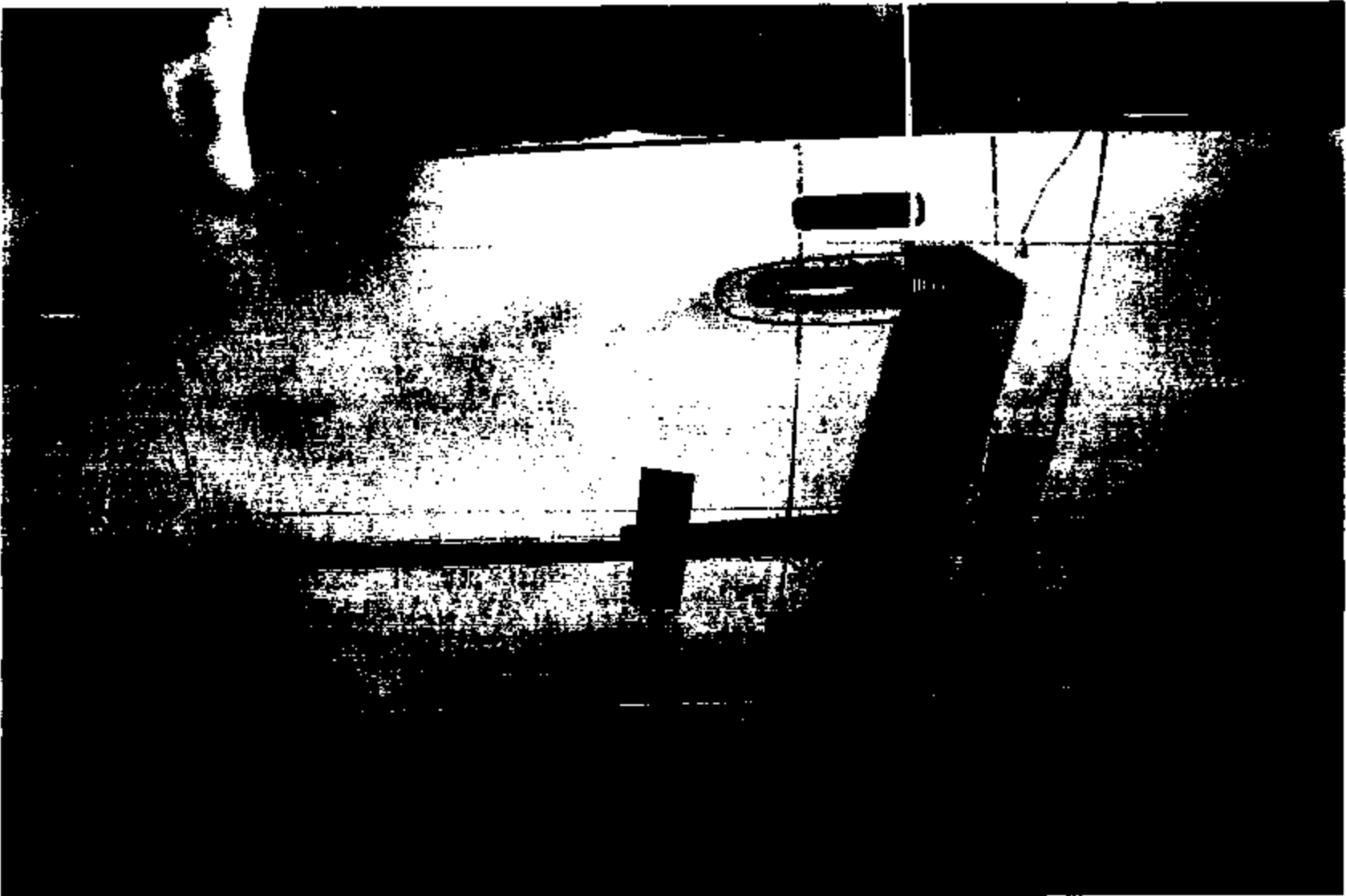
CRIS 0013207

ENTIRE PAGE CONFIDENTIAL



Name: 13207019.jpg

CRIS 0013207



Name : 13207020.jpg

CRIS 0013207



Name: 13207021.jpg

CRTS 0013207

ENTIRE PAGE CONFIDENTIAL



Name:

13207022.jpg

CRTS 0013207

ENTIRE PAGE CONFIDENTIAL



Name :

13207023 . jpg

CRTS 0013207

ENTIRE PAGE CONFIDENTIAL



Name: 13207024.jpg

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL



Name :

13207025.jpg

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL.



NAME: 13207026.jpg

CRIS 0019207

ENTIRE PAGE CONFIDENTIAL



Name :

13207027.jpg

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL



Name: 13207028.jpg

CRIS 0013207



Name: 13207029.jpg

CRIS 0013207



Name: 13207030.jpg

CRIS 0013207

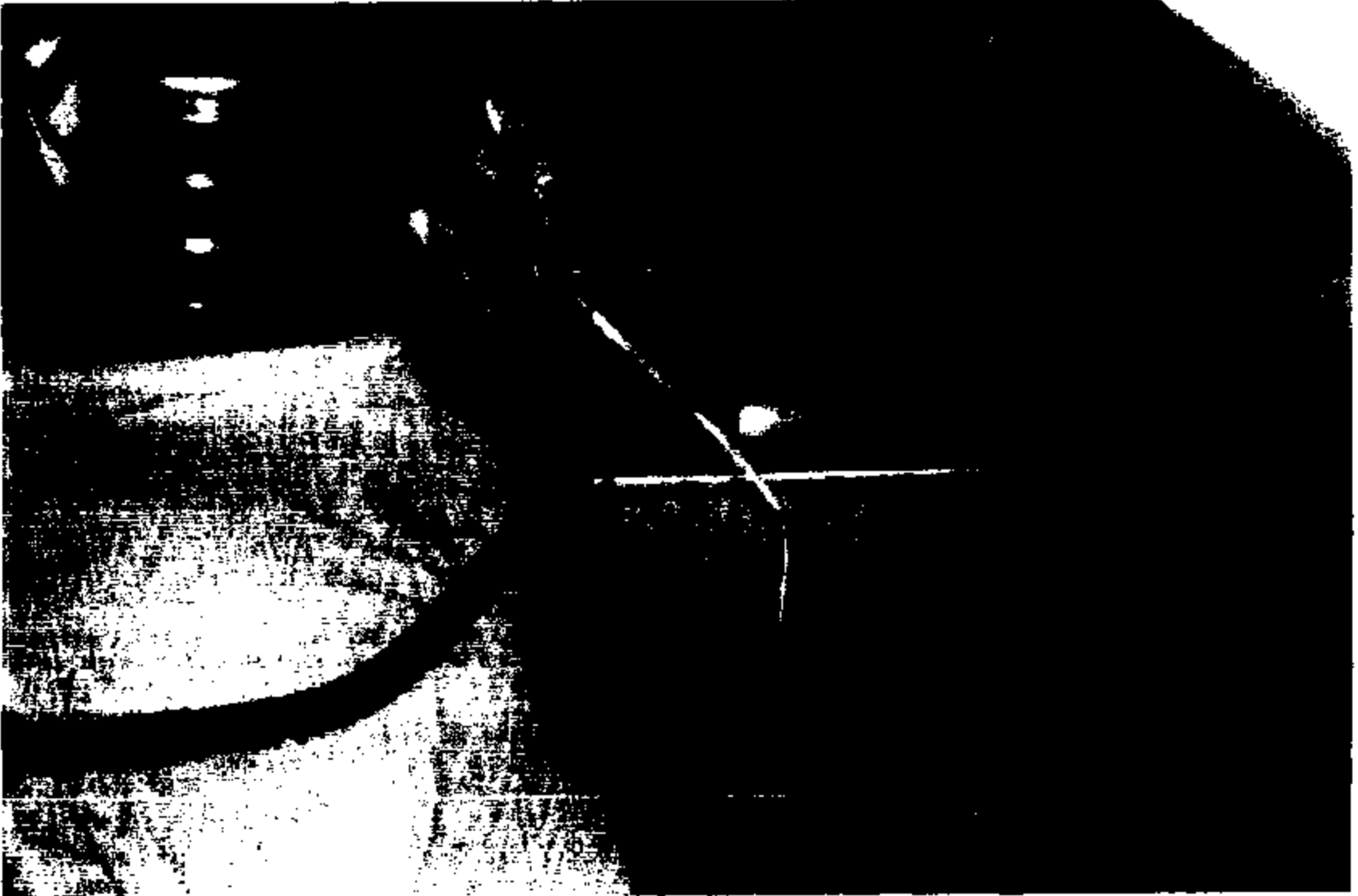
ENTIRE PAGE CONFIDENTIAL



Name: 13207031.jpg

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL



Name : 13207032-3P9

CRTS 0013207

ENTIRE PAGE CONFIDENTIAL



Name: 13287033.jpg

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL

Name :

13207034.jpg



Name: LY207035.jpg





Name: 13207036.jpg

CRIS 0013207



Name:

13207037.jpg

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL



13207038.pdf

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL



Name: 13207039.jpg

CRIS 0013207



Name: 13207040.jpg

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL



Edf. 1402EE1 :name:

CRIS 0013207



Name:

13207042.jpg

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL



Name: 13207043.jpg

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL.



13207044.jpg

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL



J08592
13207

Edf. 5902821 13207045.jpg

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL

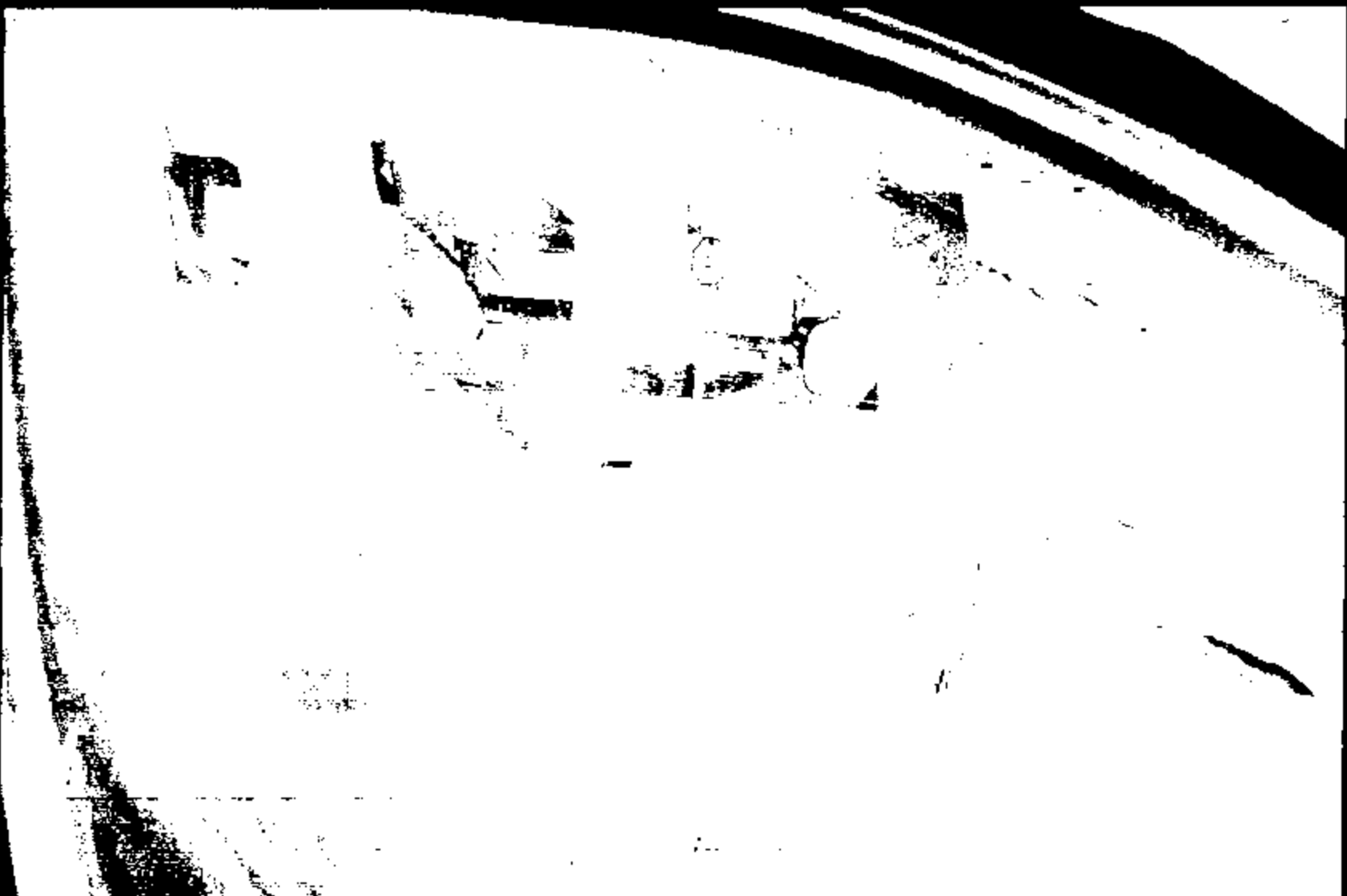


Name:

13207046.jpg

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL



Name :

13207047.jpg

CRIS 0013207

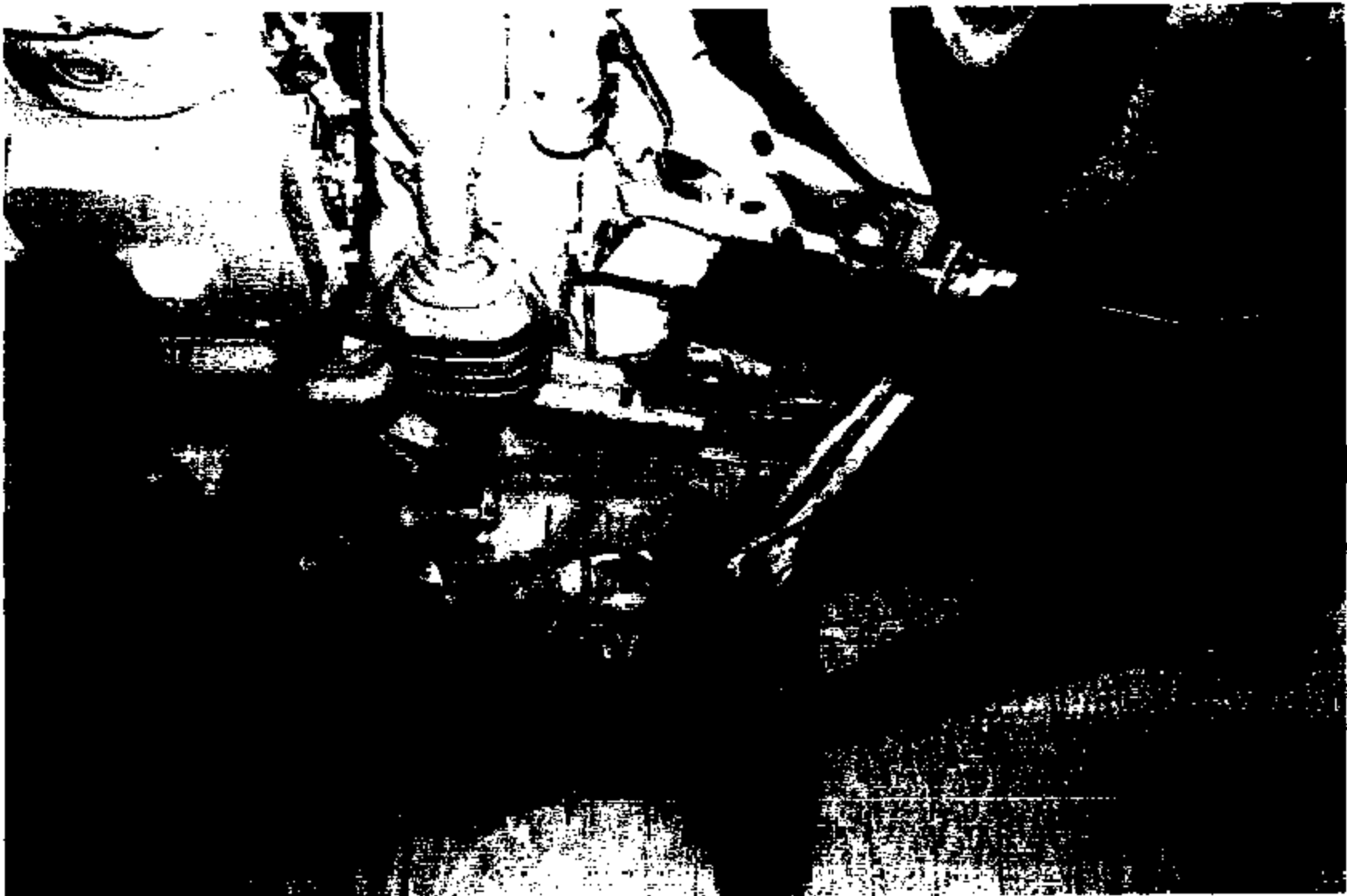
ENTIRE PAGE CONFIDENTIAL



Name : 13207048 . jpg

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL



Name: 13207049.jpg

CRTS 0013207

ENTIRE PAGE CONFIDENTIAL



13207050.jpg

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL



Name:

13207051.jpg

CRTS 0013207

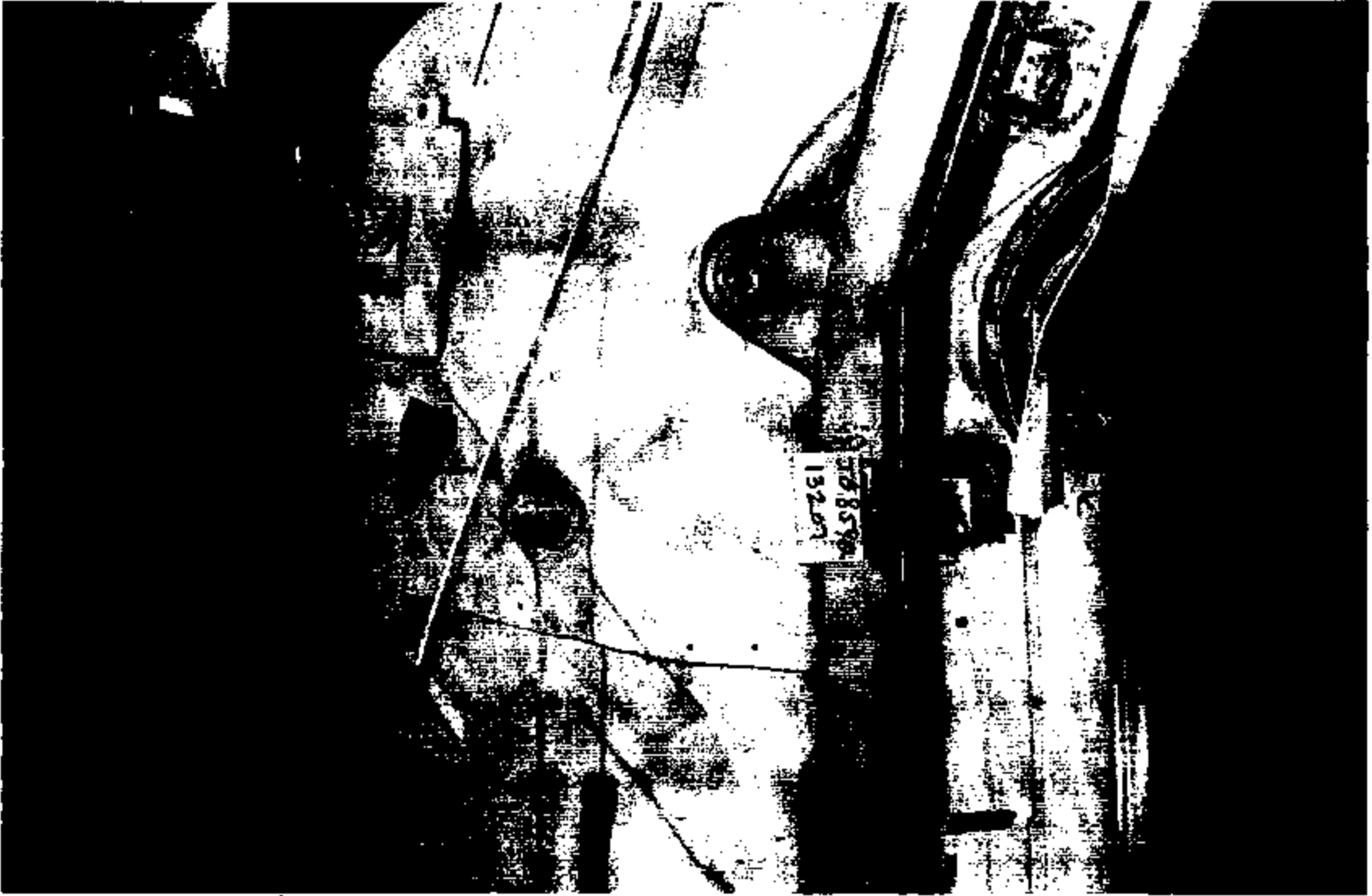
ENTIRE PAGE CONFIDENTIAL



Name: 13207052.jpg

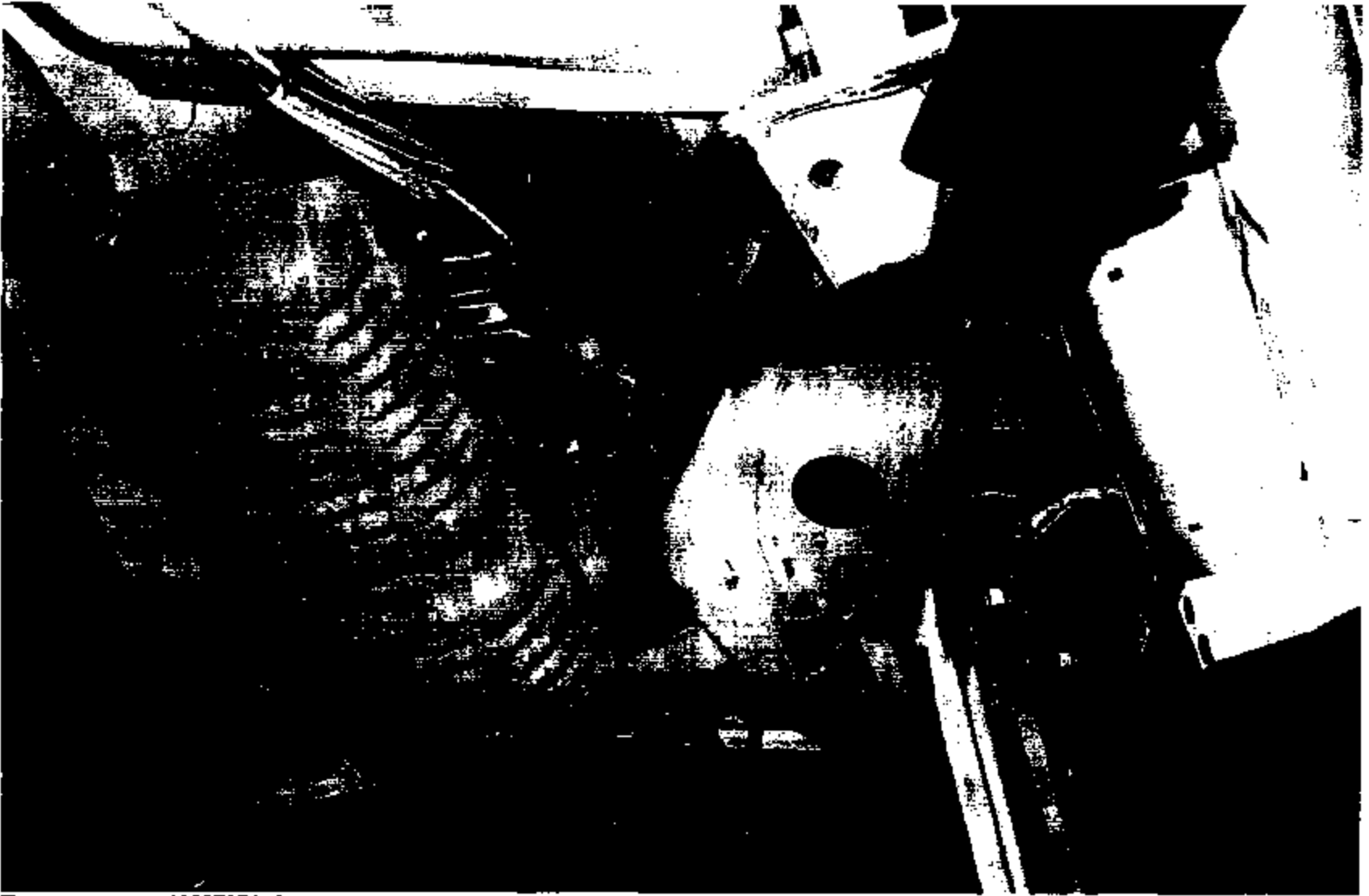
CRTS 0013207

ENTIRE PAGE CONFIDENTIAL



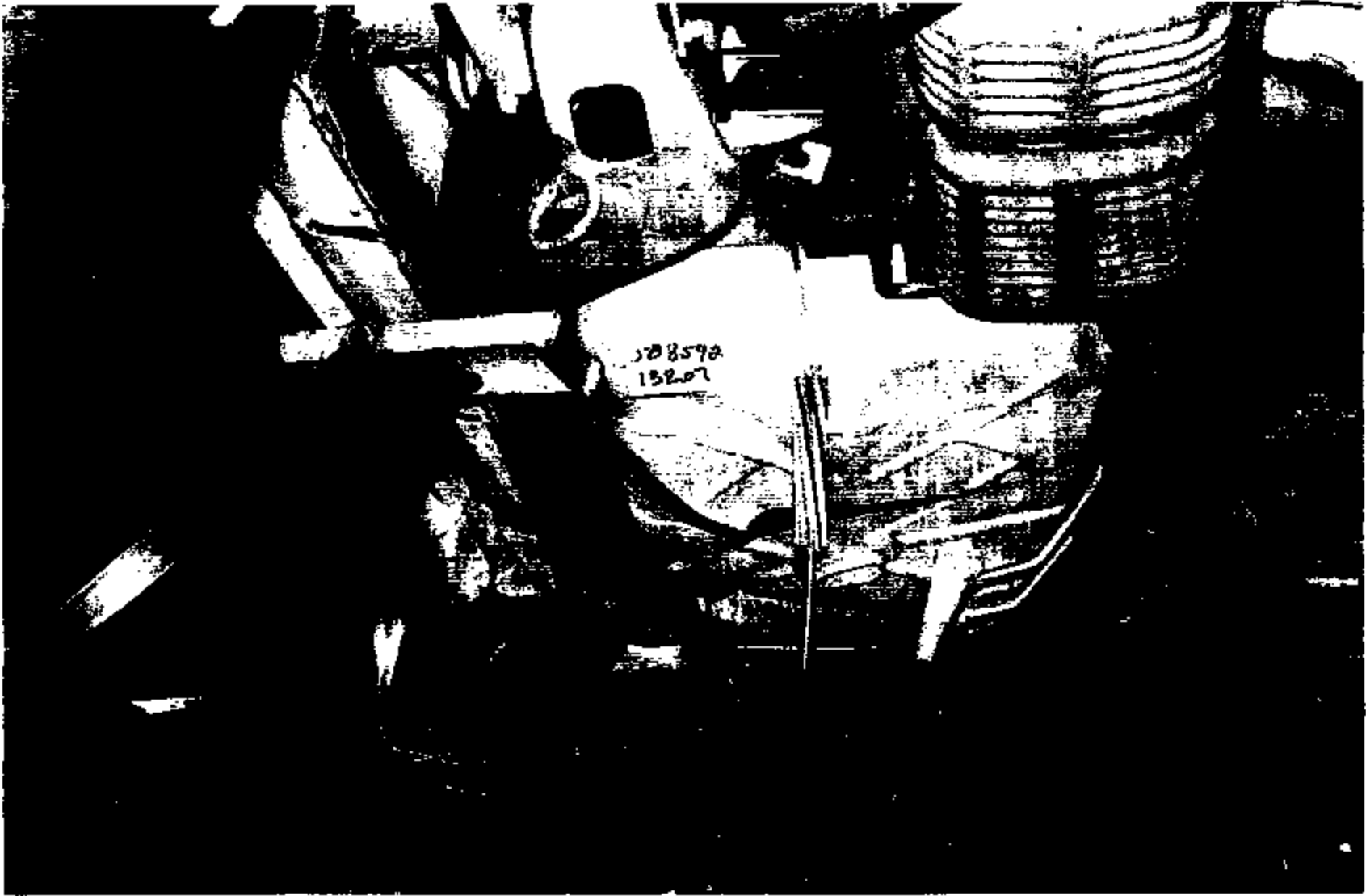
Name : 13207053 .jpg

CRIS 0013207



Name: 13207054 . jpg

CRTS 0013207



Name: 13207055.jpg

CRTS 0013207

TEST DETAIL REPORT

TA Overview

TA No.	Facility Group Name	Program Year	Program ID	TA Title	No. of Records	
000592	SAVING	2013	PA145	13 upr 2166 F016 (initial)	1	
<hr/>						
Reporting Dept. #	Work Dept #	JOB	Creation Date	Submission Date	Last Revised Date	Reported Completion Date
5108512	FD		10/13/2002	10/03/2003	11/18/2002	10/31/2002
<hr/>						
Contact Information						
Job Function	NAME	PHONE	FAX	EMAIL	DAY	
MANAGER	Frank, E. E. (NewJada)	1-313-2772003			Day	
ADDITIONAL MANAGER	Hurdle, M. K. (Bethan)	1-313-2484997			Day	
BUILD COORDINATOR	Clement, J. J. (John)	1-313-2453375			Day	
APPROVING SUPERVISOR	Kibkally, K. A. (Kerwin)	1-313-2271603			Day	
FIELD SENIOR ORG ENGINEER	Reed, D. R. (Dave)	1-313-2504988			Day	
<hr/>						
Comments						

"RECORD COPY"

Schedule No. 7-7-12

Retain Until 2022

CRIS 0013207

Generated By: gml1120
 Date: 10/18/2002
 Page 1 of 13



Ford Motor Company Internal Document
 Printed Copy as Part of Notebook is a Controlled Document.
 All Other Copies are Uncontrolled

ENTIRE PAGE CONFIDENTIAL

TEST DETAIL REPORT

TA/Matrix's Overview

N.A. No.	MMB	Run #	Test Date	Facility Name	Requested Peak Velocity	Crash Mode Angle	Crash Mode Impact Area	Test Type
384502	1			SOVH MARKING FACIT	13	90 Degree	Left Side Pole Int. Row	Development
Comment				Test Equipment FMSU 201 Side Pole Kits (aliders)		Peak Objective/Remarks impact investigation side Airbag AD		

CRIS 0013207

Generated By: gw11128
 Date: 10/18/2002
 Page 2 of 13

SPRITE

Ford Motor Company Internal Document
 Printed Copy as Part of Notebook is a Controlled Document.
 All Other Copies are Uncontrolled

ENTIRE PAGE CONFIDENTIAL

TEST DETAIL REPORT

Test Matrix Comments

Film Analysis Information

Measurement Location	Object		
Dummy Head	WRT VEHICLE LATERAL	Displacement, Velocity,	Acceleration
Dummy Head	WRT VEHICLE VERTICAL	Displacement, Velocity,	Acceleration
Dummy Head	WRT VEHICLE ROTATION	Displacement, Velocity,	Acceleration
Dummy Head	WRT POLE	Displacement, Velocity,	Acceleration
Impact Speed	WRT CRASH	Velocity	
Vehicle	WRT POLE INTRUSION (CRASH)	Displacement	
Dummy Chest	WRT VEHICLE ROTATION	Displacement, Velocity,	Acceleration

Comments

Media Request

- 0 Copies of High Speed(HS) Film required
 - 0 Copies of High Speed(HS) Film on VHS
 - 0 Copies of High Speed(HS) video on VHS
 - 0 Copies of High Speed(HS) video on DVD
 - 0 Copies of High Speed(HS) video on Blu-ray
 - 0 Prints on CD
 - 0 Prints on CD
 - 0 Digitized High Speed(HS) Film on CD
 - 0 Prints Printed
- Comments

CRIS 0013207

Generated By: god11120
Date: 10/18/2002
Page 3 of 13

SPRITE

Ford Motor Company Internal Document
Printed Copy as Part of Propbook is a Controlled Document.
All Other Copies are Uncontrolled

ENTIRE PAGE CONFIDENTIAL

TEST DETAIL REPORT

TA # JN8582
Matrix # 1

Object/Vehicle General Information

Test Object	Vehicle Year	Vehicle Make	Program Prototype Level	Vin #	Tag #	Build #	Dimensional Analysis
TEST	2005	Ford Car	API	1LMBG48E37637101	3158731		Yes

Notes/ Pictures #:

Object/Vehicle Body Information

Object	Vehicle Type	Drive Configuration	Body Type	Body Style	No. of Doors	Body Type
TEST	CAR	Left	BOX ON FRAME	SEDAN	4	

Object/Vehicle Mechanical Information

Object	Engine Type	Transmission Type	Drive Type	Wheel Base	Suspension Type
TEST	4-Cyl. 2V	5R70W	FWD 2WD	122.7	BOX SPRING ONLY

Tires (Size, Pressure): Front (P225/60R17, 32 psi) Rear (P225/60R17, 32 psi) Spare (, psi)

Object/Vehicle Ride Height Info

Object	Position	Height
TEST	FRONT	718 mm From WHEEL CENTER TO GROUND
	REAR	726 mm From WHEEL CENTER TO GROUND
	AXLE/SHOCK	Ang. From To
	CHASSIS	

Object/Vehicle Fuel Information

Object	Tank No.	Fuel System	Capacity (gal.)	Fill	Fill Amt. (gal.)	Service Price (per gal.)	Temp.	Fill Press. (psid)	Comments
TEST	1	Gasoline	15	04	0				Do not fill with Woodford. Or to fill with water if necessary for weight.

Generated By: jml1120
Date: 10/19/2002
Page 4 of 12



Ford Motor Company Internal Document

Printed Copy as Part of Notebook is a Controlled Document.
All other Copies are Uncontrolled

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL

TEST DETAIL REPORT

TA # JN8192
Matrix # 1

Object/Vehicle Weight Information						
Object	Each Weight	Quantity	(+/-) Var. / (-) Miss Var.	Total Average Load	Group Vehicle Weight Rating (GVWR)	Total Object Option Weight
WGT	Front	1571	(+13/-)	2541	<i>MT</i> 10/24/2002	316 Option Weight
	Rear	1421	(+13/-)	2476		
	Total	4994	(+26/-)	5017		
Comments						
Weight Subtraction Options	Side View Mirrors	Weight Additive Exclusions		Doors		
	Wipers			Instrument Panel		
	Front BUM			Front Footwell		
	Front Bumper			Front Seats		
	Headlights					
	Radiator					
	Coolant Resin					
	Washer Fluid Bottle					
	Air Cleaner					
	Alternator					
	Power Steering Pump					
	Spare Tire					
	Jack					
	Taillights					
	Rear Bumper					

CRIS 0013207

Generated By: gnd11170
Date: 10/10/2001
Page 3 of 13



Ford Motor Company Internal Document
Printed copy as part of spreadsheet is a Controlled Document.
All Other Copies are Uncontrolled

ENTIRE PAGE CONFIDENTIAL

TEST DETAIL REPORT

TA # 38892
Matrix # 1

Dummy Information

Object	Area	Section	Dummy Size/Type
TEST	LEFT	FRONT	SID/REAR

Seat Information

Object	Area	Section	Wash Track Pos	Vert Track Pos	Seat Back Angle	Seat Back Angle Reference	Dummy Back Angle	Head Rest Pos	Arm Rest Pos	H-ring Pos
TEST	LEFT	FRONT	RLD	FULL DOWN	20	Back of Frame 13in (330mm) from Pivot Point	25	FULL UP		3 - (2)
Seat ID Code	814		Right Seat Ref(x,y,z)	(124.4, -15.5, 37.4)		Seat 2 Point(x,y,z)	(112.7, -15.5, 37.6)			In Crowded Position Take Seat Track full up) Video (K/W)

CRIS 0013207

Generated by: qe11120
Date: 10/18/2002
Page 6 of 13



Ford Motor Company Internal Document
Printed Copy as Part of Emphack is a Controlled Document.
All other copies are Uncontrolled

ENTIRE PAGE CONFIDENTIAL

TEST DETAIL REPORT

EA # JMR302
Matrix # 1

Squib Information

Squib Number	Squib Name	Method	Timing (ms)
LEFT/RIGHT SIDE IMPACT AIRBAG-2811	LEFT SIDE AIRBAG	REMOVE FIRE ONLY	22

Hardware Information

Object	Mr Item Name	Mr Unit Code	Available Date	PART Number	Manufacturer	Mr Property Name	Mr Property Value
COMP	KIDN IMPACT AIRBAG	2811	03/27/2002	2813-54611010	Delphi	Comments Inflator Bag Rings Bag Vent Bag Volume Description	2805 FM145 A92 Side Airbag
COMP		214	02/27/2002	2813-3400234	Visteon	Description Comments Inst Pos. Track	2005 FM145 A92 seat with Delphi side airbag Power

CRIS 0019207

Generated By: gw11120
Date: 10/18/2002
Page 7 of 17



Ford Motor Company Internal Document
Printed Copy as Part of Feedback is a Controlled Document.
All other Copies are Uncontrolled

ENTIRE PAGE CONFIDENTIAL

TEST DETAIL REPORT

TA 0 JN8902
Matrix # 1

Instrumentation Information

Ch No.	Obj. Area	Section	Location	Sub Location	Axis	Sensor Type	Requested Full Scale	Filter Type	Number Chan	Sensor ZA
1	T LEFT	FRONT	DUMMY	HEAD C.G.	LONG		150	10000		
2	T LEFT	FRONT	DUMMY	HEAD C.G.	VERT		150	10000		
3	T LEFT	FRONT	DUMMY	HEAD C.G.	LAT		300	10000		
4	T LEFT	FRONT	DUMMY	NECK UPPER	PX	LOAD	1000	10000		
5	T LEFT	FRONT	DUMMY	NECK UPPER	PY	LOAD	2000	10000		
6	T LEFT	FRONT	DUMMY	NECK UPPER	PZ	LOAD	1500	10000		
7	T LEFT	FRONT	DUMMY	NECK UPPER	MX	LOAD	2000	6000		
8	T LEFT	FRONT	DUMMY	NECK UPPER	MY	LOAD	2500	6000		
9	T LEFT	FRONT	DUMMY	NECK UPPER	MZ	LOAD	1000	6000		
10	T LEFT	FRONT	DUMMY	T1	LONG		150	1000		
11	T LEFT	FRONT	DUMMY	T1	VERT		150	1000		
12	T LEFT	FRONT	DUMMY	T1/L	LAT		300	1000		
13	T LEFT	FRONT	DUMMY	T1/R	LAT		300	1000		
14	T LEFT	FRONT	DUMMY	THORAX/RIB/WO/FR	LAT		500	1000		
15	T LEFT	FRONT	DUMMY	THORAX/RIB/WO/REAR	LAT		500	1000		
16	T LEFT	FRONT	DUMMY	THORAX/RIB/NO/FR	LAT		500	1000		
17	T LEFT	FRONT	DUMMY	THORAX/RIB/NO/REAR	LAT		500	1000		
18	T LEFT	FRONT	DUMMY	CHINE DEFLECTION			4	1000		
19	T LEFT	FRONT	DUMMY	T13	LONG		100	1000		
20	T LEFT	FRONT	DUMMY	T13	VERT		150	1000		
21	T LEFT	FRONT	DUMMY	T13/FR	LAT		100	1000		
22	T LEFT	FRONT	DUMMY	T13/REAR	LAT		100	1000		
23	T LEFT	FRONT	DUMMY	PLV10	LONG		100	10000		
24	T LEFT	FRONT	DUMMY	PLV10	VERT		100	10000		
25	T LEFT	FRONT	DUMMY	PLV10/L	LAT		200	10000		
26	T LEFT	FRONT	DUMMY	PLV10/R	LAT		200	10000		
27	T LEFT	FRONT	DUMMY	HEAD		SWITCH	5	40000		
28	T LEFT	FRONT	DUMMY	THORAX		SWITCH	5	40000		
29	T LEFT	FRONT	DUMMY	ABDOMEN		SWITCH	5	40000		
30	T LEFT	FRONT	DUMMY	W-POINT		SWITCH	5	40000		
31	T LEFT	FRONT	DUMMY	THIGH		SWITCH	5	40000		
32	T		HEEL	SHOULDER OFF (IMMEDIATE)		SWITCH	5	40000		
33	T LEFT	REAR	HEAD SUPPORT	HEX ON #1A	LONG		400	600		
34	T LEFT	FRONT	HEAD SUPPORT	HE #1B	LONG		400	600		
35	T LEFT	FRONT	HEAD SUPPORT	FCS #2	LONG		400	600		
36	T LEFT	FRONT	HEAD SUPPORT	TMS			5	40000		

Generated By: gml1120
Date: 10/18/2002
Page 8 of 13



Ford Motor Company Internal Document

Printed Copy as Part of Propbook is a Controlled Document.
All Other Copies are Uncontrolled

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL

TEST DETAIL REPORT

TA # JM4592
Matrix # 1

Instrumentation Information

Ch No.	Obj.	Axis	Section	Location	Sub Location	Axis	Sensor Type	Requested Full Scale	Filter Type	Sensor Model	Comment
97	T	RIGHT	REAR	HEAD SUPPORT	SEAT IN 15A	LONG		400		60W	
98	T	RIGHT	FRONT	HEAD SUPPORT	SH 95B	LONG		400		60W	
99	T	RIGHT	FRONT	HEAD SUPPORT	PCN 95	LONG		400		60W	
40	T	RIGHT	FRONT	HEAD SUPPORT	TAK11			5		4000W	
41	T	LEFT	FRONT	SEAT AIRBAG	SEATB		VOLT	50		4000W	
42	T	LEFT	FRONT	SEAT AIRBAG	SEATB		CURR	20		4000W	
43	T		C/L	THE @ DASH	TAK15			5		4000W	
44	T		C/L	THE @ DASH	TAK16			5		4000W	
45	T		C/L	THE @ DASH	TAK1			5		4000W	
46	T		C/L	THE @ DASH	TAK2			5		4000W	
47	T		C/L	THE @ DASH	TAK3			5		4000W	
48	T		C/L	THE @ DASH	TAK4			5		4000W	
49	T		C/L	THE @ DASH	TAK5			5		4000W	
50	T		C/L	THE @ DASH	TAK7			5		4000W	
51	T		C/L	THE @ DASH	SH 817	LONG		600		60W	
52	T		C/L	THE @ DASH	SH 817	VEST		400		60W	
53	T		C/L	THE @ DASH	SH 817	LAT		400		60W	
54	T		C/L	THE @ DASH	PCN 818	LONG		600		60W	
55	T		C/L	THE @ DASH	PCN 818	VEST		400		60W	
56	T		C/L	THE @ DASH	PCN 818	LAT		400		60W	
57	T	LEFT		3-PLA IN @ RER	SH 822	LONG		2000		4000W	
58	T	LEFT		3-PLA IN @ RER	SH 822	VEST		2000		4000W	
59	T	LEFT		3-PLA IN @ RER	SH 822	LAT		2000		4000W	
60	T	LEFT		3-PLA IN @ RER	SH 823	LAT		2000		4000W	
61	T	LEFT		3-PLA IN @ RER	TRK 13	LAT		5		4000W	
62	T			THINK	@ FUEL SWITCH	LONG		500		60W	
63	T			THINK	@ FUEL SWITCH	VEST		500		60W	
64	T			THINK	@ FUEL SWITCH	LAT		700		60W	
65	T	RIGHT		3-PLA IN @ RER	SH 826	LONG		400		4000W	
66	T	RIGHT		3-PLA IN @ RER	SH 826	VEST		400		4000W	
67	T	RIGHT		3-PLA IN @ RER	SH 826	LAT		600		4000W	
68	T	RIGHT		3-PLA IN @ RER	SCS 827	LAT		600		4000W	
69	T	RIGHT		3-PLA IN @ RER	TRK 14	LAT		5		4000W	
70	T	LEFT	REAR	FRT FEM X-BEN	SH 89	LONG		700		60W	
71	T	LEFT	FRONT	FRT FEM X-BEN	PCN 810	LONG		700		60W	
72	T	LEFT	FRONT	FRT FEM X-BEN	TRK8			5		4000W	

Generated By: gw11120
Date: 10/18/2002
Page 9 of 13



Ford Motor Company Internal Document
Printed Copy as Part of Proprietary & Controlled Document.
All Other Copies are Uncontrolled

CRIS 0013207

ENTIRE PAGE CONFIDENTIAL

TEST DETAIL REPORT

EA 9 J28292
Matrix # 1

Instrumentation Information

CS No.	Obj. Area	Section	Location	Sub Location	Axis	Sensor Type	Range/Full Scale	Filter Type	Output	Units
71	T	LEFT	ROCKER	@ A-PILLAR	LONG		1000			GM
72	T	LEFT	ROCKER	@ A-PILLAR	VERT		1000			GM
75	T	LEFT	ROCKER	@ A-PILLAR	LAT		1500			GM
76	T	LEFT	ROCKER	@ FRONT SEAT MID	LONG		3000			GM
77	T	LEFT	ROCKER	@ FRONT SEAT MID	VERT		3000			GM
78	T	LEFT	ROCKER	@ FRONT SEAT MID	LAT		2000			GM
79	T	LEFT	ROCKER	@ B-PILLAR	LONG		2000			GM
80	T	LEFT	ROCKER	@ B-PILLAR	VERT		2000			GM
81	T	LEFT	ROCKER	@ B-PILLAR	LAT		2000			GM
82	T	LEFT	FRAME	@ B-PILLAR	LONG		2000			GM
83	T	LEFT	FRAME	@ B-PILLAR	VERT		2000			GM
84	T	LEFT	FRAME	@ B-PILLAR	LAT		2000			GM
85	T	RIGHT	REAR	FRY FRM X-SEN	28 013		700			GM
86	T	RIGHT	FRONT	FRY FRM X-SEN	PCS 014		700			GM
87	T	RIGHT	FRONT	FRY FRM X-SEN	TRCID		5		40000	
88	T	RIGHT	ROCKER	@ A-PILLAR	LONG		500			GM
89	T	RIGHT	ROCKER	@ A-PILLAR	VERT		500			GM
90	T	RIGHT	ROCKER	@ A-PILLAR	LAT		700			GM
91	T	RIGHT	ROCKER	@ FRONT SEAT MID	LONG		500			GM
92	T	RIGHT	ROCKER	@ FRONT SEAT MID	VERT		500			GM
93	T	RIGHT	ROCKER	@ FRONT SEAT MID	LAT		700			GM
94	T	RIGHT	ROCKER	@ B-PILLAR	LONG		500			GM
95	T	RIGHT	ROCKER	@ B-PILLAR	VERT		500			GM
96	T	RIGHT	ROCKER	@ B-PILLAR	LAT		700			GM
97	T	RIGHT	FRAME	@ B-PILLAR	LONG		500			GM
98	T	RIGHT	FRAME	@ B-PILLAR	VERT		500			GM
99	T	RIGHT	FRAME	@ B-PILLAR	LAT		700			GM

CRIS 0019207

Generated By: gwill120
Date: 10/18/2002
Page 10 of 13



Ford Motor Company Internal Document
Printed Copy as Part of Notebook is a Controlled Document.
All Other Copies are Uncontrolled

ENTIRE PAGE CONFIDENTIAL

TEST DETAIL REPORT

TA # J28383
Matrix # 1

DA Information			
Object	DA Request Code	Category	DA Image Name
TEST	414 CENTER POINTS (SIDE IMPACT) CAR	400 SIDE IMPACTS (CAR OR TRUCK)	req44.gif
TEST	413 PLOT_WHL LINE (EXTERIOR) (1st 50mm BOUNDLINE BELOW GLASS/W.STRIP)	400 SIDE IMPACTS (CAR OR TRUCK)	req43.gif
TEST	425 PLOT_WHL LINE (EXTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TEST	427 PLOT_CHARACTER LINE (EXTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TEST	429 PLOT_BOTTOM OF DOOR (EXTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TEST	431 PLOT_WHEEL MARK EXTERIOR (1st 10mm BOUNDLINE BELOW DOOR OPENING)	400 SIDE IMPACTS (CAR OR TRUCK)	
TEST	433 PLOT_WHL LINE (INTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TEST	435 PLOT_WHL LINE (INTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TEST	437 PLOT_HIP LINE (INTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TEST	438 PLOT_VERT. SECT. (1st 50mm BOW LINE FWD/HINDR PLANE @ 'A' PILLAR)	400 SIDE IMPACTS (CAR OR TRUCK)	req430.gif
TEST	439 PLOT_VERT. SECT. (@2100mm BODY LINE (Exterior & Interior) [S1, S2])	400 SIDE IMPACTS (CAR OR TRUCK)	
TEST	440 PLOT_VERT SECT. @ FRONT 'E' POINT (Exterior & Interior) [S1, S2]	400 SIDE IMPACTS (CAR OR TRUCK)	
TEST	441 PLOT_VERT SECT. (@1st 50mm FWD. /STRIPPER PLANE (Exterior & Interior) [S1, S2])	400 SIDE IMPACTS (CAR OR TRUCK)	

DA Request Comment

DA 650 Information				
Object	DA 650 Code	DA 650 Code Description	DA 650 Code Image Name	DA 650 Code Image Name
TEST	439.1	Record locations of all escalometers pre crash.		

CRIS 0013207

Generated By: gwill123
Date: 10/18/2002
Page 11 of 13



Ford Motor Company Internal Document
Printed Copy as Part of Feedback is a Controlled Document.
All Other Copies are Uncontrolled

ENTIRE PAGE CONFIDENTIAL

TEST DETAIL REPORT

EA # J28192
Matrix # 1

Matrix Camera Information

Camera Position	Camera Position Comments	Camera Category
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
View of Vehicle for Velocity Determination		Side Impact - Floor Coverage
Overall View of Impacted Vehicle Side Including Pole		Side Impact - Overhead Coverage
View of Impacted Side of Vehicle with Pole		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
T807	Front Dunny from Opposite Window Opening		Side Impact - Onboard
T807	Front Dunny from Front Bumper (Left)		Side Impact - Onboard
T807	Front Dunny Over Shoulder from Decklid (Left)	USE REVERSE MOUNTED CAMERA BACK	Side Impact - Onboard
T807	Fiber Optics - View of Front Dunny Interaction to Trim		Side Impact - Onboard

Object Custom Camera Information

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

CRIS 0013207

Generated By: gwilli20
Date: 10/18/2007
Page 12 of 13



Ford Motor Company Internal Document
Printed Copy as Part of Package is a Controlled Document.
All Other Copies are Uncontrolled

ENTIRE PAGE CONFIDENTIAL

TEST DETAIL REPORT

TR # J28592
Matrix # 1

CRIS 0013207

Generated By:
Date:
Page 12 of 13

gac11120
10/18/2000

SPRITE

Ford Motor Company Internal Document
Printed Copy as Part of Notebook is a Controlled Document.
All other copies are Uncontrolled

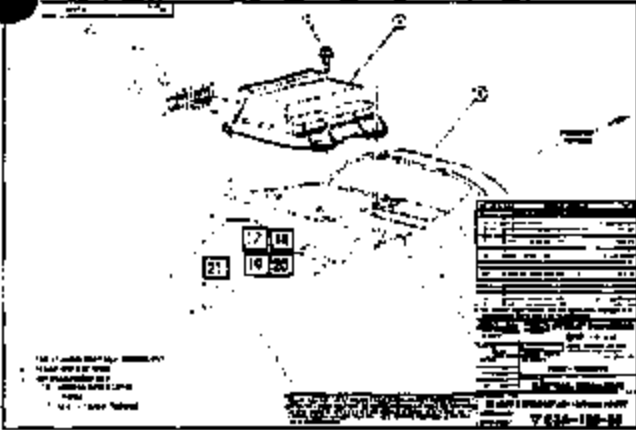
ENTIRE PAGE CONFIDENTIAL

Program: 3008 FN145
 Vehicle ID: 313H738
 Build: ext. AP2
 Tr-: Mode: 13 L, Side Pole

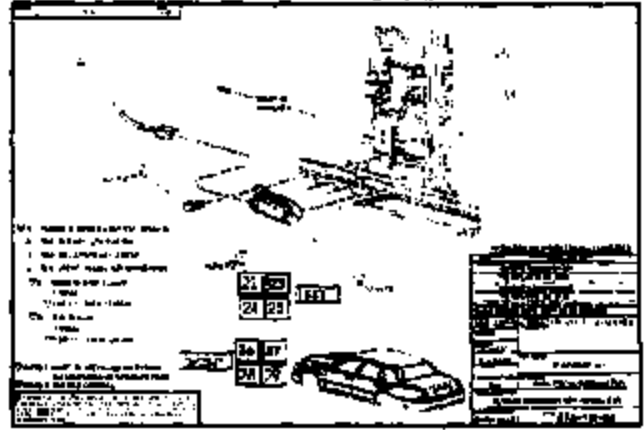
SENSOR MAP
 100002

Engineer: DAVE PECO
 Phone #: 49-60892
 Date: 10/17/02
 Time: 7 AM

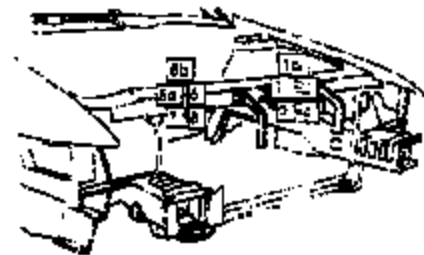
ICN Location (C/TN TUNNEL @ DASH)



SCN (except R-Pillar Location (R and L-IB-PLR IN J. ROCKER)



ICS Location (L and R / REAR and FRONT RAD SUPPORT NET)



ICS Front Front Frame X-member SBR Location (L and R / REAR and FRONT FET FRM X-MEM)



DO NOT ZERO ODAS Channels with TAK1 - TAK21 Connected !!

Location Name	Type	Output	Nominal (+/-)	Sensor Channels only		Notes
				Max/min	Serial #	
Front Grille Sensor Harness Overlay(s) Must be Routed through the Engine Compartment in the Same Manner as the Production Infant Harness						
1 BREAK RAD SUPPORT BRK_RM	anal	LOW				On the back of PCB harness, directly behind PCB on dash panel
2 LFRONT RAD SUPPORT BRK	anal	LOW				On front of radiator support, directly above PCB (connector side)
3 LFRONT RAD SUPPORT BRK_PCM	anal	LOW				On PCB sensor
4 LFRONT RAD SUPPORT BRK_TAK1	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		PCB Internal anal
5 LFRONT RAD SUPPORT PCB	Sense	NA	NO ODAS OUTPUT		MANPCB-1	TAKATA PCB Connector (Chassis Side RAD Support)
6 REAR RAD SUPPORT BRK_RM	anal	LOW				On the back of PCB harness, directly behind PCB on dash panel
7 RFRONT RAD SUPPORT BRK	anal	LOW				On front of radiator support, directly above PCB (connector side)
8 RFRONT RAD SUPPORT BRK_PCM	anal	LOW				On PCB sensor
9 RFRONT RAD SUPPORT BRK_TAK1	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		PCB Internal anal
10 RFRONT RAD SUPPORT_DICE1	Sense	NA	NO ODAS OUTPUT		MANPCB-1	TAKATA PCB Connector (Chassis Side RAD Support)
11 REAR FRT FRM X-SENS_RM	anal	LOW				On the back of frame X-member, directly behind PCB on dash panel
12 LFRONT FRT FRM X-SENS_PCM	anal	LOW				On PCB sensor
13 LFRONT FRT FRM X-SENS_TAK1	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		PCB Internal anal
14 LFRONT FRT FRM X-SENS_DICE1	Sense	NA	NO ODAS OUTPUT		MANPCB-1	TAKATA PCB Connector (Chassis Side Front Frame X-member)
15 REAR FRT FRM X-SENS_RM	anal	LOW				On the back of frame X-member, directly behind PCB on dash panel
16 RFRONT FRT FRM X-SENS_PCM	anal	LOW				On PCB sensor
17 RFRONT FRT FRM X-SENS_TAK1	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		PCB Internal anal
18 RFRONT FRT FRM X-SENS_DICE1	Sense	NA	NO ODAS OUTPUT		MANPCB-1	TAKATA PCB Connector (Chassis Side Front Frame X-member)
19 CTR TUNNEL @ DASH_RM	anal	TRKAK				From BCM
20 CTR TUNNEL @ DASH_PCM	anal	TRKAK				On BCM
21 CTR TUNNEL @ DASH_TAK1	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
22 CTR TUNNEL @ DASH_TAK2	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
23 CTR TUNNEL @ DASH_TAK3	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
24 CTR TUNNEL @ DASH_TAK4	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
25 CTR TUNNEL @ DASH_TAK5	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
26 CTR TUNNEL @ DASH_TAK6	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
27 CTR TUNNEL @ DASH_TAK7	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
28 CTR TUNNEL @ DASH_TAK8	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
29 CTR TUNNEL @ DASH_TAK9	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
30 CTR TUNNEL @ DASH_TAK10	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
31 CTR TUNNEL @ DASH_TAK11	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
32 CTR TUNNEL @ DASH_TAK12	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
33 CTR TUNNEL @ DASH_TAK13	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
34 CTR TUNNEL @ DASH_TAK14	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
35 CTR TUNNEL @ DASH_TAK15	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
36 CTR TUNNEL @ DASH_TAK16	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
37 CTR TUNNEL @ DASH_TAK17	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
38 CTR TUNNEL @ DASH_TAK18	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
39 CTR TUNNEL @ DASH_TAK19	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
40 CTR TUNNEL @ DASH_TAK20	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
41 CTR TUNNEL @ DASH_TAK21	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
42 L6-PLA_M_0_BOOCHE_RM	anal	TRKAK				May BCM lose of supply current on dash panel
43 L6-PLA_M_0_BOOCHE_PCM	anal	LAT				On PCB sensor
44 L6-PLA_M_0_BOOCHE_TAK1	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
45 L6-PLA_M_0_BOOCHE_DICE1	Sense	NA	NO ODAS OUTPUT		MANPCB-1	TAKATA PCB Connector (TRKAK)
46 R6-PLA_M_0_BOOCHE_RM	anal	TRKAK				May PCB lose of R-6 (placement) on dash panel
47 R6-PLA_M_0_BOOCHE_PCM	anal	LAT				On PCB sensor
48 R6-PLA_M_0_BOOCHE_TAK1	STDR	Yelm	2.5v (+/- 50mV)	10 / 0 V		BCM Internal anal
49 R6-PLA_M_0_BOOCHE_DICE1	Sense	NA	NO ODAS OUTPUT		MANPCB-1	TAKATA PCB Connector (TRKAK)

Advanced Data Entry

20	Throttle Cable	NO	Yelm		10 / 0 V	Red ODAS (Data Entry Output) to TAKATA
21	Throttle YAKATA_TAK16	NO	Yelm	0v (+/- 100mV)	+10/-10 V	TAKATA Plug Into Output to Fuel ODAS
22	TAK19	STDR	Yelm	0v (+/- 100mV)	+10/-10 V	*10-Pass Door
23	TAK20	STDR	Yelm	0v (+/- 100mV)	+10/-10 V	*10-Pass Door
24	TAK21	STDR	Yelm	0v (+/- 100mV)	+10/-10 V	*10-Pass Door
25	Upper Front Door (High Target Side)	Sense	NA	NO ODAS OUTPUT		TAKATA Connector
26	Lower Front Door (High Target Side)	Sense	NA	NO ODAS OUTPUT		TAKATA Connector
27	Front Door (Left Target Side)	Sense	NA	NO ODAS OUTPUT		TAKATA Connector
28	Rear Door (Right Target Side)	Sense	NA	NO ODAS OUTPUT		TAKATA Connector

Notes:
 Numbers 20, 21, and 24 (TAK19, TAK20, TAK21) are all signals for authorized by Takata/development the day of the Code.
 These signals have a special function during the vehicle condition.

Side Impact Dummy Positioning Sheet

Crash Number	1997	
T.O.	EM99	
Test Date	10/24/98	
Test Mode (e.g. 301, 214, Euro, LINDAP, etc)	L201	
Model Year	2003	
Program Name	FN148	
Day Location (L/R, RF, etc)	LF	
Dummy Serial Number	162	
Seatback Angle - Pkg Lab (Degrees)	29.2	
Seatback Angle - Actual (Degrees)	24.8	
Dummy to Interlock H-pt Long (+/- 0.1 inch required) (inch)	-0.2	
Dummy to Interlock H-pt Vert (+/- 0.1 inch required) (inch)	-0.1	
H-Point to Door Strike Long (inch)	8.8	
H-Point to Door Strike Vert (inch)	-4.0	
H-Point to Ground (vertical) (inch)	29.8	
Pelvis Angle (Degrees)	24.8	
Head to Upper Steering/Headrest (shortest) (inch)		
Head C.G. to Striker Long (inch)	8.8	
Head C.G. to Striker Vert (inch)	20.2	
Head C.G. to roof side rail (shortest) (inch)	3.8	
Head C.G. to window (internal) (inch)	10.4	
L/Knee to SP/Seatback (shortest) (inch)	3.5	
R/Knee to LP/Seatback (shortest) (inch)	3.8	
Abdomen to lower steering/seatback (horizontal) (inch)		
Pelvis centerline to Vehicle centerline (internal) (inch)	16.0	
Chest centerline to Vehicle centerline (internal) (inch)	16.0	
Chest centerline to Vehicle centerline (internal) (SA) (inch)	16.0	
Chest to Beltline (internal, shortest) (inch)	8.2	
Pelvis to H-Point (internal) (inch)	6.6	
Pelvis to nearest internal hard point (internal) (inch)		
Head Angle		
Chest Angle		
Head C.G. to H-Pt Angle		
L/F Wheel Sp height (vertical to ground) (mm)		
R/F Wheel Sp height (vertical to ground) (mm)		
L/R Wheel Sp height (vertical to ground) (mm)		
R/R Wheel Sp height (vertical to ground) (mm)		
Top of Bumper to Ground (inch)		
Impact Mark Relative to Target Front (X) (mm)		
Impact Mark Relative to Target Front (Z) (mm)		
Impact Mark Relative to Target rear (X) (mm)		
Impact Mark Relative to Target rear (Z) (mm)		

CRIS 0013207

Run Number	Channel	Channel Description	Axis	Transducer	Bridge	Cable 2	Cable 1	DAS Unit	DAS Chan	Sw	TA Number
13207	25	LEPT/FRONT DUMMY PELVIS/L	LAT	49647	1		BJL-2	MD32049	2		JB8592
Intermittent Data From: 88 ms To: 157 ms Data is Unusable Cause: Investigation Pending Equipment Fault											
13207	57	LEPT/B-FLR IN @ RKR SM #22	LONG	51781	1		CDM-4	MD32007	4		JB8592
Low Channel Utilization From: -100 ms To: 500 ms Data is Good Cause: Wrong Full Scale Process Fault											
13207	58	LEPT/B-FLR IN @ RKR SM #22	VERT	49458	1		CDM-1	MD32007	1		JB8592
Low Channel Utilization From: -100 ms To: 500 ms Data is Good Cause: Wrong Full Scale Process Fault											
13207	59	LEPT/B-FLR IN @ RKR SM #22	LAT	51788	1		CDM-3	MD32007	3		JB8592
Low Channel Utilization From: -100 ms To: 500 ms Data is Good Cause: Wrong Full Scale Process Fault											
13207	60	LEPT/B-FLR IN @ RKR SCS #23	LAT	51780	1		CDM-2	MD32007	2		JB8592
Low Channel Utilization From: -100 ms To: 500 ms Data is Good Cause: Wrong Full Scale Process Fault											

CRIS 0013207

