

EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1458 Public

Image Source Inc.

801 Front Street

Toledo Ohio 43605

419 1877211



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Date 12 13 1994  
Month Day  
Place Toledo Ohio  
City State

Thomas J. Carder  
Signature  
Camera Operator  
Title  
801 Front St.  
Location

EA12-005-Chrysler-001163

SAFETY (ESI) - SUMMARY SHEET

TYPE OF TEST 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER TEST NO. 1458  
 MODEL TESTED XJ PROTOTYPE ENGINE TYPE 151 TEST DATE 8-21-81  
 TESTED FOR \_\_\_\_\_ MODEL \_\_\_\_\_ YEAR \_\_\_\_\_ TEST SPEED 30.02 MPH  
 REQUESTED BY S. F. KRSTOFF TEST WEIGHT 3899 LBS.  
 REFERENCE WRITTEN TEST REQUEST DATED 6-17-81.

TEST OBJECTIVE:

DEVELOPMENT TEST, FMVSS - 301.

VEHICLE DESCRIPTION:

SUMMARY OF RESULTS

FMVSS NO.	PASSED		DATA SUMMARY	DATA REFERENCE
	YES	NO		
-			<u>12.6</u> VEHICLE CRUSH - INCHES	
204			<u>N/A</u> STG COL. MAX INTRU. - INCHES	
212			<u>N/A</u> WINDSHIELD - PERCENT RETENTION	
581			BUMPERS <u>N/A</u>	
219			WINDSHIELD ZONE INTRUSION <u>N/A</u>	
301	X		FULL SYSTEM INTEGRITY _____	

COMMENTS:

TEST DIRECTOR H. R. TURTLE REPORTED BY F. G. CHESEN  
 TEST COORDINATOR B. J. Turco EA12-005-Chrysler-001164  
 DATE 11/11/81

## GENERAL VEHICLE DATA SHEET

TEST NO. 1468

TYPE OF TEST 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER TEST DATE 8-21-81ACTUAL SPEED 30.02 MPH ACTUAL MODEL TESTED XJ PROTOTYPE TRNG. FOUR SPEED FLOORENGINE 151 I.D. NO. CR-4 PLT. BLT. KENDSHA MODEL TESTED FOR \_\_\_\_\_SEAT TYPE:  FBFB  FDSB  INDIV  BUCKET  OTHER: \_\_\_\_\_

YEAR: \_\_\_\_\_ SETTING: Midpoint which is \_\_\_\_\_ forward of the rearmost position.

REAR SEAT N/ASTEERING WHEEL:  Std.  Sport  Other SETTING STRAIGHT AHEAD

DESCRIPTION: \_\_\_\_\_

STEERING COLUMN TYPE:  Prod. E.A.  Other DESCRIPTION: \_\_\_\_\_FRONT BUMPER:  Conventional  E.A.  Other DESCRIPTION: N/AREAR BUMPER:  Conventional  E.A.  Other DESCRIPTION: PROTOTYPEWEIGHT TO SIMULATE: 1871 LBS. FRONT, 2024 LBS. REAR, 3895 LBS. TOTALWEIGHTS: BALLAST 650.0 LB @ REAR SEAT AREA DUMMIES 330.0 LBLI @ \_\_\_\_\_ FULL 108.0 LB.LB @ \_\_\_\_\_ EQUIPMENT 10.0 LB.TEST WEIGHT: FRONT 1948 LBS. REAR 1951 LBS. TOTAL 3899 LBSFENDER HEIGHTS: L.F. 31.50" R.F. 31.37" L.R. 29.50" R.R. 29.50"

(At Axle)

FUEL TANK FILLED TO 95 % (16.6 gal.) OF RATED CAPACITY (17.0 gal.).

COMMENTS \_\_\_\_\_

SAFETY TEST DIRECTOR H. R. TURTLE

SAFETY TEST COORDINATOR \_\_\_\_\_ DATE \_\_\_\_\_

EA12-005-Chrysler-001165



# Pre-Test Modification Sheet

TEST NO. 1450

CAR NO. CR-4 TEST TYPE 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER

DATE 8-13-81 MECHANIC \_\_\_\_\_ REQUESTED BY S. F. KRSTOFF

ADJ. TEST WT. (LBS.): FRT. 1048 REAR 1953 TOTAL 3000 DUMMIES USED 050 R & L

WEIGHTS BALLAST 650.0 LB. @ REAR SEAT AREA DUMMIES 330.0 LB.

\_\_\_\_\_ LB. @ \_\_\_\_\_ FUEL 108.0 LB.

\_\_\_\_\_ LB. @ \_\_\_\_\_ EQUIPMENT 10.0 LB.

FENDER HEIGHTS: L.F. 31.51" R.F. 31.37" L.R. 29.50" R.R. 29.50"

FUEL TANK FILLED TO 95 % (16.6 gal) OF RATED CAPACITY (17.0 gals.)

PART NUMBER	PART NAME	DESCRIPTION
		<div style="border: 2px solid yellow; width: 80%; margin: auto; height: 100px;"></div>

EA12-005- Chrysler -001166

TYPE OF TEST: 30 MPH PERP. REAR IMPACT - INVADILE BARRIER TEST NO.: 1458

TEST DATE: 8-21-81

TEST SPEED: DESIRED 30.0 MPH, TIME 11:19 A.M. YRAD 30.02 MPH

INSTRUMENT CONTINUITY ALL INSTRUMENTATION RAN. LASER N/A MPH

CAMERAS ALL CAMERAS RAN.

SEATS RIGHT FRONT SEAT TRACK WENT TO FULL REARWARD POSITION, LEFT FRONT SEAT TRACK DID NOT MOVE, RIGHT AND LEFT FRONT SEAT BACK RESTS LAYED BACK.

DUMMIES RIGHT AND LEFT DUMMIES LAYED BACK WITH FRONT SEAT BACK RESTS.

FUEL SYSTEM

SPARE TIRE AND JACK NONE USED.

OTHER COMMENTS

EA12-005- Chrysler -001167

INSPECTED BY J. P. MCCARTHY TEST DIRECTOR H. R. TURTLE

HIGH-SPEED MOTION PICTURE ANALYSIS

TEST DATE: August 21, 1981	MODEL: XJ Proto	TEST NO. 1458
TYPE OF TEST: Perpendicular Rear Impact --- Movable Barrier		
DESIRED SPEED: 30.0 M.P.H.	ANALYZED SPEED: 30.1	M.P.H.

Note: Maximum Crush of test vehicle was 12.6 inches at .069 seconds.

ANALYSIS BY: Alex Spiroff

EA12-005-Chrysler-001168  
DATE: September 1, 1981

PIVSS - 101

TEST NO. 1458

MODEL X1 PROTOTYPE

TYPE OF TEST 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER

TEST DATE 0-21-81

Fuel spillage in the 5 minute period following cessation of vehicle motion after impact. (Total)

NO SPILLAGE

Fuel spillage during subsequent 25 minute period. (Total)

NO SPILLAGE

During the 25 minute period, did the spillage exceed one ounce by weight at any one minute interval?

NO

YES

COMMENTS:

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Checked by J. P. McCARTHY

This vehicle

Passed

Failed

A.H. Specification SFAM 1404G









EA12-005- Chrysler -001169

TYPE OF TEST 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER TEST NO. 146A  
 MODEL TESTED PROTOTYPE XJ ENGINE 161 TRANS. 4 SPEED FLOOR TEST DATE 8-13-81  
 TESTED FOR PROTOTYPE XJ V.I.N. OR I.D. CR-4 PLANT BUILT KEHOSIA

COMMENTS

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> WAT. REMOVED     | <input type="checkbox"/> AIR CLEANER OIL                                   |
| <input checked="" type="checkbox"/> COOLANT DRAINED  | <input type="checkbox"/> FUEL SYSTEM PURGED                                |
| <input checked="" type="checkbox"/> ENG. OIL DRAINED | <input type="checkbox"/> VENT SYSTEM DRAINED                               |
| <input type="checkbox"/> HOOD REMOVED                | <input checked="" type="checkbox"/> TANK TO 95% CAP.<br>W/STANDARD SOLVENT |

Time duration from barrier impact until start of static rollover test. \_\_\_\_\_  
 Time duration to rotate vehicle through 90 degrees: 3 minutes.

 <u>0-90° RT. SIDE DOWN - CLOCKWISE</u>	 <u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u>
① NO LEAKS.	①
② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.	② 1ST MIN. 2ND MIN. 3RD MIN.
 <u>90-180° UPSIDE DOWN</u>	 <u>90-180° UPSIDE DOWN</u>
① NO LEAKS.	①
② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.	② 1ST MIN. 2ND MIN. 3RD MIN.
 <u>180-270° LEFT SIDE DOWN</u>	 <u>180-270° RIGHT SIDE DOWN</u>
① NO LEAKS.	①
② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.	② 1ST MIN. 2ND MIN. 3RD MIN.
 <u>270-0° NORMAL ATTITUDE</u>	 <u>270-0° NORMAL ATTITUDE</u>
NO LEAKS.	

EA12-005- Chrysler -001170

KEY: ① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
 ② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

REPORTED BY D. E. CRUCIANELLI









TYPE OF TEST 90 MPH PERP. REAR IMPACT-MOVABLE BARRIER TEST NO. 146R  
 MODEL TESTED PROTOTYPE XJ ENGINE 151 TRANS. 4 SPEED FLOOR TEST DATE: 8-21-61  
 TESTED FOR XJ V.I.N. OR I.O. CR-4 PLANT BUILT KENOSHA

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> OIL REMOVED      | <input type="checkbox"/> AIR CLEANER ON              |
| <input checked="" type="checkbox"/> COOLANT DRAINED  | <input type="checkbox"/> FUEL SYSTEM PRIMED          |
| <input checked="" type="checkbox"/> ENG. OIL DRAINED | <input type="checkbox"/> VENT SYSTEM PURGED          |
| <input type="checkbox"/> HOOD REMOVED                | <input checked="" type="checkbox"/> TANK TO 98% CAP. |
|  | <input type="checkbox"/> W/STANDARD SOLVENT          |

COMMENTS

FUEL LEAKAGE NOTED WAS FROM BETWEEN FUEL VENT SEAL AND TANK.

Time duration from barrier impact until start of static rollover test, 2.0 HOURS  
 Time duration to rotate vehicle through 90 degrees, 3 minutes.

<p> <u>0-90° RT. SIDE DOWN - CLOCKWISE</u></p> <p>①</p>	<p> <u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u></p> <p>① NO LEAKS.</p>
<p>② 1ST MIN. 2ND MIN. 3RD MIN.</p>	<p>② 1ST MIN. 0.30 OZ. BY WT. FROM FUEL TANK VENT. 2ND MIN. 0.30 OZ. BY WT. FROM FUEL TANK VENT. 3RD MIN. 0.30 OZ. BY WT. FROM FUEL TANK VENT.</p>
<p> <u>90-180° UPSIDE DOWN</u></p> <p>①</p>	<p> <u>90-180° UPSIDE DOWN</u></p> <p>① NO LEAKS.</p>
<p>② 1ST MIN. 2ND MIN. 3RD MIN.</p>	<p>② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.</p>
<p> <u>180-270° LEFT SIDE DOWN</u></p> <p>①</p>	<p> <u>180-270° RIGHT SIDE DOWN</u></p> <p>① NO LEAKS.</p>
<p>② 1ST MIN. 2ND MIN. 3RD MIN.</p>	<p>② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.</p>
<p> <u>270-0° NORMAL ATTITUDE</u></p>	<p> <u>270-0° NORMAL ATTITUDE</u></p> <p>NO LEAKS.</p>

EA12-005- Chrysler -001171

- ① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
 ② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

REPORTED BY J. P. MCCARTHY

WISCONSIN TEST CENTER  
SAFETY TESTING & INSTRUMENTATION DEPARTMENT

MODEL X-1 PROTOTYPE

TEST DATE 8-18-81

TESTED BY: H. HYATT

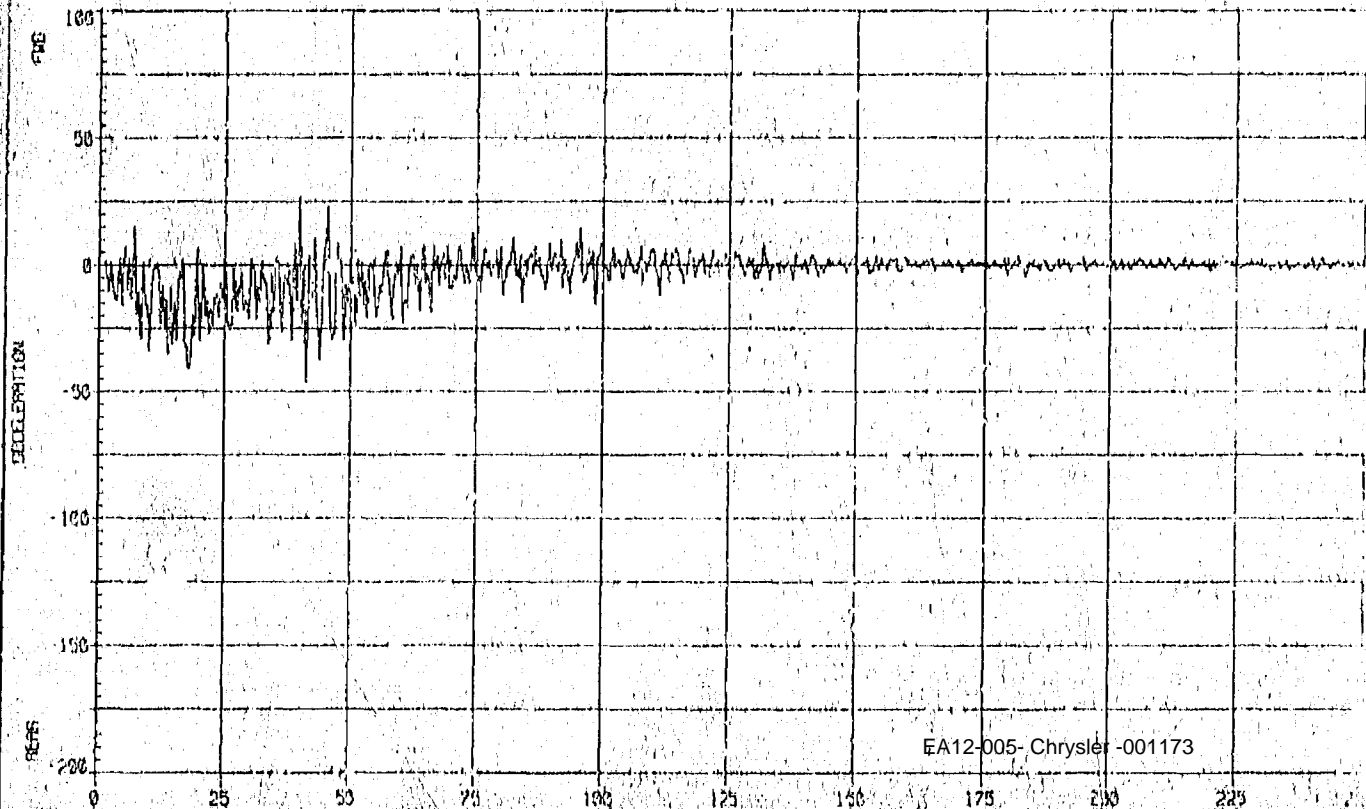
P. KOPITZKE

APPROVED BY Thomas R. Hryzek DATE 9-15-81

TELEVISION

TEST NO. 1458  
TEST DATE 8-18-81  
MODEL 4

MOVABLE BARRIER  
AVERAGE DECELERATION (G)  
SAE J211 FILTER CLASS 800

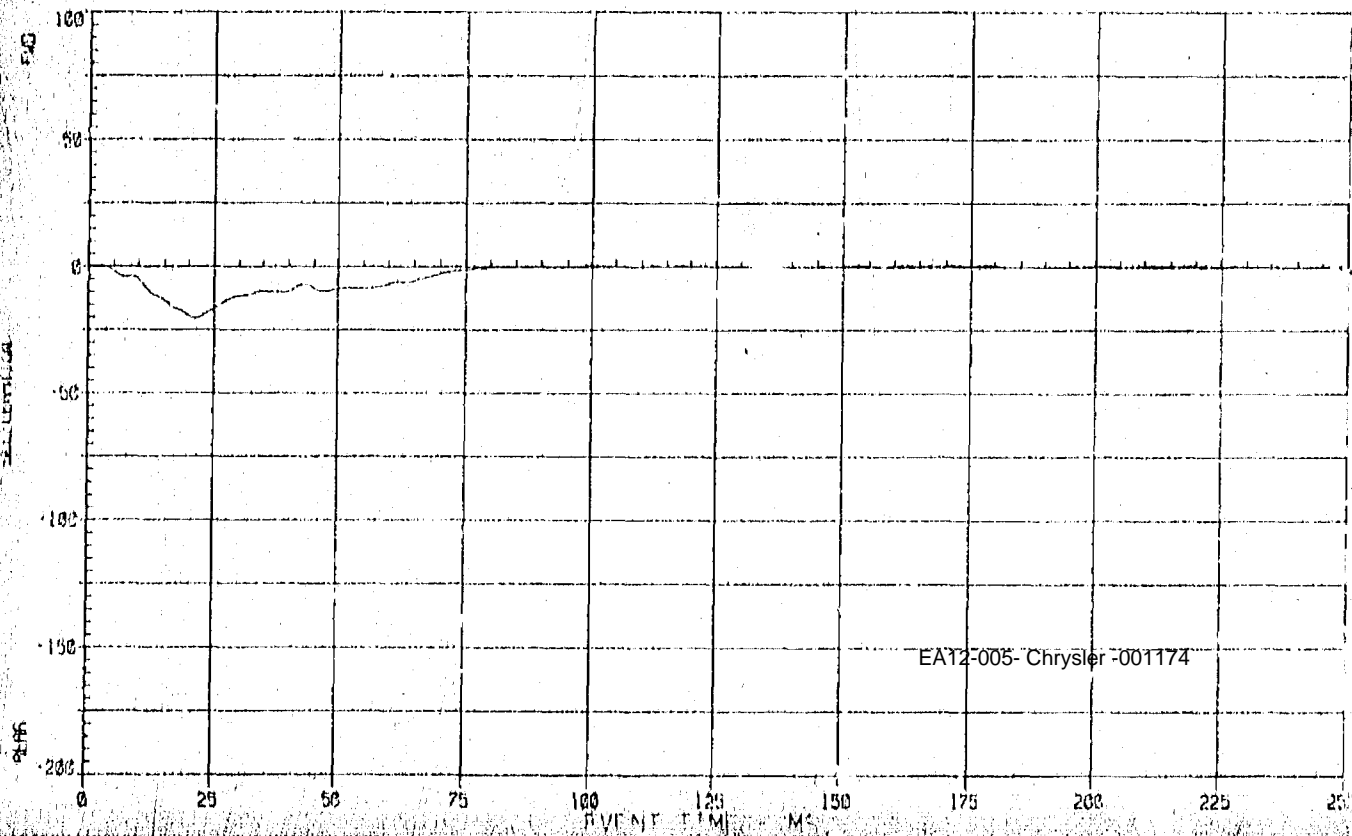


EA12-005- Chrysler -001173



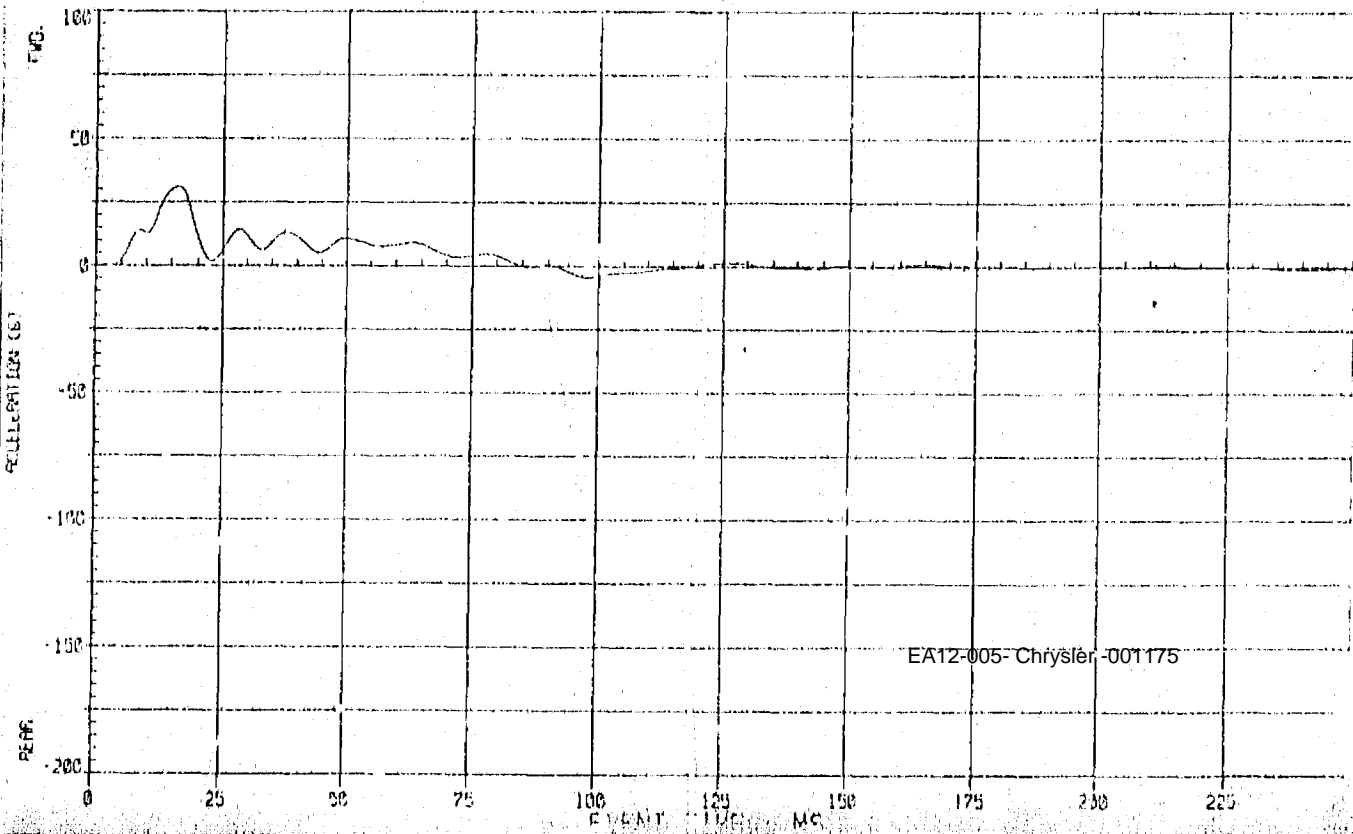
TEST NO. 1458  
TEST DATE 8-18-81  
MODEL 4

MOVABLE BARRIER  
AVERAGE DECELERATION (G)  
SAE J211 FILTER CLASS 60



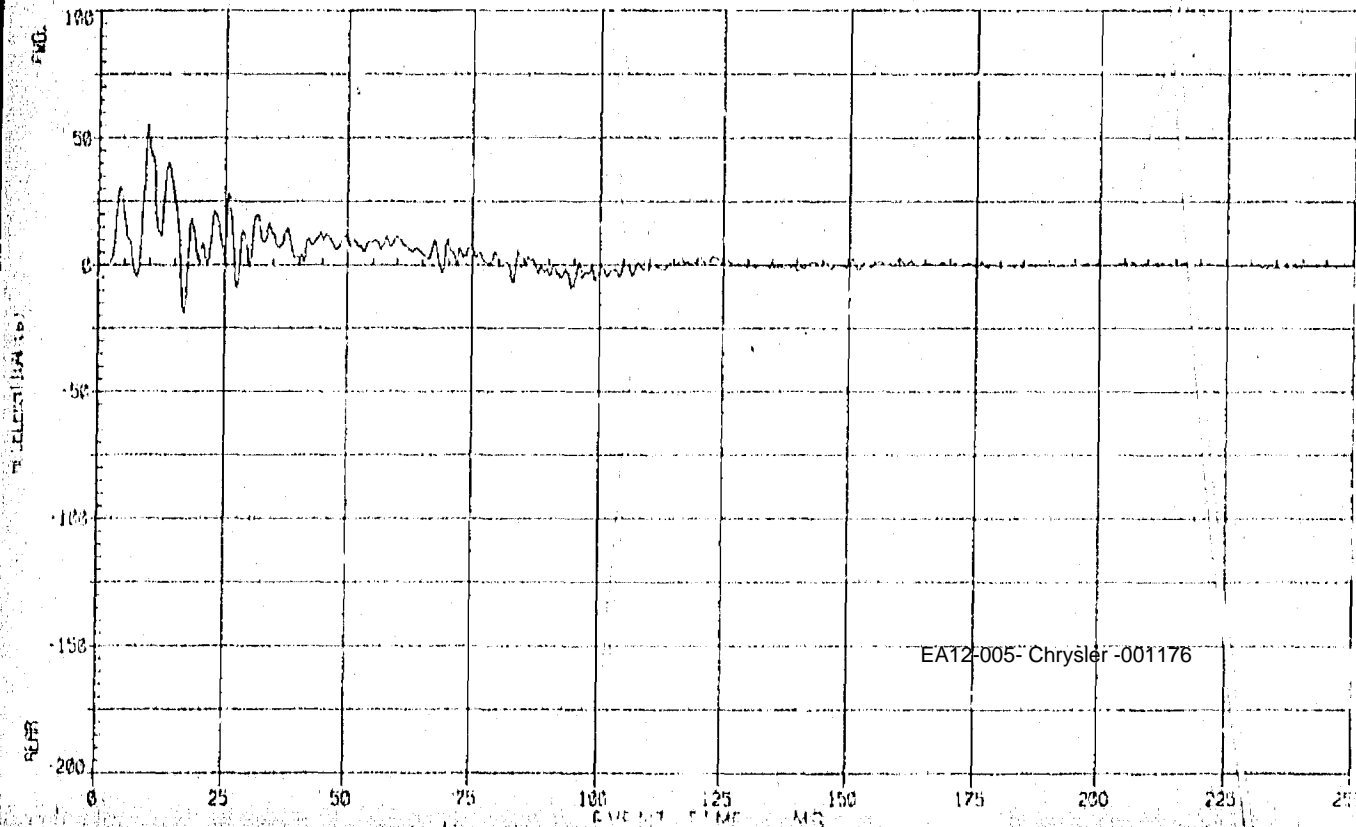
TEST NO. 1453  
TEST DATE 8-18-81  
MODEL 4

CHASSIS  
AVERAGE ACCELERATION (G)  
SAE J211 FILTER CLASS 60



TEST NO. 1458  
TEST DATE 8-18-81  
MODEL 4

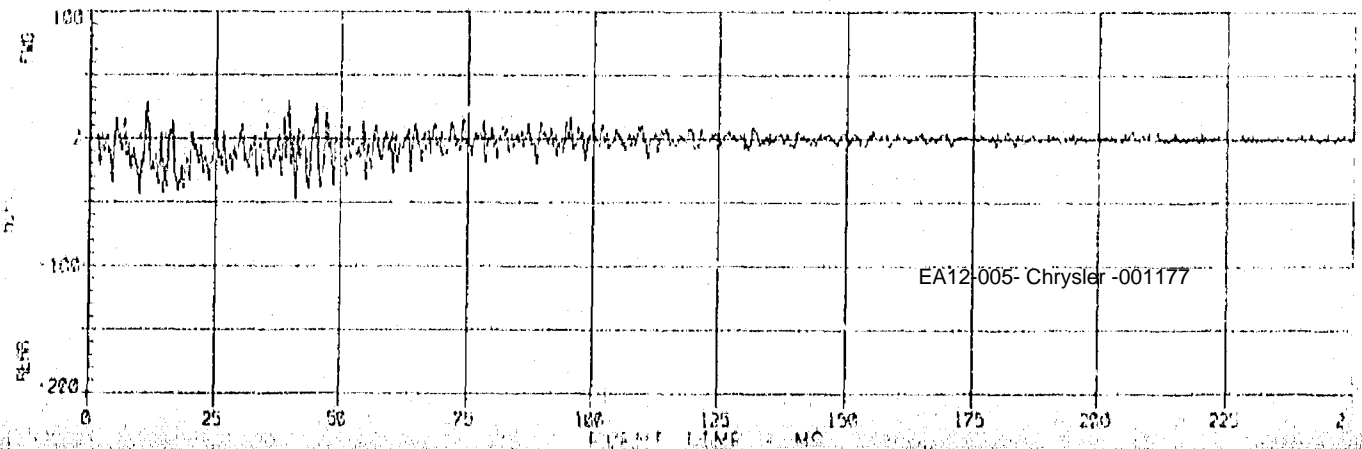
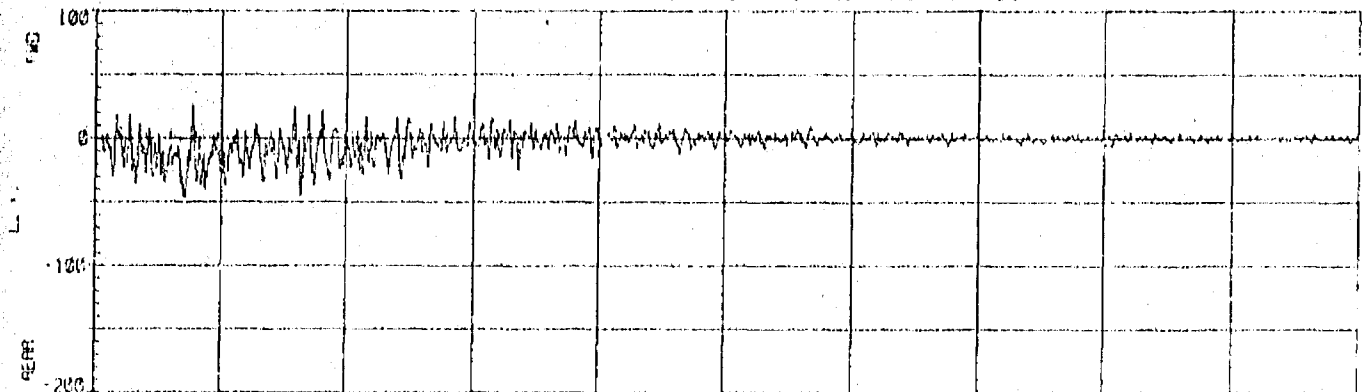
CHASSIS  
AVERAGE ACCELERATION (G)  
SAE J211 FILTER CLASS 600



EA12-005-Chrysler-001176

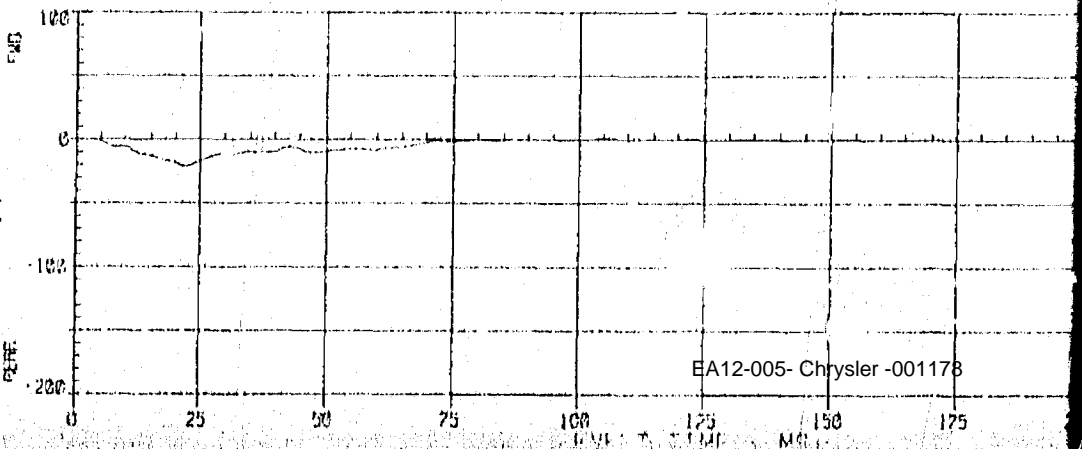
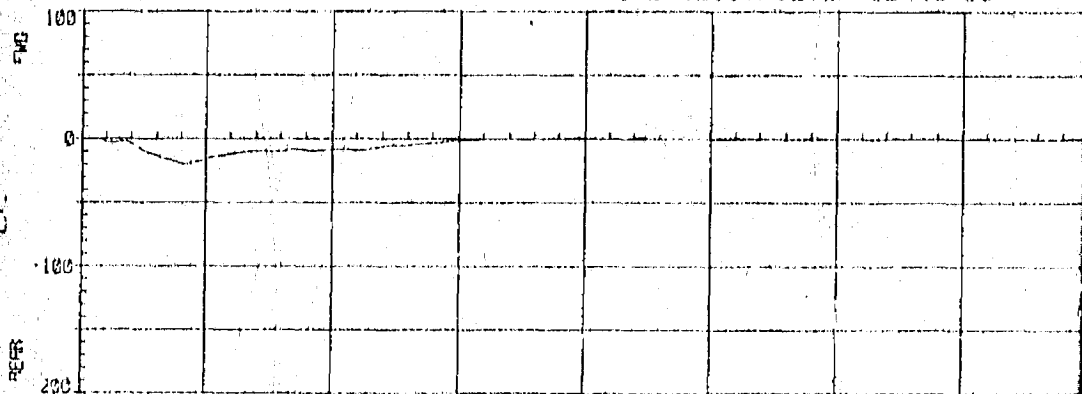
TEST NO. 1458  
TEST DATE 6-18-81  
MODEL 4

MOVABLE BARRIER  
DECELERATION (G)  
SAE J211 FILTER CLASS 600



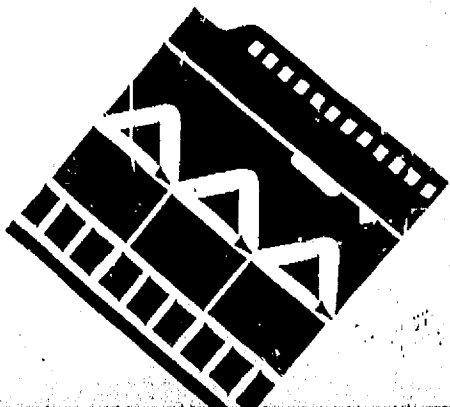
TEST NO. 1458  
TEST DATE 8-18-81  
MODEL 4

MO/ANGLE BARRIER  
DECELERATION (G)  
SAE J211 FILTER CLASS 60



EA12-005- Chrysler -001178

**CORRECTION  
PREVIOUS  
DOCUMENT(S)  
REPHOTOGRAPHED  
TO ASSURE  
LEGIBILITY**

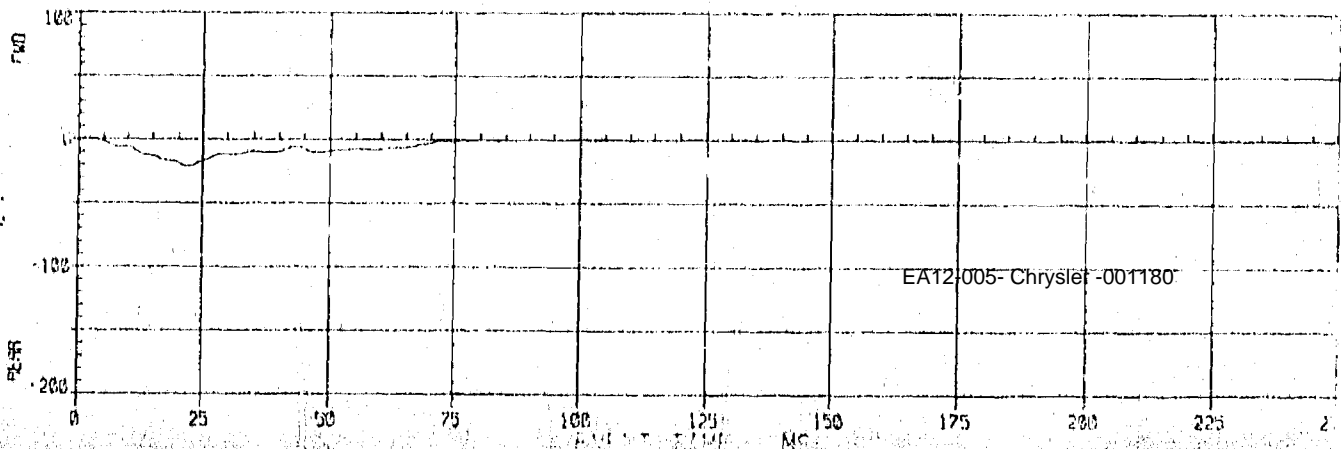
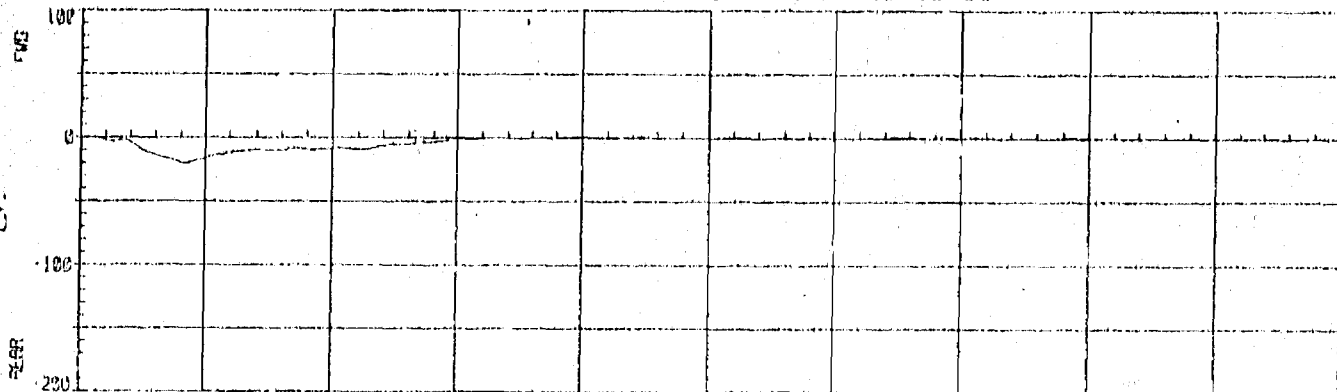


**Image Source Inc**  
1412 Macomber Dr. #119

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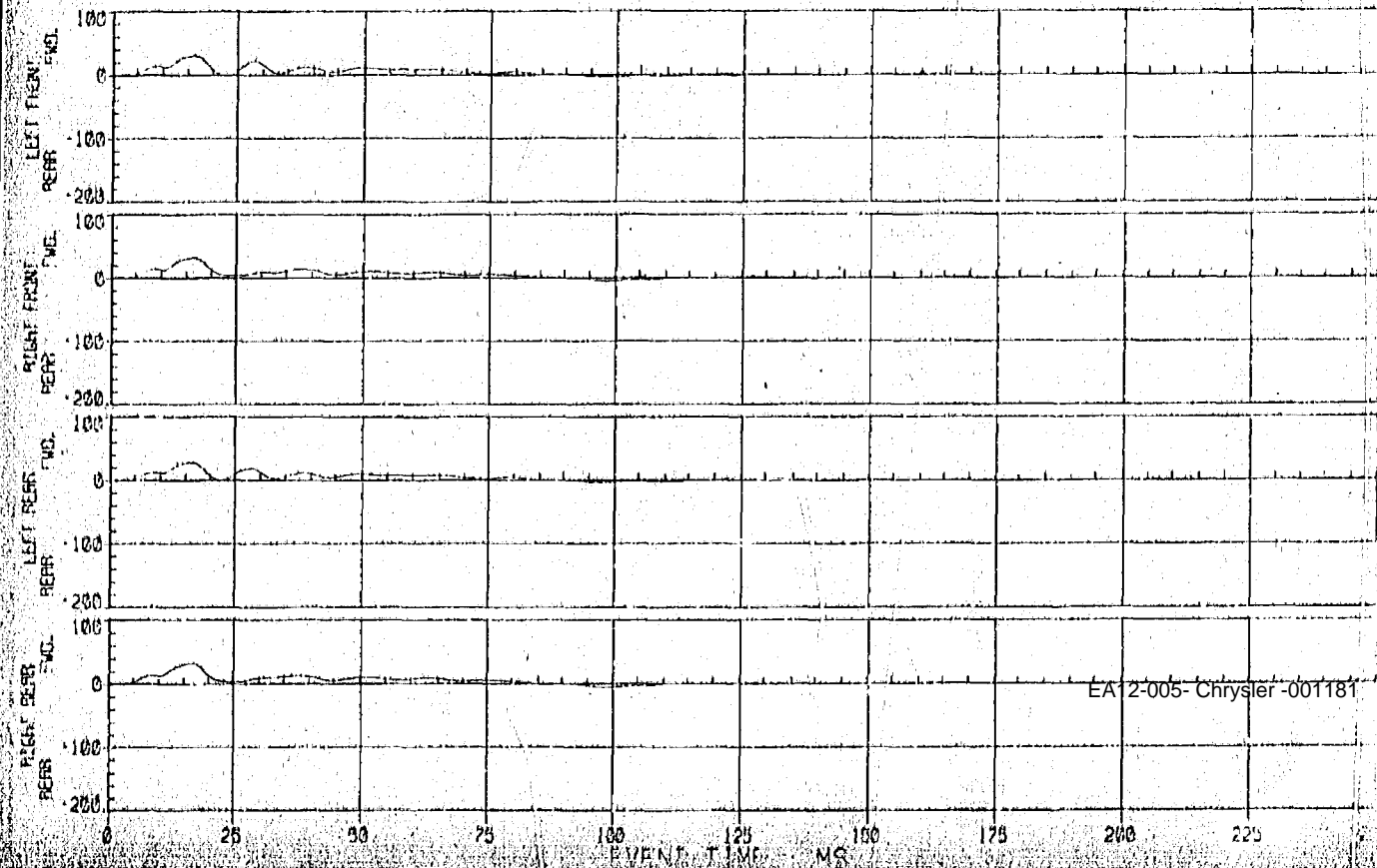
TEST NO. 1458  
TEST DATE 8-18-81  
MODEL 4

MOVABLE BARRIER  
DECELERATION (G)  
SAE J211 FILTER CLASS 60



TEST NO. 1458  
TEST DATE 8-18-81  
MODEL 4

CHASSIS  
COMPONENT ACCELERATION (G)  
SAE J211 FILTER CLASS 60

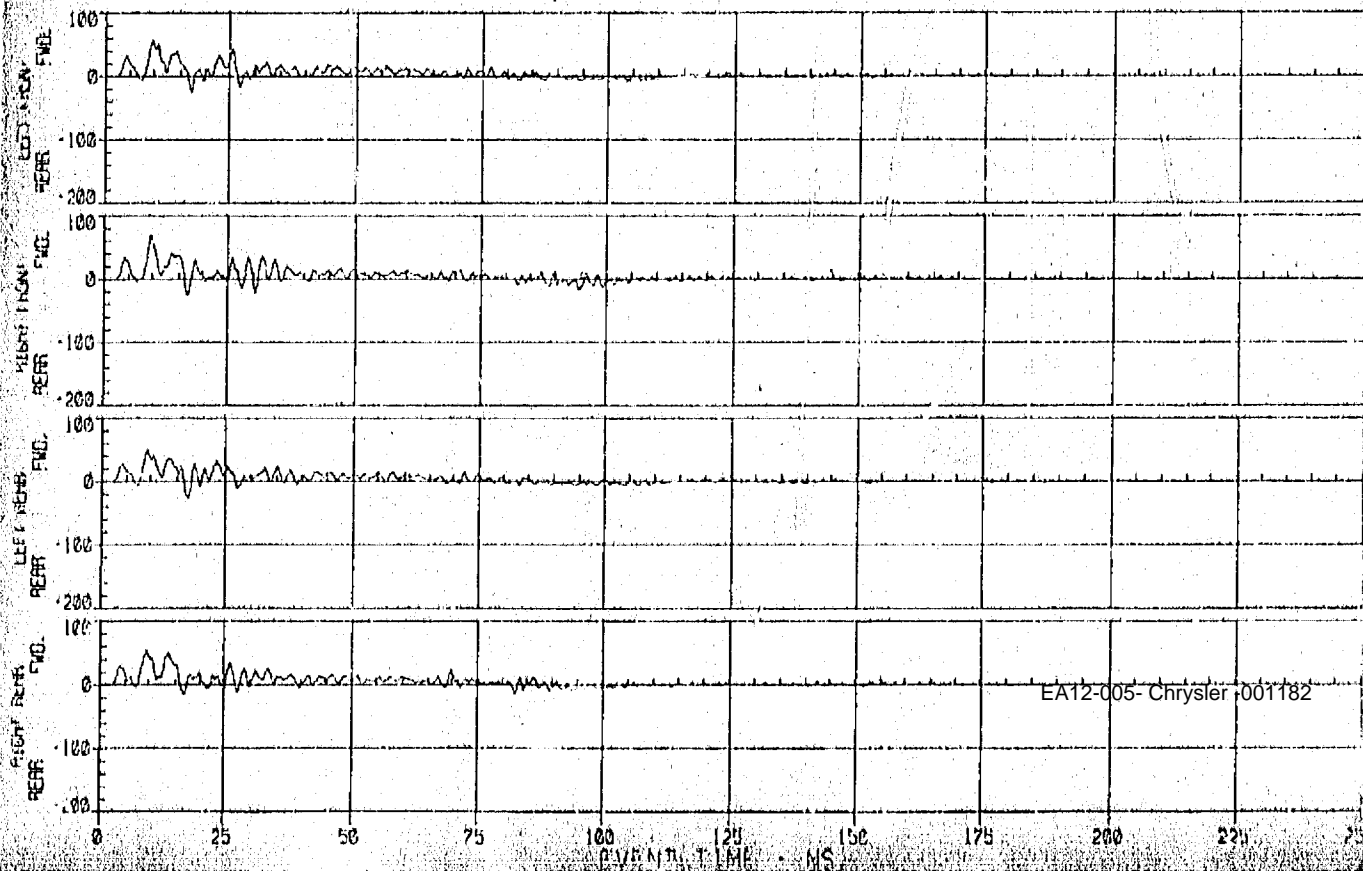


EA 12-005- Chrysler-001181



TEST NO: 1458  
TEST DATE 8-18-81  
MODEL 4

CHASSIS  
COMPONENT ACCELERATION (G)  
SAE J211 FILTER CLASS 600



INSPECTED BY

J. P. MCCABE III

TEST DIRECTOR

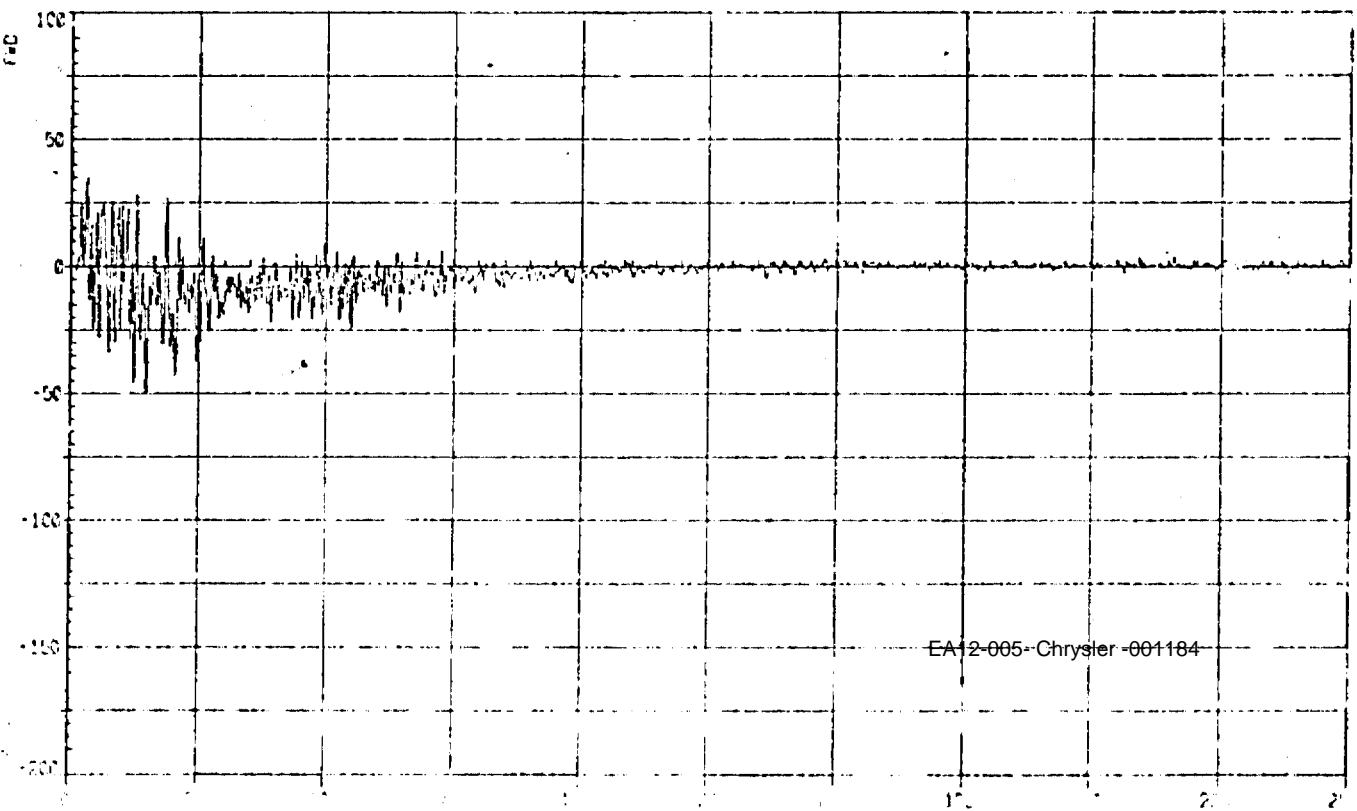
H. K. JUSTICE

EA12-005- Chrysler -001183

EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1522 photos Public

TEST NO. J522  
TEST DATE 4-1-62  
MODEL 6

MOVABLE BARRIERS  
AVERAGE DECELERATION (G)  
SAE J211 FILTER CLASS 600



EA 2-005-Chrysler-001184



Image Source Inc.

801 Front Street  
Toledo, Ohio 43605  
419/687/1111  
Fax: 419/687/1267

IMAGE & INFORMATION MGT.

DECLARATION OF INTENT AND PURPOSE

I Jennifer Heck  
employed by Image Source Inc., do hereby declare  
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The destruction or disposition of the records micro-  
graphed on this microfilm media is only to be accom-  
plished after inspection of the microfilm content, to  
assure completeness of coverage, and that:

It is the policy of this organization to microfilm and  
dispose of original records in accordance with cus-  
tomer authorization or as part of the planned organi-  
zational operation procedure.

Date 4/11/97

Microfilming Operator Jennifer Heck

Location 801 Front St.

EA12-005- Chrysler -001185

AMERICAN MOTOR CORPORATION

SAFETY TEST - SUMMARY SHEET

TYPE OF TEST 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER TEST NO. 522  
 MODEL TESTED JEEP XJ PROTOTYPE ENGINE TYPE V-6 TEST DATE 4-2-82  
 TESTED FOR JEEP PROTOTYPE MODEL XJ YEAR 1983 TEST SPEED 30.0 MPH  
 REQUESTED BY S. F. KRSTOFF TEST WEIGHT 3872 LB.  
 REFERENCE WRITTEN TEST REQUEST DATED 3-17-82.

TEST OBJECTIVE:  
 DEVELOPMENT TEST. SFAM 14046.

VEHICLE DESCRIPTION:

SUMMARY OF RESULTS

SFAM NO.	PASS/FAIL		DATA SUMMARY	DATA REFERENCE
	YES	NO		
-			<u>15.3</u> VEHICLE CRUSH - INCHES	
14174			<u>N/A</u> STG COL. MAX INTRU. - INCHES	
14173			<u>N/A</u> WINDSHIELD - PERCENT RETENTION	
14187			BUMPERS <u>N/A</u>	
14216			WINDSHIELD ZONE INTRUSION <u>N/A</u>	
14046	X		FUEL SYSTEM INTEGRITY _____	

COMMENTS:

NOTE: THIS VEHICLE WAS PREVIOUSLY CRASHED UNDER TEST # 1519.

TEST DIRECTOR H. R. TURTLE REPORTED BY F. G. CHESN  
 TEST COORDINATOR E. L. TURCO DATE 5-14-82

## GENERAL VEHICLE DATA SHEET

TYPE OF TEST 30 MPH REAR IMPACT - MOVABLE BARRIER TEST DATE 4-2-82ACTUAL SPEED 30.0 MPH ACTUAL MODEL TESTED JEEP XJ PROTO. TRANS. FOUR SPEEDENGINE V-6 I.D. NO. SPB-6 PLT. BLT. AMTEK MODEL TESTED FOR 1983SEAT TYPE:  FBFB  FJ3B  INDIV  PICKET  OTHER: ONE LEFT HAND

YEAR: \_\_\_\_\_ SETTING: Midpoint which is \_\_\_\_\_ forward of the rearmost position.

REAR SEAT N/PSTEERING WHEEL:  Std.  Sport  Other SETTING STRAIGHT AHEAD

DESCRIPTION: \_\_\_\_\_

STEERING COLUMN TYPE:  Prod. E.A.  Other DESCRIPTION: \_\_\_\_\_FRONT BUMPER:  Conventional  E.A.  Other DESCRIPTION: PROTOTYPEREAR BUMPER:  Conventional  E.A.  Other DESCRIPTION: PROTOTYPEWEIGHT TO SIMULATE: 1908 LBS. FRONT - 1953 LBS. REAR - 3861 LBS. TOTALWEIGHTS: BALLAST 700.0 LB @ REAR SEAT AREA QUANTITIES \_\_\_\_\_ LBS150.0 LB @ R. FRT. FLOOR FUEL 95.1 LB.100.0 LB @ UNDERHOOD EQUIPMENT 17.0 LB.TEST WEIGHT: FRONT 1940 LBS. REAR 1932 LBS. TOTAL 3872 LB

FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_

(At 1st)

FUEL TANK FILLED TO 95 % ( 14.7 gal.) OF RATED CAPACITY ( 15.5 gal.).

COMMENTS \_\_\_\_\_

SAFETY TEST DIRECTOR H. R. TURTLESAFETY TEST COORDINATOR EA12-005-Chrysler-001187

1981  
FORD  
MOTOR  
CORPORATION  
LAW  
OFFICE

EA12-005- Chrysler -001188



# Pre-Test Modification Sheet

TEST NO. 1522

CAR NO. XJ PROTO SPB-6 TEST TYPE 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER

DATE 3-31-82 MECHANIC \_\_\_\_\_ REQUESTED BY S. E. KRYSOFF

ACTUAL TEST WT. (LBS): FRT. 1940 REAR 1932 TOTAL 3872 DUMMIES USED \_\_\_\_\_

WEIGHTS: BALLAST 700.0 LB. @ REAR SEAT AREA DUMMIES \_\_\_\_\_ LB.

150.0 LB. @ RT. FRT. FLOOR FUEL 95.0 LB.

100.0 LB. @ UNDERHOOD EQUIPMENT 70.0 LB.

FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_

FUEL TANK FILLED TO 95 % (14.7 gal.) OF RATED CAPACITY (15.5 gals.)

PART NUMBER	PART NAME	DESCRIPTION
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EA12-005- Chrysler -001189

TYPE OF TEST: 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER

TEST NO.: 1527

TEST DATE: 4-2-82

TEST SPEED: DESIRED 30.0 MPH.

TIME 3:09 P.M.

TRAP 30.04 MPH

INSTRUMENT CONTINUITY ALL INSTRUMENTATION RAN.

LASER 30.1 MPH

CAMERAS ALL CAMERAS RAN.

SEATS SEAT TRACK ON LEFT FRONT SEAT DID NOT MOVE.

DUMMIES NONE USED.

FUEL SYSTEM

SPARE TIRE AND JACK

SPARE TIRE CAME LOOSE DUE TO THE FAILURE OF THE HOLD DOWN BOLT.

OTHER COMMENTS

EA12-005- Chrysler -001190

INSPECTED BY J. P. MCCARTHY

TEST DIRECTOR H. R. TURTLE

HIGH SPEED MOTION PICTURE ANALYSIS

TEST DATE: April 1, 1982	MODEL: XJ Proto	TEST NO. 1522
TYPE OF TEST: Movable Barrier Perpendicular Rear Impact		
ANALYZED SPEED: 29.6 H.P.H.		

Note: Maximum Crush of test vehicle was 15.3 inches at .184 seconds.

(2nd hit on vehicle --- 1st hit was for test 1519)

ANALYSIS BY: Alex Spiroff

DATE: 12-05-1992 1191

TEST NO. 1522

SFAM 14046

MODEL JEOP XJ PROTOTYPE

TYPE OF TEST 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER

TEST DATE 4-2-82

Fuel spillage in the 5 minute period following cessation of vehicle motion after impact. (Total)

NO SPILLAGE

Fuel spillage during subsequent 25 minute period. (Total)

NO SPILLAGE

During the 25 minute period, did the spillage exceed one ounce by weight at any one minute interval?

NO

YES

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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Checked by: D. E. CRUCIANELLI

This vehicle:  Passed  
 Failed

A.H. Specification SFAM 14046 EA12-005- Chrysler -001192

PRE-CRASH  
 POST CRASH









ROLL OVER TEST REPORT

TYPE OF TEST 30 MPH PERP. REAR IMPACT-MOVABLE BARRIER TEST NO. 1522  
MODEL TESTED XJ ENGINE V-6 TRANS. MANUAL TEST DATE 4-1-82  
TESTED FOR XJ V.I.N. OR I.D. SPB-G PLANT BUILT AUTEX

1 OIL, REMOVED  
 2 COOLANT DRAINED  
 3 ENG. OIL DRAINED  
 4 HOOD REMOVED  
 5 AIR CLEANER ON  
 6 FUEL SYSTEM PURGED  
 7 VENT SYSTEM PURGED  
 8 TANK TO 95% CAP.  
W/STOODARD SOLVENT

COMMENTS

Time duration from barrier impact until start of static rollover test. \_\_\_\_\_  
Time duration to rotate vehicle through 90 degrees: 3 minutes.

 <u>0-90° RT. SIDE DOWN - CLOCKWISE</u>	 <u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u>
①	① NO LEAKS.
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.
 <u>90-180° UPSIDE DOWN</u>	 <u>90-180° UPSIDE DOWN</u>
①	① NO LEAKS.
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.
 <u>180-270° LEFT SIDE DOWN</u>	 <u>180-270° RIGHT SIDE DOWN</u>
①	① NO LEAKS.
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.
 <u>270-0° NORMAL ATTITUDE</u>	 <u>270-0° NORMAL ATTITUDE</u>
	NO LEAKS. EA12-005- Chrysler-001193

KEY:









- ① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

TYPE OF TEST 30 MPH PERP. REAR IMPACT-MOVABLE BARRIER TEST NO. 1522  
XJ PROTOTYPE  
 MODEL TESTED SPB-6 ENGINE V6 DRIVE, MANUAL TEST DATE 4-2-82  
XJ PROTOTYPE  
 TESTED FOR SPB-6 V.I.N. OR I.D. SPB-6 PLANT BUILT AMTEK

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> BAT. REMOVED     | <input checked="" type="checkbox"/> AIR CLEANER ON     |
| <input checked="" type="checkbox"/> COOLANT DRAINED  | <input checked="" type="checkbox"/> FUEL SYSTEM PRIMED |
| <input checked="" type="checkbox"/> ENG. OIL DRAINED | <input checked="" type="checkbox"/> VENT SYSTEM PURGED |
| <input checked="" type="checkbox"/> HOOD REMOVED     | <input checked="" type="checkbox"/> TANK TO 95% CAP.   |
|  | <input checked="" type="checkbox"/> W/STODDARD SOLVENT |

COMMENTS

Time duration from barrier impact until start of static rollover test. 17 HOURS  
 Time duration to rotate vehicle through 90 degrees 3 minutes.

<p> <u>0-90° RT. SIDE DOWN - CLOCKWISE</u></p> <p>①</p>	<p> <u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u></p> <p>① NO LEAKS.</p>
<p>② 1ST MIN. 2ND MIN. 3RD MIN.</p>	<p>② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.</p>
<p> <u>90-180° UPSIDE DOWN</u></p> <p>①</p>	<p> <u>90-180° UPSIDE DOWN</u></p> <p>① NO LEAKS.</p>
<p>② 1ST MIN. 2ND MIN. 3RD MIN.</p>	<p>② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.</p>
<p> <u>180-270° LEFT SIDE DOWN</u></p> <p>①</p>	<p> <u>180-270° RIGHT SIDE DOWN</u></p> <p>① NO LEAKS.</p>
<p>② 1ST MIN. 2ND MIN. 3RD MIN.</p>	<p>② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.</p>
<p> <u>270-0° NORMAL ATTITUDE</u></p>	<p> <u>270-0° NORMAL ATTITUDE</u></p> <p>NO LEAKS.</p>

EA12-005- Chrysler-001194

① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
 ② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

REPORTED BY D. E. CRUCIANELLI

TEST NO. 1522

MISCOMBUSTION TEST FILTER

SAFETY TESTING - INSTRUMENTATION DEPARTMENT

MODEL JEEP YJ PROTOTYPE

TEST DATE 4-1-82

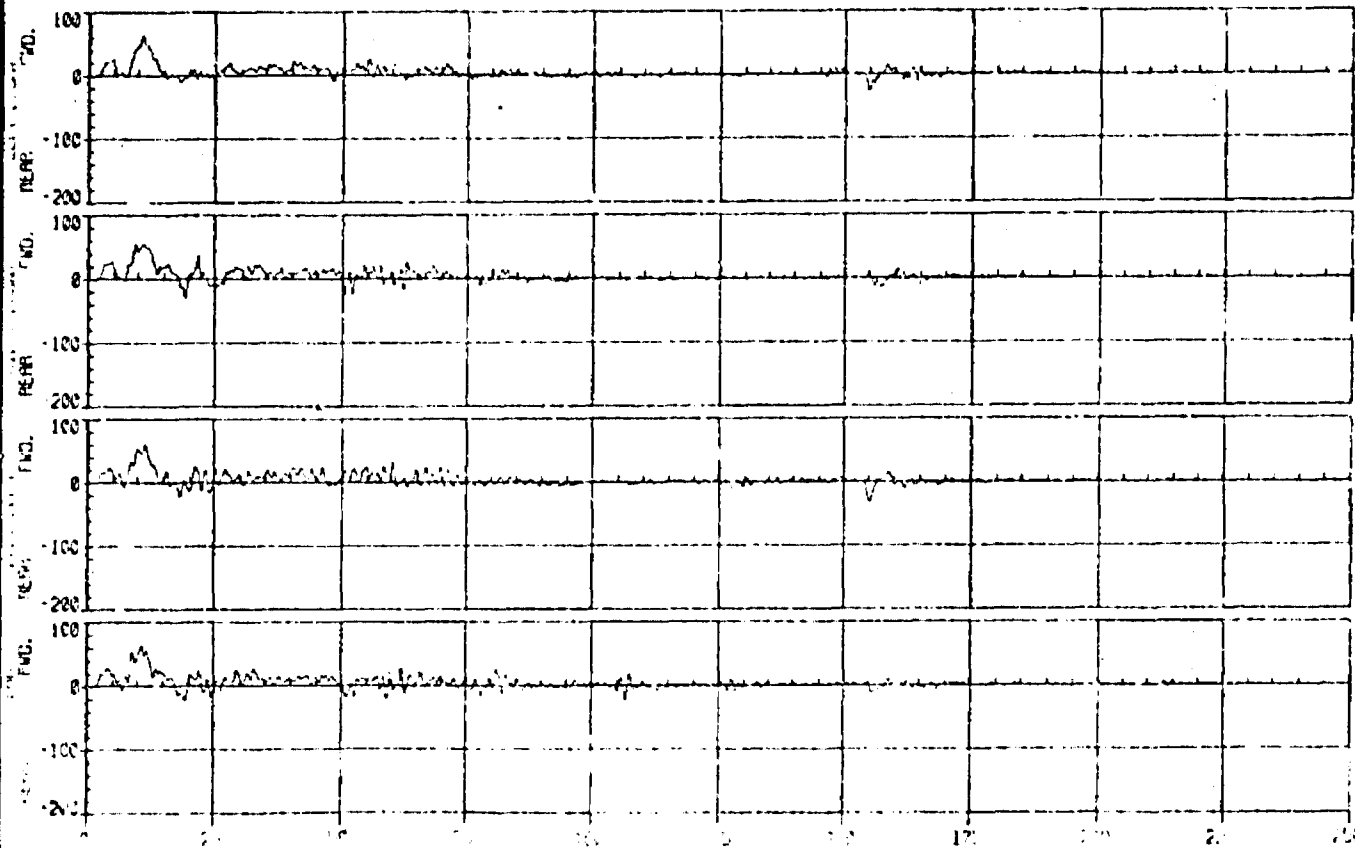
TESTED BY: H. HYATT - P. KOPITZKE

APPROVED BY Thomas R. Hayes DATE 5-10-82

100  
0  
-100  
-200  
100  
0  
-100  
-200  
100  
0  
-100  
-200  
100  
0  
-100  
-200

TEST NO. 1522  
TEST DATE 4-1-82  
MODEL 6

CHASSIS  
COMPONENT ACCELERATION (G)  
SAE J211 FILTER CLASS 600





TEST NO. 1522

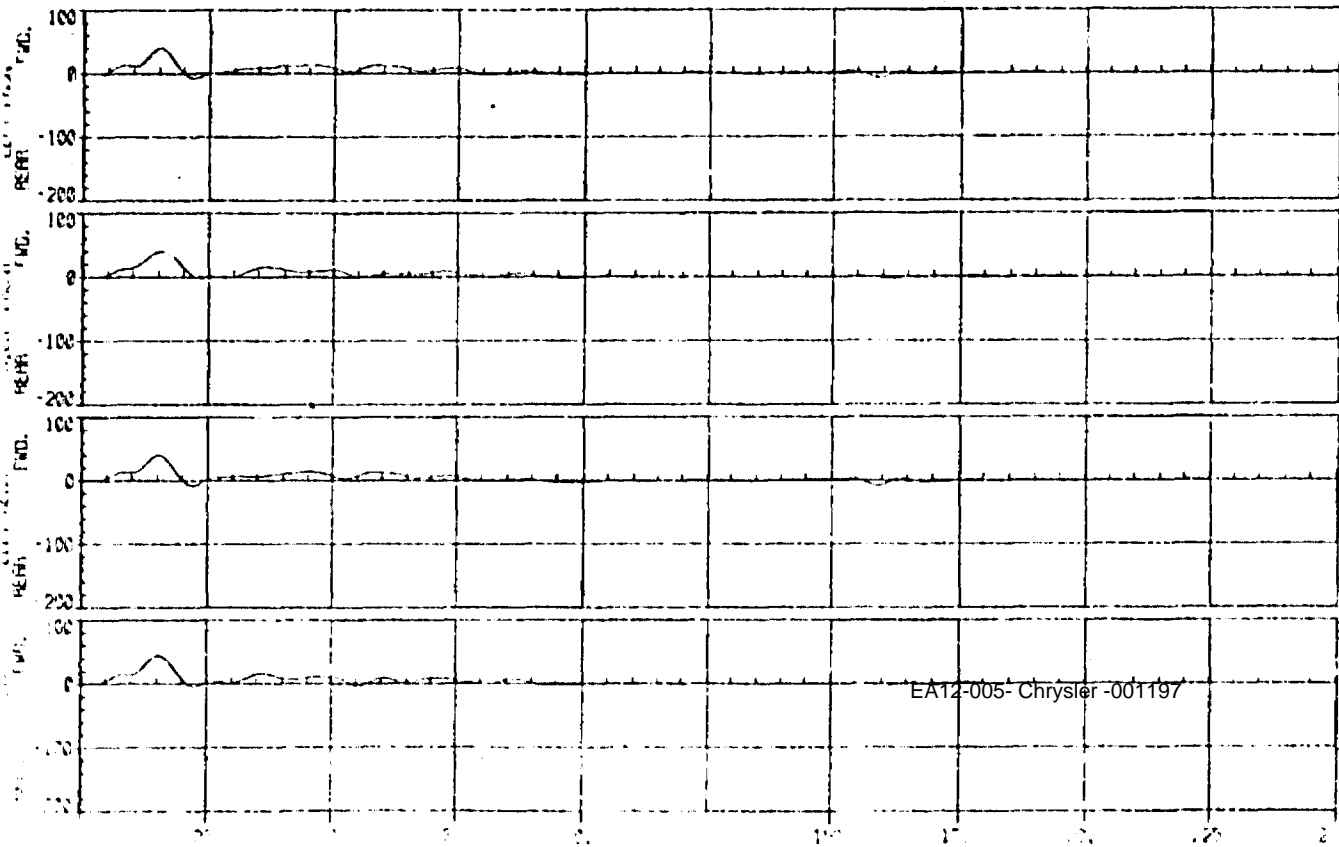
TEST DATE 4-1-62

MODEL 6

CLASS 15

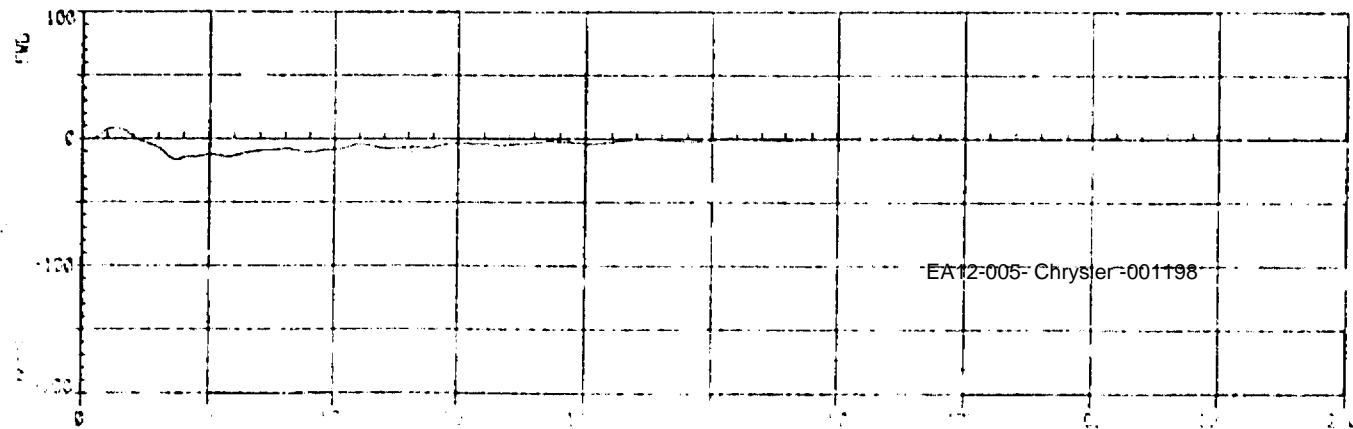
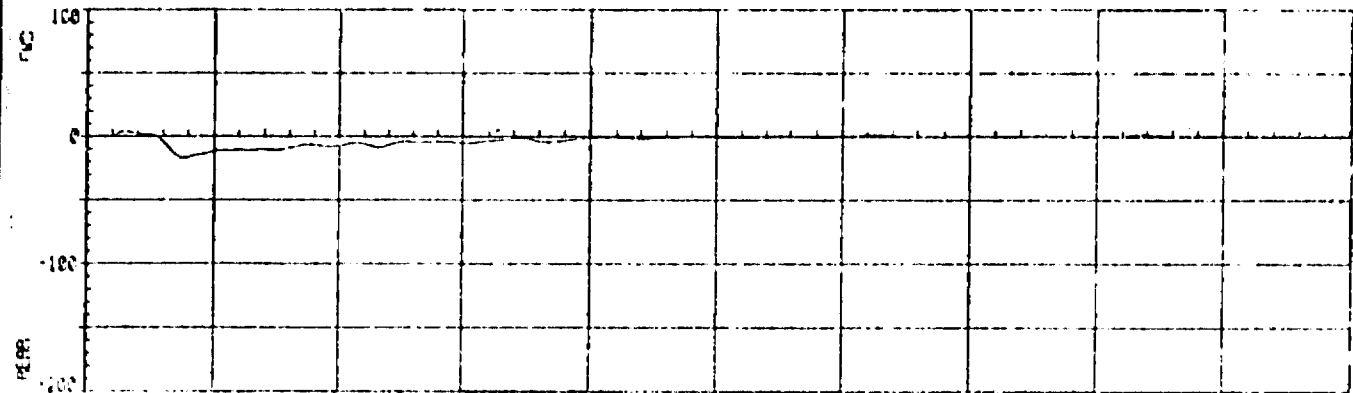
COMPONENT ACCELERATION (G)

SAE J211 FILTER CLASS 60



TEST NO 1522  
TEST DATE 4-1-82  
MODEL 6

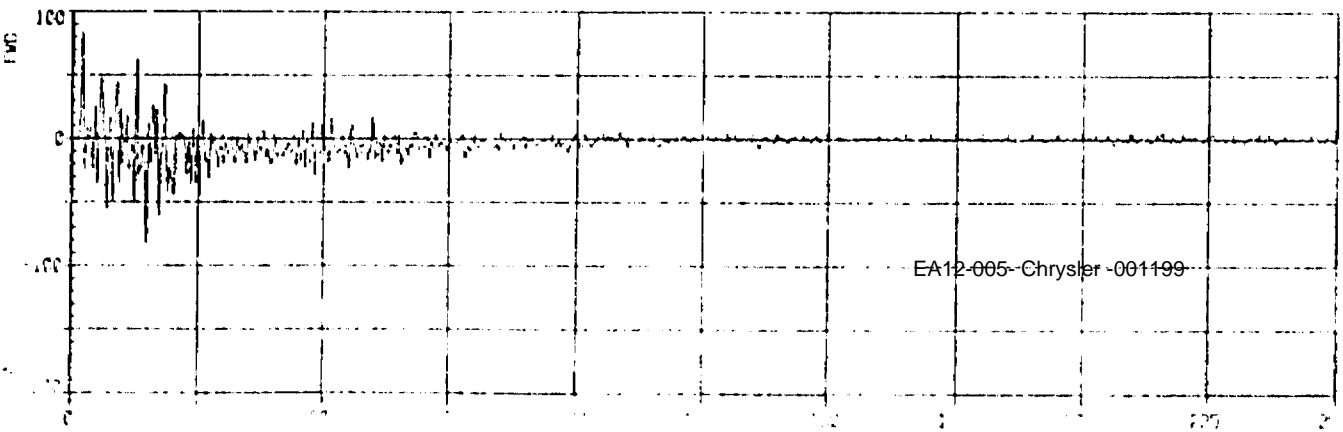
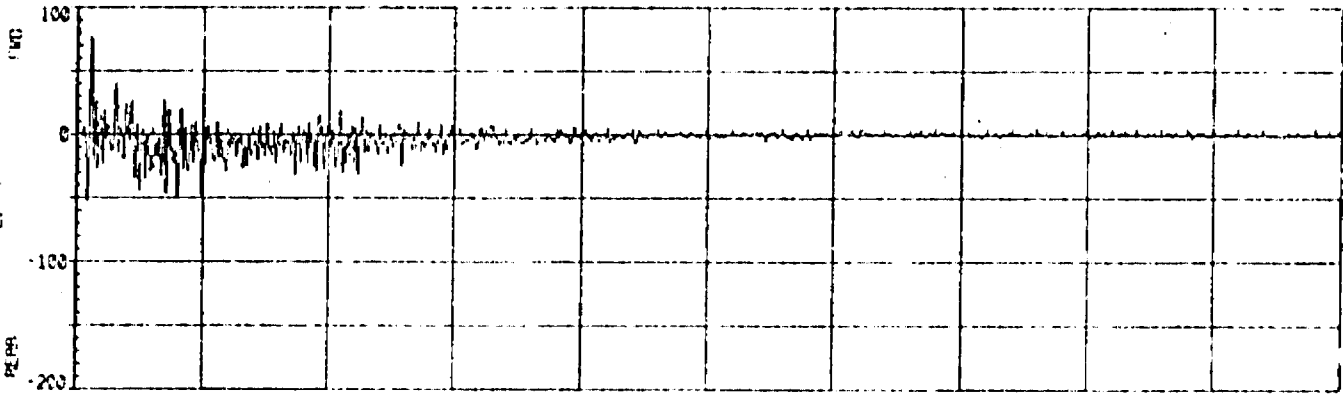
MOVABLE BARRIER  
ACCELERATION (G)  
SAE J211 FILTER CLASS 60



EA12-005-Chrysler-001198

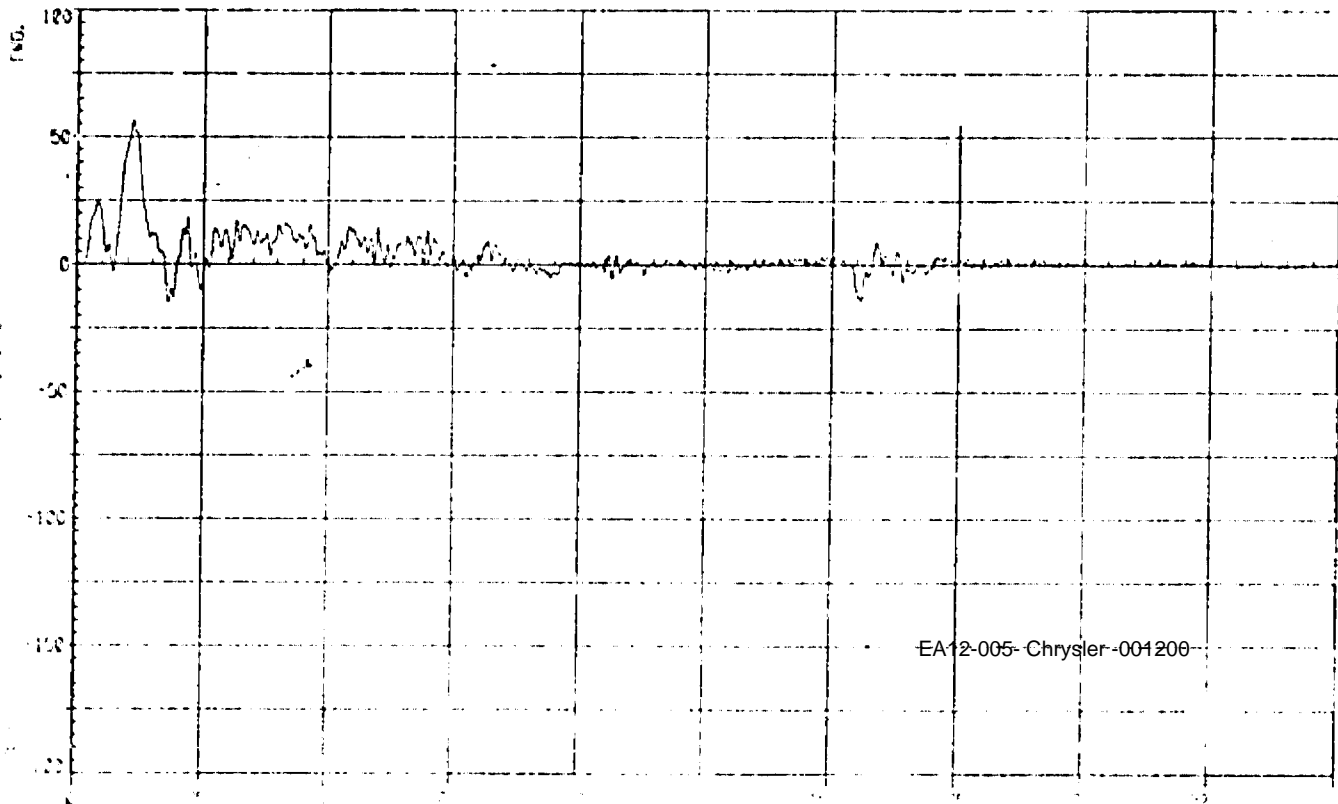
TEST NO. 1521  
TEST DATE: 4-1-82  
MODEL 6

MO/AD/ED BAP/149  
DECELERATION (G)  
SAE J211 FILTER CLASS 600



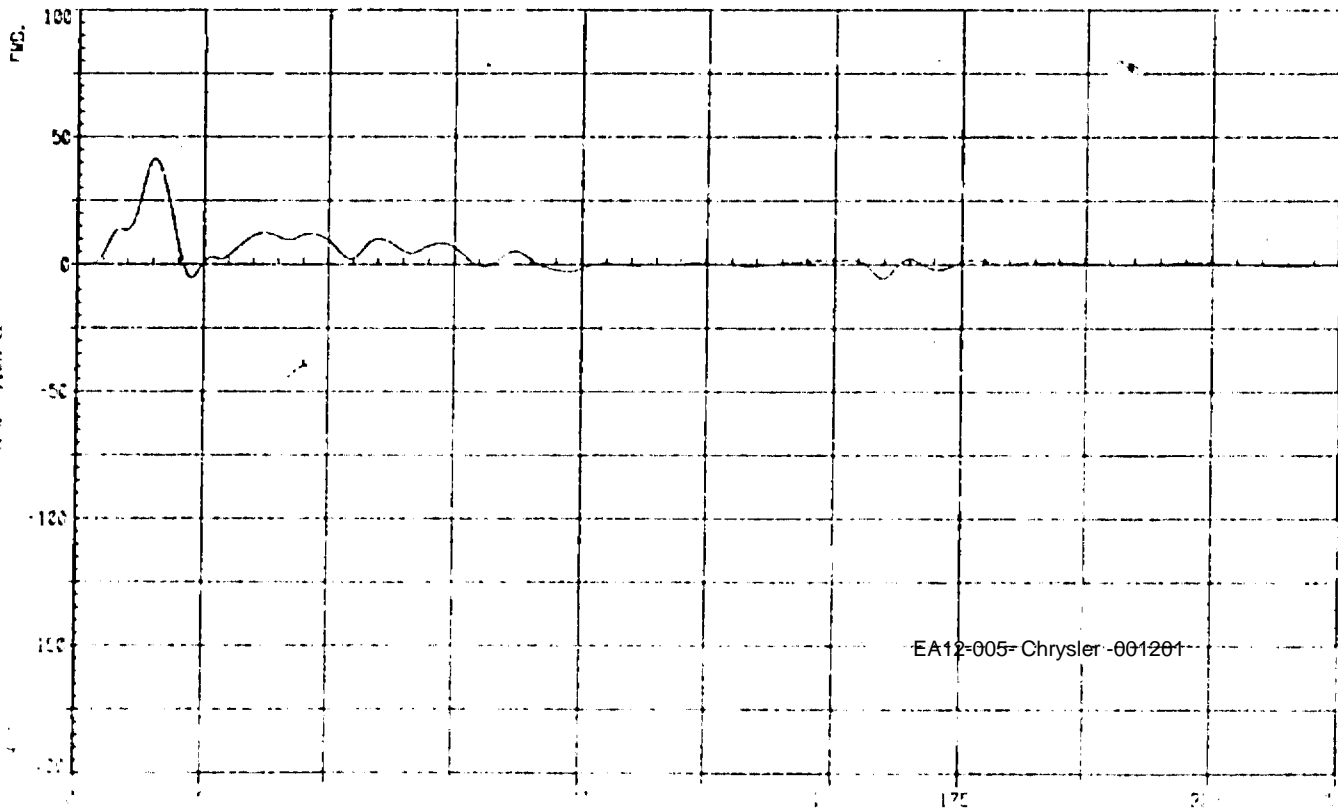
TEST NO 1522  
TEST DATE 4-1-82  
MODEL 6

CHASSIS  
AVERAGE ACCELERATION (G)  
SAE J211 FILTER CLASS 600



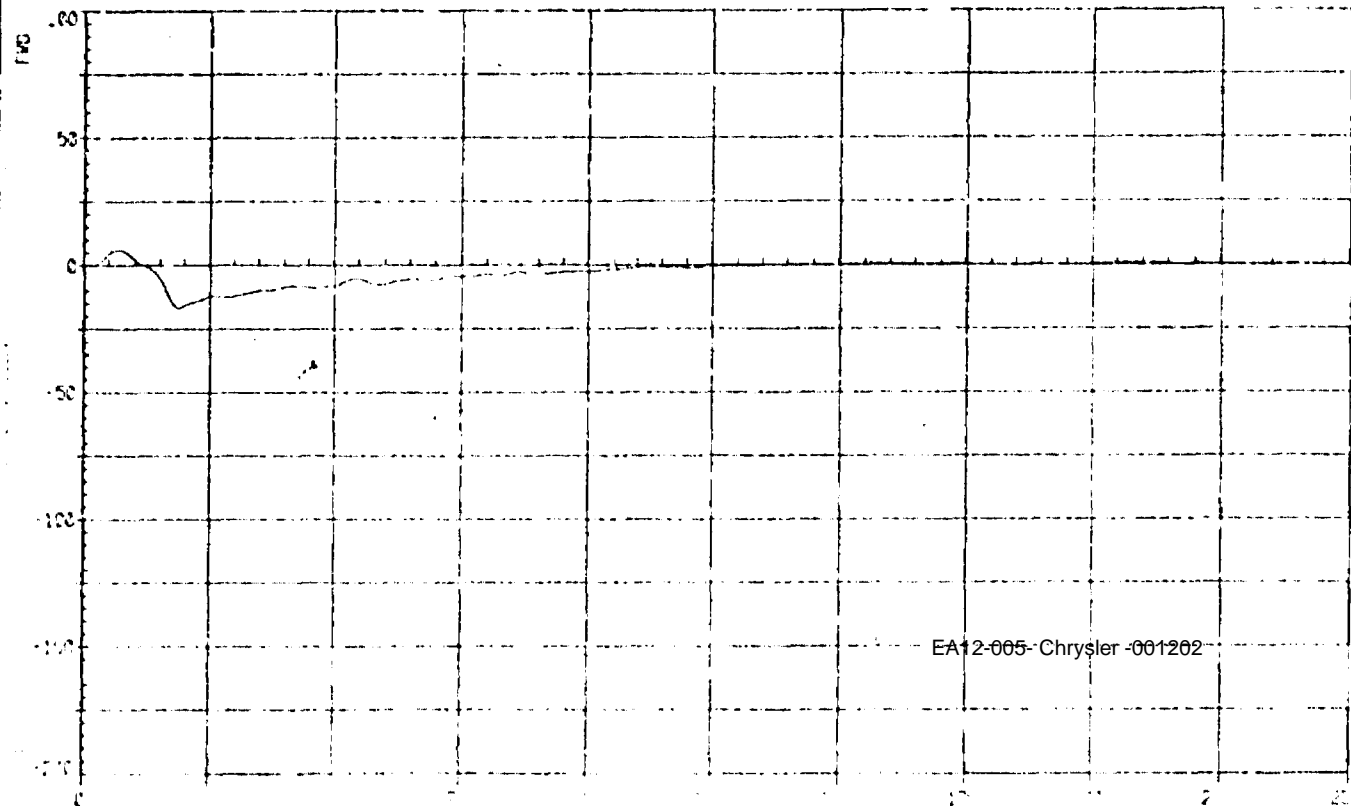
TEST NO 1522  
TEST DATE 4-1-82  
MODEL 6

SAE J211  
AVERAGE ACCELERATION (G)  
SAE J211 FILTER CLASS 60



TEST NO. 1522  
TEST DATE 4-1-62  
MODEL 6

MOVING BARRIER  
AVERAGE DECELERATION (G)  
SAE J221 FILTER CLASS 60



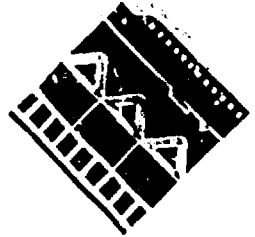
EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1522

Image Source Inc.

101 Front Street

Toledo, Ohio 43605

419/687-1111



DECLARATION OF INTENT AND PURPOSE

I Thomas J. Carder, employed by The Image Source, Inc. do hereby declare that the records micro-filmed herein are actual records of the:

Chrysler Corp. AMC Vehicle Control tests created during its normal course of business and that:

It is the express intent and purpose of this organization to destroy or otherwise dispose of the original records microphotographed herein, and that:

The destruction or disposition of the records microphotographed on this reel is only to be accomplished after inspection of the microfilm to assure completeness of coverage, and that:

It is the policy of this organization to microfilm and dispose of original records in accordance with customer authorization or as part of the planned organizational operation procedure.

Date 4 6 1985  
Month Day

Thomas J. Carder  
Signature

Place Toledo Ohio  
City State

Case # EA12-005 Chrysler #001220  
Title

801 Front  
Location







1522

1519

1519

1522

1522

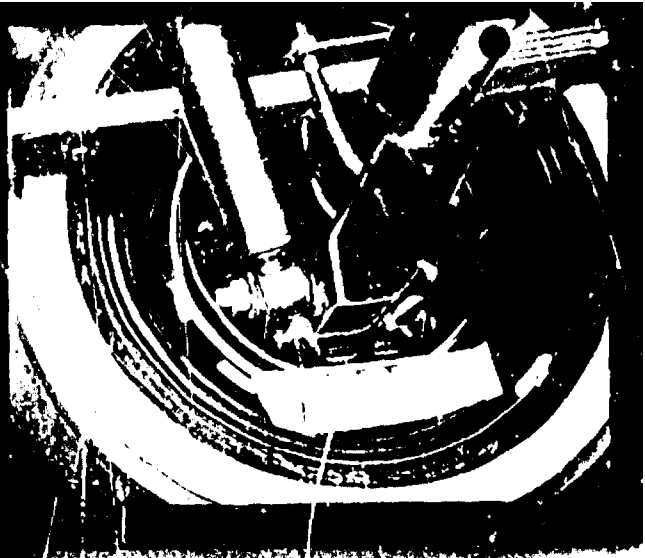
ryslor -004222

1522

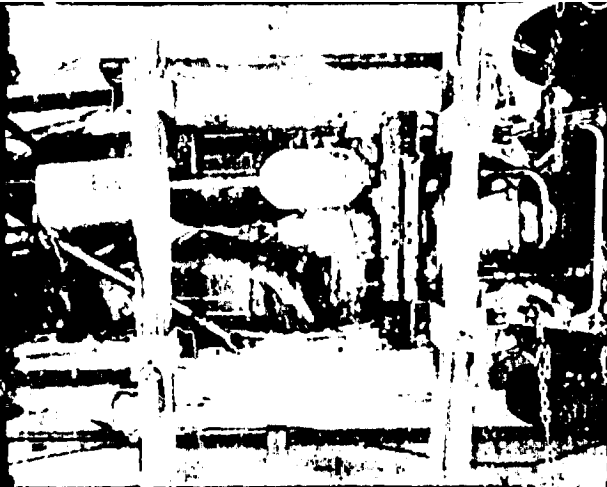


EA12-005 Chrysler-004223

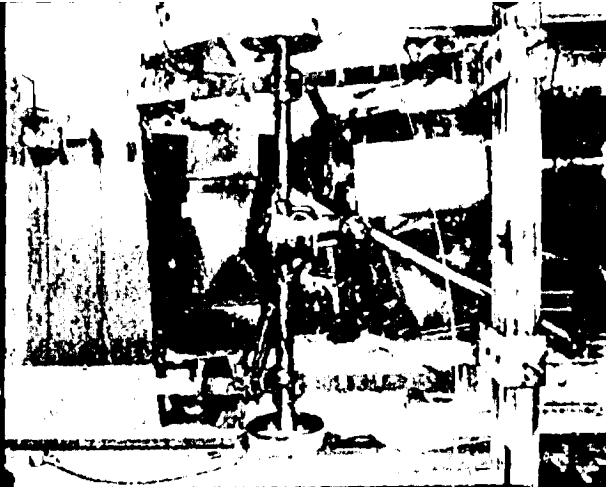




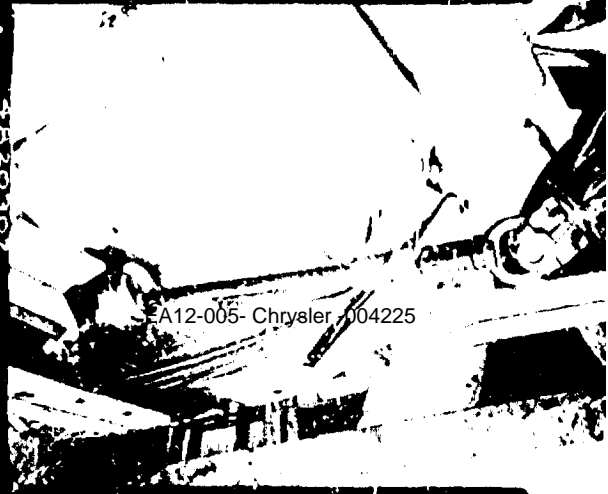
EA12-005- Chrysler -004224



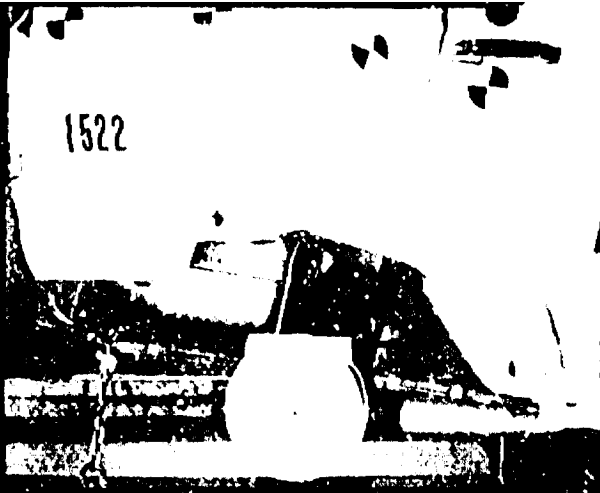
452084



452090



A12-005- Chrysler 004225



EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1533 photos Public



Image Source Inc.

801 Front Street  
Toledo, Ohio 43005  
419/897/1111  
FAX: 419/897/1287

IMAGE & INFORMATION MGT.

DECLARATION OF INTENT AND PURPOSE

I, Jerry Gene Heck,  
employed by Image Source Inc., do hereby declare  
that the records microfilmed herein are actual records  
of Chrysler Corp.  
created during its normal course of business and that:

It is the express intent and purpose of this  
organization to destroy or otherwise dispose of the  
original records microphotographed herein, and that:

The destruction or disposition of the records micro-  
graphed on this microfilm media is only to be accom-  
plished after inspection of the microfilm content, to  
assure completeness of coverage, and that:

It is the policy of this organization to microfilm and  
dispose of original records in accordance with cus-  
tomer authorization or as part of the planned organi-  
zational operation procedure.

Date 4/14/97  
Microfilming Operator Jerry Gene Heck  
Location 801 Front St. EA12-005- Chrysler -001203



SAFETY TEST - SUMMARY SHEET

TYPE OF TEST: 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER TEST NO. 1633  
 MODEL TESTED XJ PROTOTYPE ENGINE TYPE V - 6 TEST DATE 6-7-82  
 TESTED FOR XJ MODEL WAGON YEAR 1983 TEST SPEED 29.79  
 REQUESTED BY S. F. KRSTOFF TEST WEIGHT 4163 LBS.  
 REFERENCE WRITTEN TEST REQUEST DATED 5-19-82

TEST OBJECTIVE:

DEVELOPMENT TEST, SFAM 14046

VEHICLE DESCRIPTION:

SUMMARY OF RESULTS

SFAM NO.	PASSED		DATA SUMMARY	DATA REFERENCE
	YES	NO		
-			<u>21.7</u> VEHICLE CRUSH - INCHES	
14171			<u>N/A</u> STB COL MAX INTRU. - INCHES	
14173			<u>N/A</u> WINDSHIELD - PERCENT RETENTION	
14187			DUMPERS <u>N/A</u>	
14216			WINDSHIELD ZONE INTRUSION <u>N/A</u>	
14046	X		FUEL SYSTEM INTEGRITY (SEE COMMENTS)	

COMMENTS:

THIS VEHICLE WAS PREVIOUSLY CRASHED UNDER TEST # 1532.

THIS VEHICLE SPEED WAS BELOW THE RECOMMENDED TEST SPEED 1204

TEST DIRECTOR H. R. TURTLE REPORTED BY F. G. CHESER

TEST CO-ORDINATOR B. L. TURCO DATE 7-9-82

GENERAL VEHICLE DATA SHEETTYPE OF TEST 30 MPH PERP. REAR IMPACT- MOVABLE BARRIER TEST DATE 6-7-82ACTUAL SPEED 29.79 MPH ACTUAL MODEL TESTED XJ PROTOTYPE TRANS. FOUR SPEEDENGINE V-6 I.D. NO. SPF-11 PLT. BLY. AMTEK MODEL TESTED FOR 1983SEAT TYPE:  FBFB  FUSB  INOIV  BUCKET  OTHER: \_\_\_\_\_YEAR: \_\_\_\_\_ SETTING: Nidpoint which is \_\_\_\_\_, forward of the rearmost position.REAR SEAT N/ASTEERING WHEEL:  Std.  Sport  Other SETTING STRAIGHT AHEAD

DESCRIPTION: \_\_\_\_\_

STEERING COLUMN TYPE:  Prod. E.A.  Other DESCRIPTION: \_\_\_\_\_FRONT BUMPER:  Conventional  E.A.  Other DESCRIPTION: \_\_\_\_\_REAR BUMPER:  Conventional  E.A.  Other DESCRIPTION: PROTOTYPEWEIGHT TO SIMULATE: 2076 LBS. FRONT, 2089 LBS. REAR, 4166 LBS. TOTALWEIGHTS: BALLAST 450.0 LB @ UNDER HOOD DUMMIES \_\_\_\_\_ LB850.0 LB @ REAR SEAT FUEL 80.0 LB.300.0 LB @ TOE BOARD EQUIPMENT 25.0 LB.TEST WEIGHT: FRONT 2127 LBS. REAR 2036 LBS. TOTAL 4163 LB

FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_

(At Axle)

FUEL TANK FILLED TO 95 % (12.8 gal.) OF RATED CAPACITY (13.6 gal.).COMMENTS VEHICLE HAS A CLASS 1 TRAILER HITCH.THIS VEHICLE HAS BEEN PREVIOUSLY CRASHED UNDER TEST # 1532.SAFETY TEST DIRECTOR H. R. TURTLE

SAFETY TEST COORDINATOR \_\_\_\_\_ DATE \_\_\_\_\_

# Pre-Test Modification Sheet

TEST NO. 1633

CAR NO. SPB-11 TEST TYPE 30 MPH PESP. REAR IMPACT - MOVABLE BARRIER

DATE 6/7-82 MECHANIC \_\_\_\_\_ REQUESTED BY S. F. KRSTOFF

ACTUAL TEST WT. (LBS.): FRT. 2127 REAR 2036 TOTAL 4163 DUMMIES USED NONE

WEIGHTS: BALLAST 450.0 LB. @ UNDER HOOD DUMMIES \_\_\_\_\_ LB.

850.0 LB. @ REAR SEAT FUEL 80.0 LB.

300.0 LB. @ TOE BOARD EQUIPMENT 25.0 LB.

FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ I.R. \_\_\_\_\_ R.R. \_\_\_\_\_

FUEL TANK FILLED TO 95 % (12.8 gal.) OF RATED CAPACITY (13.5 gal.)

PART NUMBER	PART NAME	DESCRIPTION
		<div style="border: 1px solid black; width: 100px; height: 100px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <span style="font-size: 2em; color: yellow;">[</span> </div>

EA12-005- Chrysler -001206

TYPE OF TEST: 30 MPH PERP. REAR IMPACT- MOVABLE BARRIER TEST NO.: 1833

TEST DATE: 6-7-82

TEST SPEED: DESIRED 30.0 ± 0.2 MPH. TIME 2:19 P.M. TRAP 29.79 MPH

INSTRUMENT CONTINUITY ALL INSTRUMENTATION RAN. LASEP 29.79 MPH

CAMERAS ALL CAMERAS RAN.

SEATS N/A

DUMMIES NONE USED.

FUEL SYSTEM

SPARE TIRE AND JACK SPARE TIRE REMAINED IN PLACE. JACK NOT USED.

OTHER COMMENTS

EAT2-005-Chrysler-001207

INSPECTED BY J. P. MCCARTHY TEST DIRECTOR H. R. TURTLE

HIGH SPEED MOTION PICTURE ANALYSIS

TEST DATE: June 7, 1982      MODEL: XJ Proto      TEST NO. 1533 - 2

TYPE OF TEST: Movable Barrier Perpendicular Rear Impact

ANALYZED SPEED: 29.7 M.P.H.

Note: Maximum Crush of test vehicle was 21.7 inches at .081 seconds.

Test vehicle was prior hit --- used in Test 1531 Fixed Barrier.

EA12-005- Chrysler -001208

ANALYSIS BY: Alex Sptroff *AS*

DATE: June 10, 1982

SFAM - 14046

TEST NO. 1533

MODEL XJ

TEST TYPE 30 MPH PERP. REAR IMPACT-MOVABLE BARRIER TEST DATE 6-7-82

Fuel spillage in the 6 minute period following cessation of vehicle motion after impact. (Total) NO SPILLAGE

Fuel spillage during subsequent 25 minute period, (Total) NO SPILLAGE

During the 25 minute period, did the spillage exceed one ounce by weight at any one minute? Yes  No

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Checked by: J. P. McCARTHY

Did this vehicle meet or exceed performance criteria of A.H. Spic. 14046? Yes  No

PRE-CRASH  
 POST-CRASH









# ROLL OVER TEST REPORT

TYPE OF TEST 30 MPH PERP. REAR IMPACT-MOVABLE BARRIER TEST NO. 1533  
MODEL TESTED XJ ENGINE V-6 TRANS. FOUR SPEED TEST DATE 8-9-82  
TESTED FOR V.I.N. OR I.O. SPB-11 PLANT CHRY AMTEK

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> BATTERY REMOVED  | <input checked="" type="checkbox"/> AIR CLEANER OR                         |
| <input checked="" type="checkbox"/> COOLANT DRAINED  | <input checked="" type="checkbox"/> FUEL SYSTEM DRAINED                    |
| <input checked="" type="checkbox"/> ENG. OIL DRAINED | <input checked="" type="checkbox"/> VENT SYSTEM PURGED                     |
| <input checked="" type="checkbox"/> HOOD REMOVED     | <input checked="" type="checkbox"/> TANK TO 95% CAP.<br>W/STANDARD SOLVENT |

### COMMENTS

Time duration from barrier impact until start of static rollover test, \_\_\_\_\_  
Time duration to rotate vehicle through 90 degrees; 3 minutes.

 <u>0-90° RT. SIDE DOWN - CLOCKWISE</u>	 <u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u>
①	① NO LEAKS.
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.
 <u>90-180° UPSIDE DOWN</u>	 <u>90-180° UPSIDE DOWN</u>
①	① NO LEAKS.
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.
 <u>180-270° LEFT SIDE DOWN</u>	 <u>180-270° RIGHT SIDE DOWN</u>
①	① NO LEAKS.
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.
 <u>270-0° NORMAL ATTITUDE</u>	 <u>270-0° NORMAL ATTITUDE</u> NO LEAKS.

EA12-005- Chrysler -001210

KEY

- ① LEAKAGE FIRST 3 MINUTES (INCLUDING ROTATE)
- ② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY HEIGHT AT EACH ONE MINUTE INTERVAL.

REPORTED BY V. P. MCCARTHY

PRE-CRASH  
 POST CRASH









ROLL OVER TEST REPORT

TYPE OF TEST 30 MPH PERP. REAR IMPACT-MOVABLE BARRIER TEST NO. 1033  
 MODEL TESTED XJ ENGINE V-6 TRANS. FOUR SPEED TEST DATE 6-8-82  
 TESTED FOR XJ V.I.N. OR I.D. SPB-11 PLANT BUILT AMTEK

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> BAT. REMOVED     | <input checked="" type="checkbox"/> AIR CLEANER OR     |
| <input checked="" type="checkbox"/> COOLANT DRAINED  | <input checked="" type="checkbox"/> FUEL SYSTEM PURGED |
| <input checked="" type="checkbox"/> ENG. OIL DRAINED | <input checked="" type="checkbox"/> VENT SYSTEM PURGED |
| <input checked="" type="checkbox"/> HOOD REMOVED     | <input checked="" type="checkbox"/> TANK TO 95% CAP.   |
|  | <input checked="" type="checkbox"/> W/STANDARD SOLVENT |

COMMENTS

Time duration from barrier impact until start of static rollover test. 18.0 HOURS  
 Time duration to rotate vehicle through 90 degrees: 3 minutes.

 <u>0-90° RT. SIDE DOWN - CLOCKWISE</u> ①	 <u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u> ① NO LEAKS.
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.
 <u>90-180° UPSIDE DOWN</u> ①	 <u>90-180° UPSIDE DOWN</u> ① NO LEAKS.
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.
 <u>180-270° LEFT SIDE DOWN</u> ①	 <u>180-270° RIGHT SIDE DOWN</u> ① NO LEAKS.
② 1ST MIN. ② 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS. ② 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.
 <u>270-0° NORMAL ATTITUDE</u>	 <u>270-0° NORMAL ATTITUDE</u> NO LEAKS. EA12-005- Chrysler -001211

KEY:

- ① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
 ② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.



TEST NO. 1533

WISCONSIN TEST CENTER  
SAFETY TESTING - REGISTRATION DEPARTMENT

MODEL XJ

TEST DATE 6-7-82

TESTED BY: H. HYATT

P. KOPITZKE

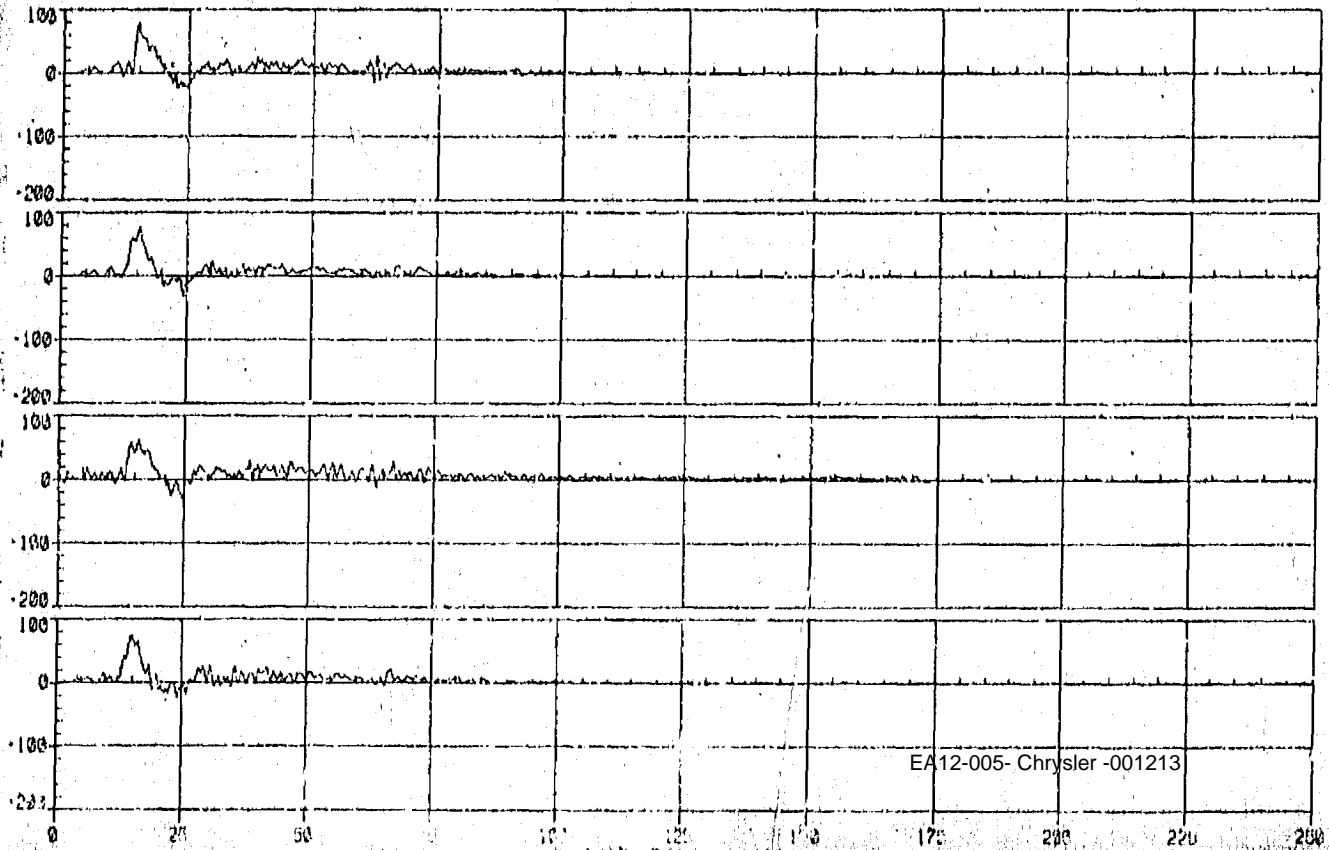
APPROVED BY

Thomas R. Hayes

DATE 6-28-82

TEST NO. 1533  
TEST DATE 6-7-82  
CHANNELS 00

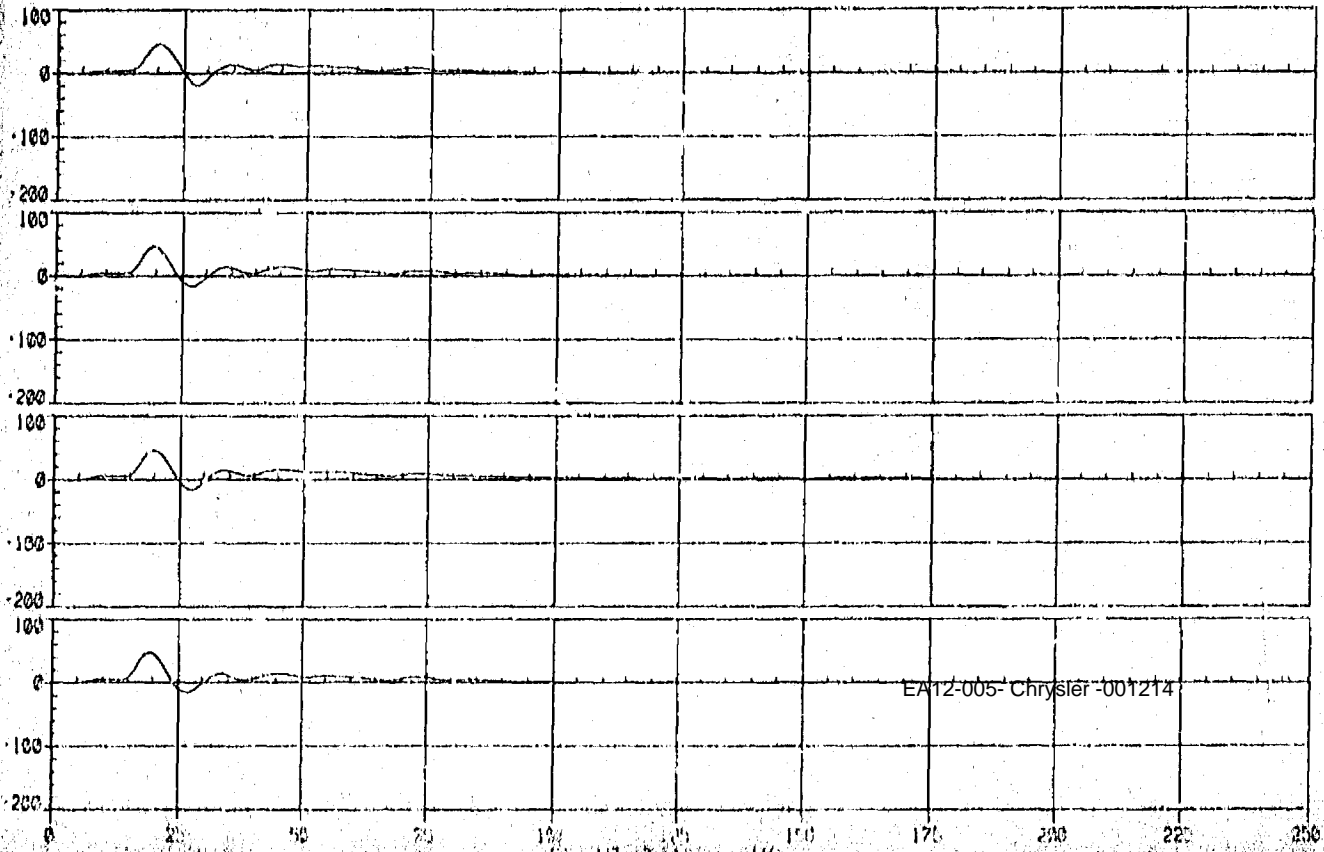
CHASSIS  
COMPONENT ACCELERATION (G)  
SAE J211 FILTER CLASS 600



EA12-005- Chrysler -001213

TEST NO. 1533  
TEST DATE 6-7-82  
CHANNELS 00

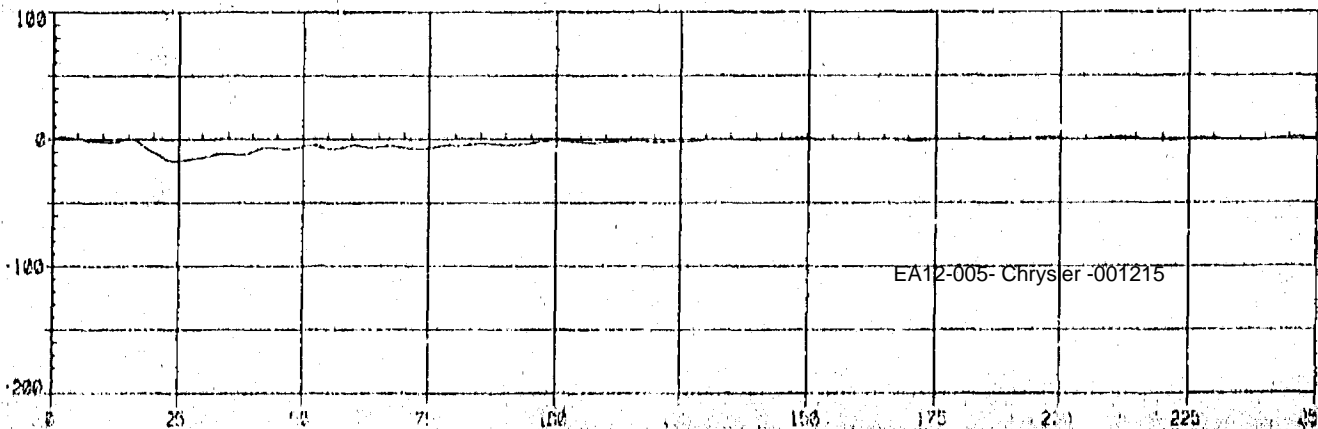
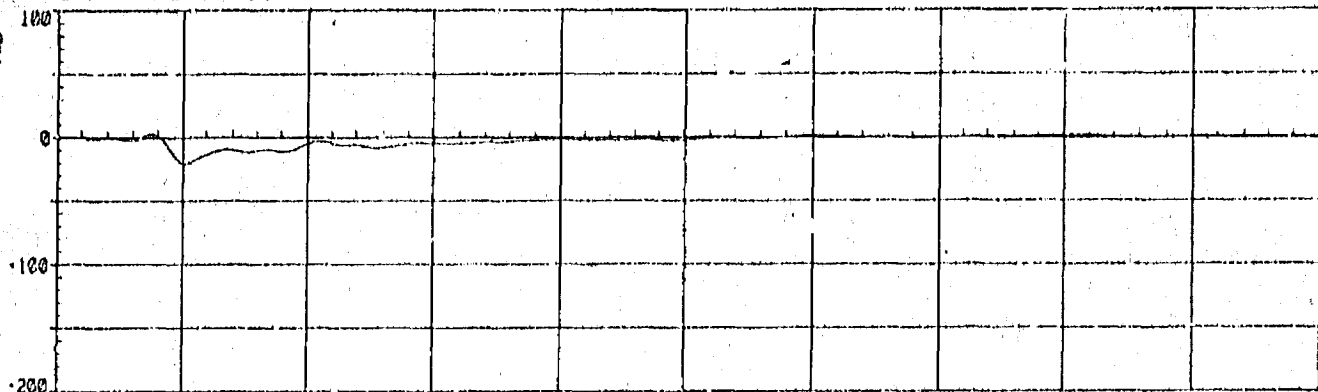
CHASSIS  
COMPONENT ACCELERATION (G)  
SAE J211 FILTER CLASS 60



EA12-005-Chrysler-001214

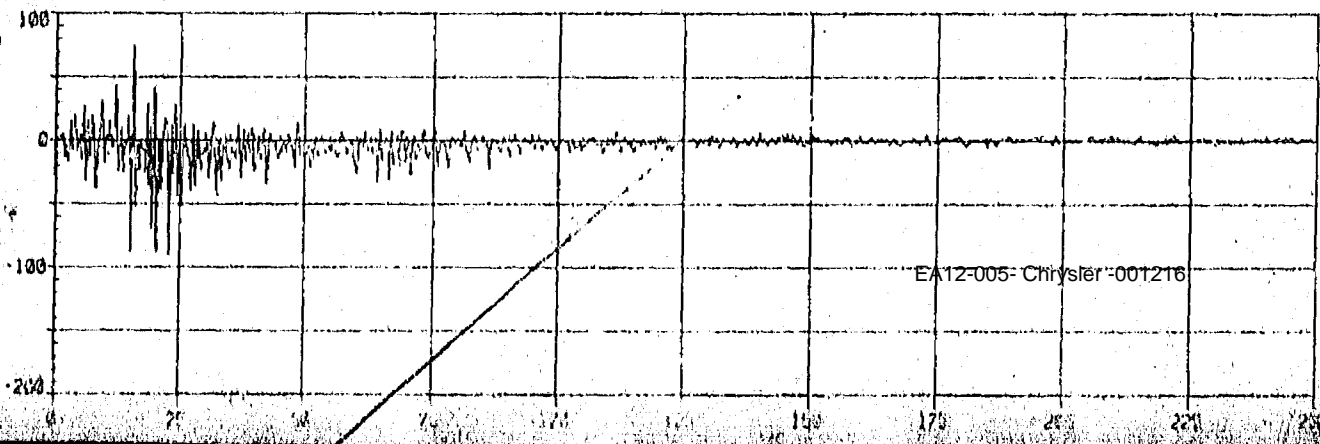
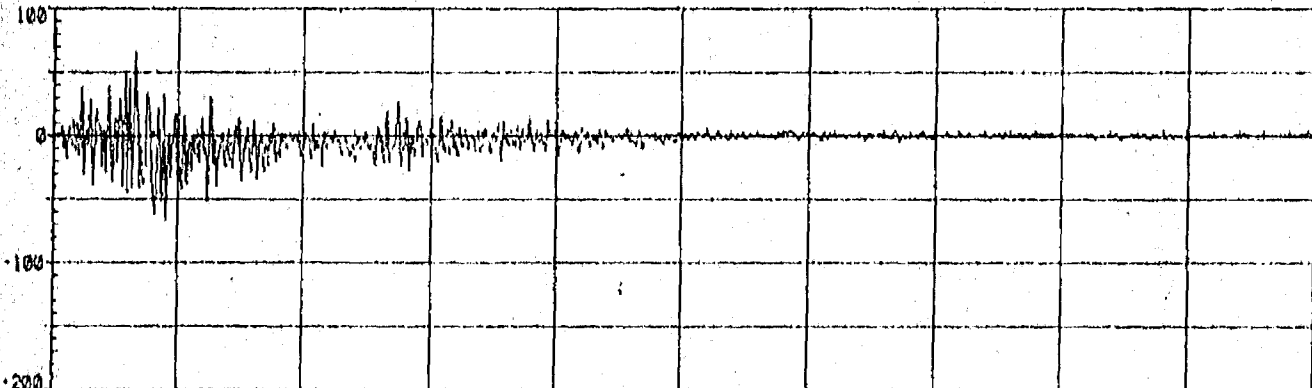
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TEST DATE 6-7-82  
CHANNELS 12-11

MOVABLE BARRIER  
DECELERATION (G)  
SAE J211 FILTER CLASS 60



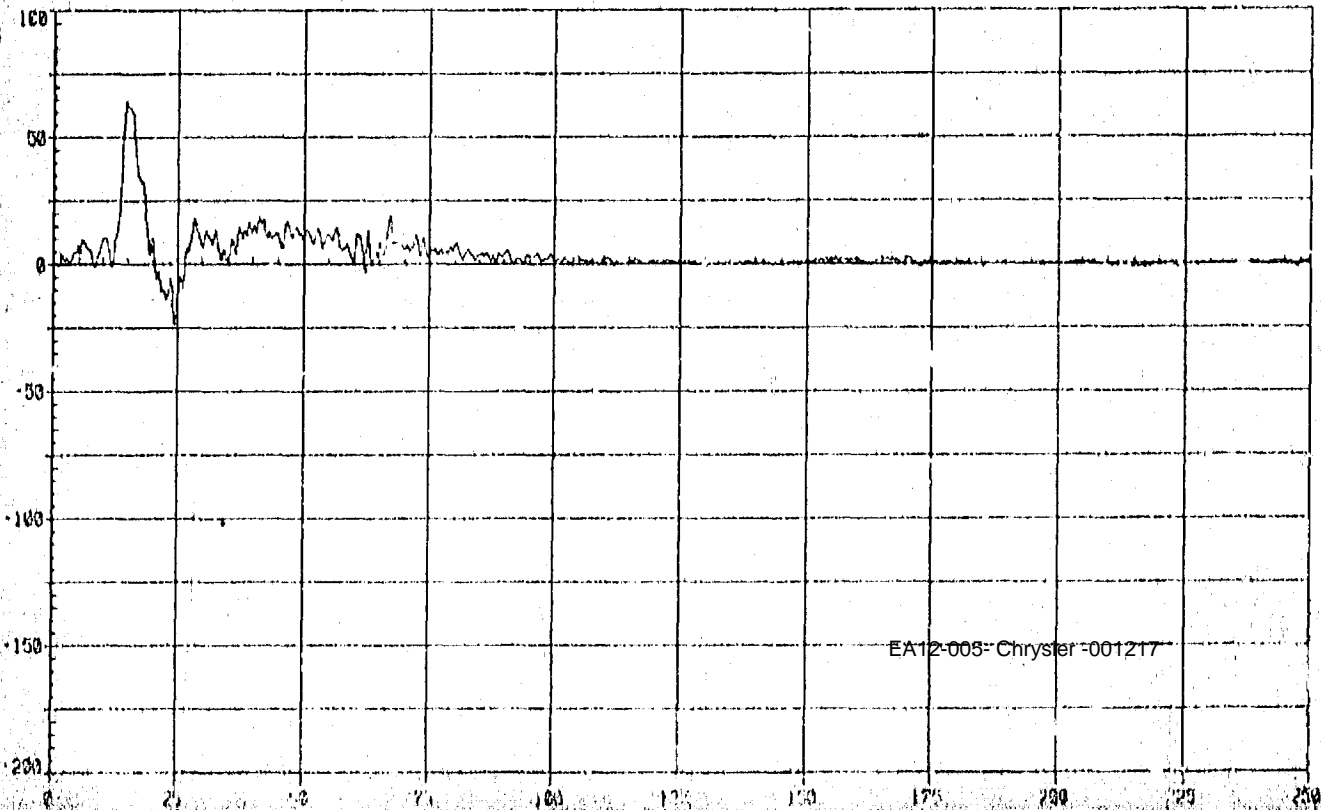
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TEST DATE 6-7-82  
CHANNELS 12-11

MOVABLE BARRIER  
DECELERATION (G)  
SAE J211 FILTER CLASS 600



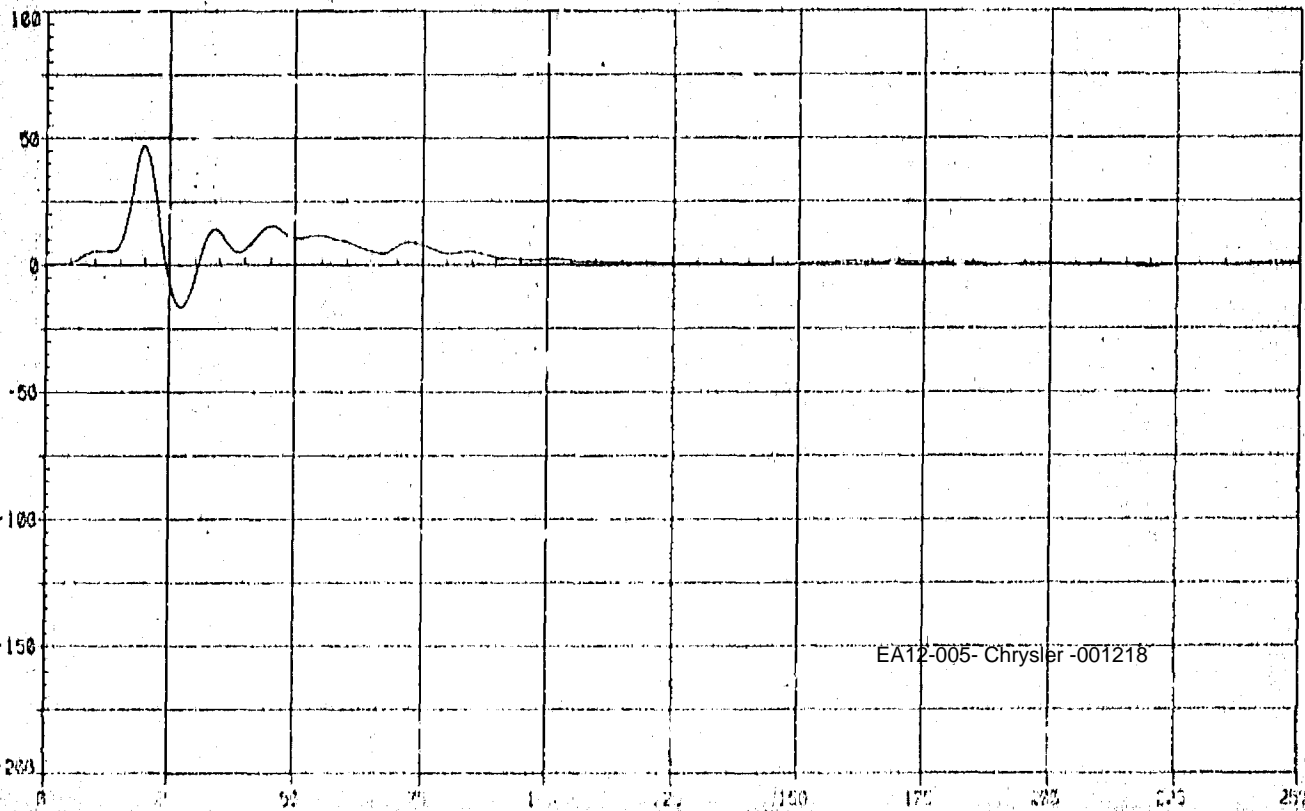
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TEST DATE 6-7-82  
CHANNELS 1211

CHASSIS  
AVERAGE ACCELERATION (G)  
SAE J211 FILTER CLASS 600



TEST NO. 1533  
TEST DATE 6-7-82  
CHANNELS 12-11

CHASSIS  
AVERAGE ACCELERATION (G)  
SAE J211 FILTER CLASS 60



TEST NO. 1533

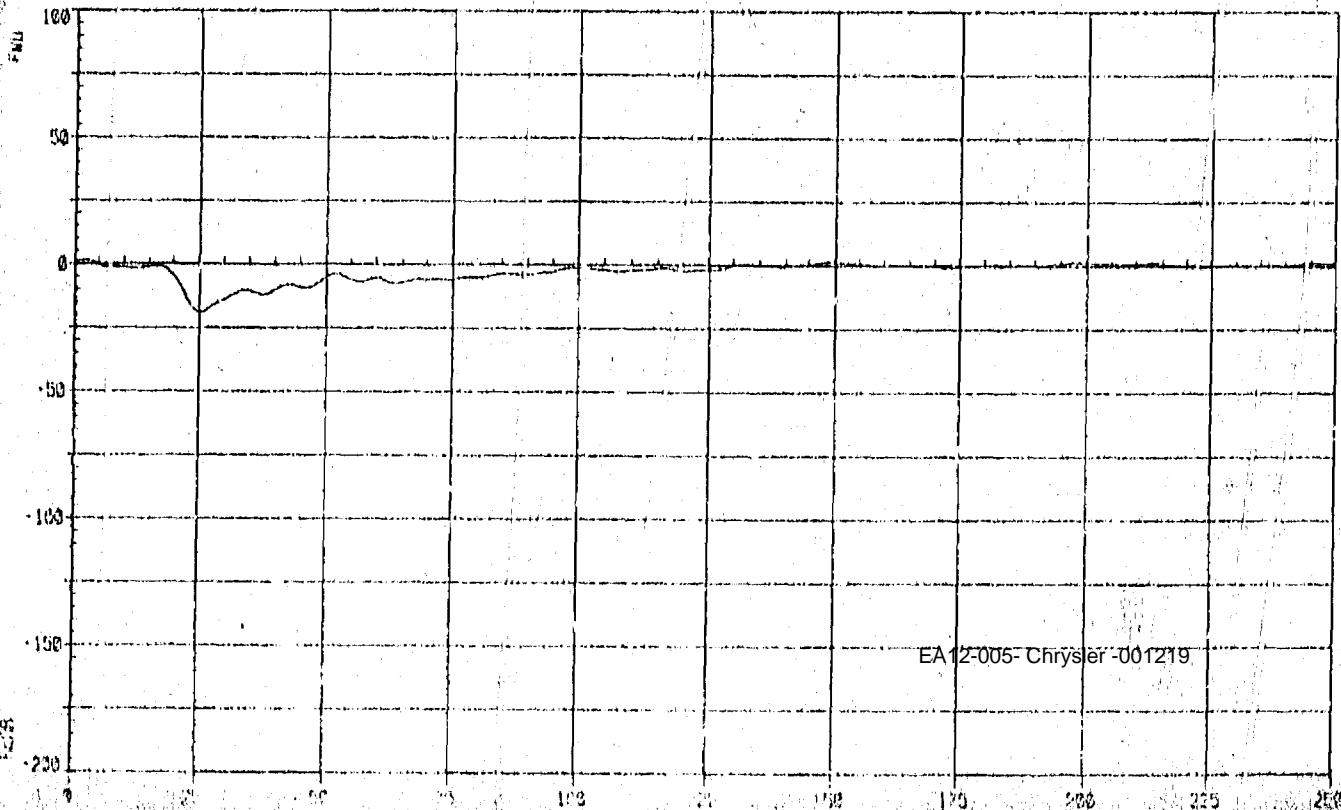
TEST DATE 6-7-82

CHANNELS 3-3

MOVABLE BARRIER

AVERAGE DECELERATION (G)

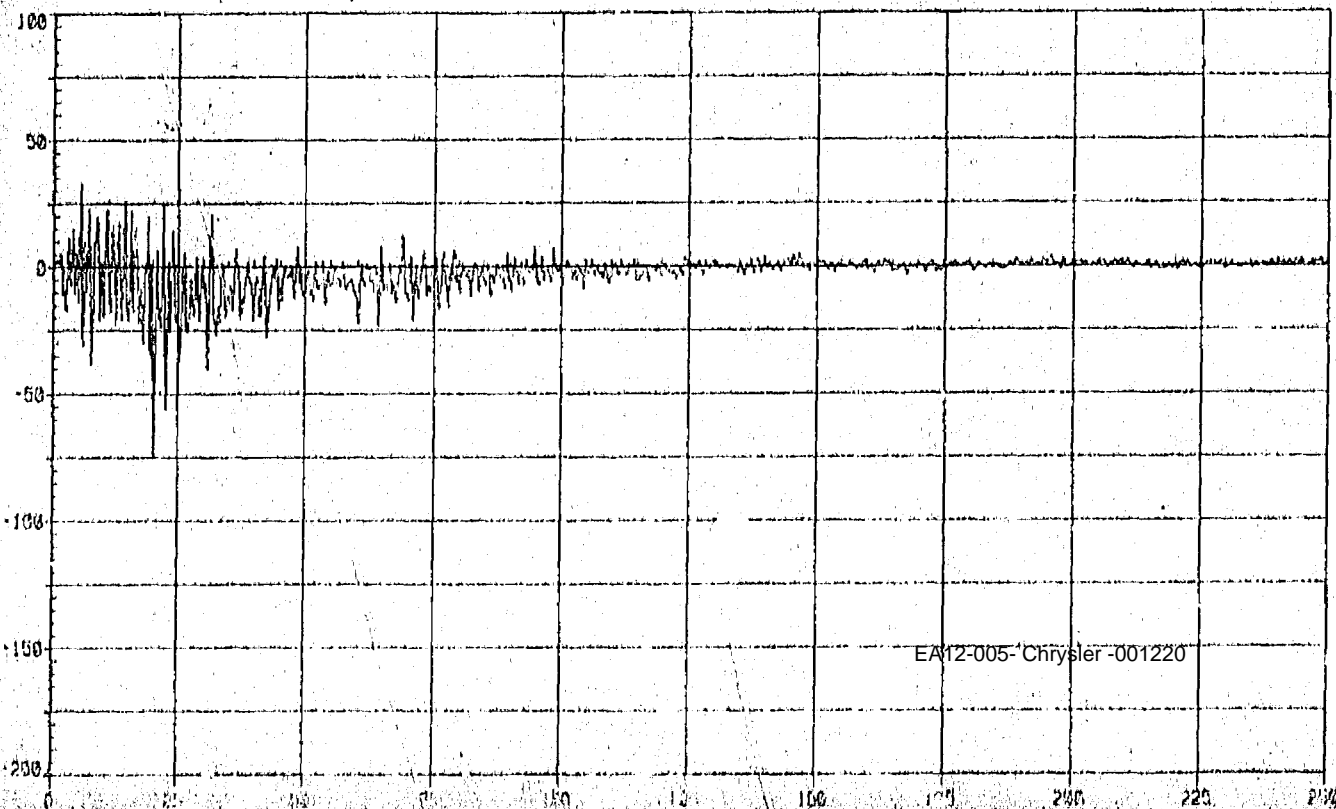
SAE J211 FILTER CLASS 60





TEST NO. 1533  
TEST DATE 6-7-82  
CHANNELS 4-4

MOVABLE BARRIER  
AVERAGE DECELERATION (G)  
SAE J211 FILTER CLASS 600



EA12-005- Chrysler -001221

EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1533

Image Source Inc.

801 Front Street

Toledo, Oh. 43603

419/671111



DECLARATION OF INTENT AND PURPOSE

I Thomas J. Candace, employed by The Image Source, Inc. do hereby declare that the records microfilmed herein are actual records of the Chrysler Corp. AMC Vehicle Cross tests created during its normal course of business and that:

It is the express intent and purpose of this organization to destroy or otherwise dispose of the original records microphotographed herein, and that:

The destruction or disposition of the records microphotographed on this reel is only to be accomplished after inspection of the microfilm to assure completeness of coverage, and that:

It is the policy of this organization to microfilm and dispose of original records in accordance with customer authorization or as part of the planned organizational operation procedure.

Date 4 6 1995  
Month Day

Thomas J. Candace  
Signature

Place Toledo Ohio  
City State

Chrysler Corp. 001227  
Title

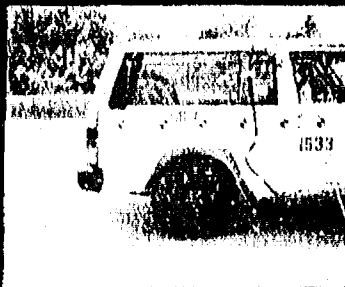
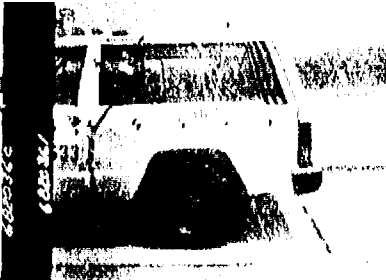
801 Front  
Location

POST  
1533-2

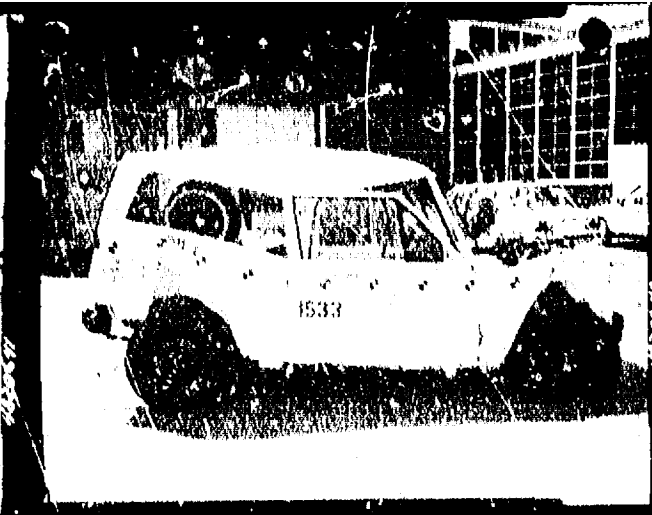
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POST  
1533-2

EA12-005 Doyle 10/20/08



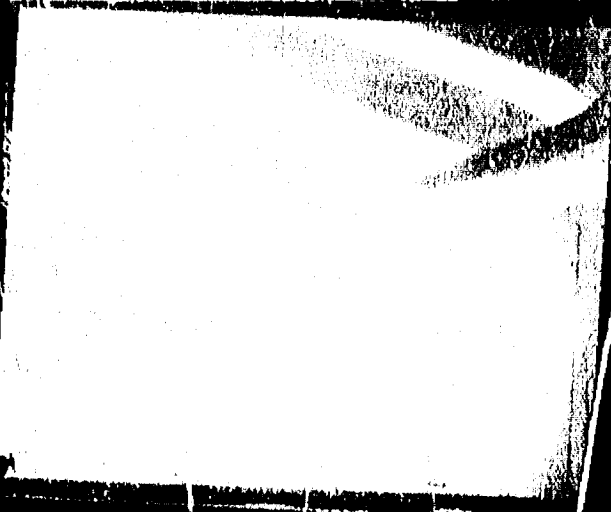
EA12-005- Chrysler -004229





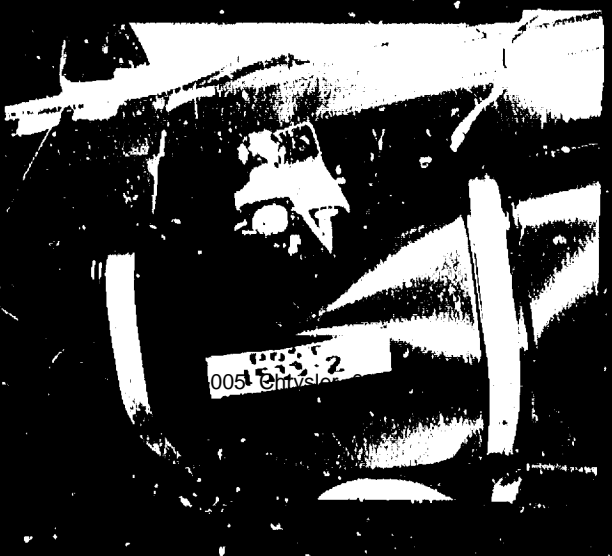
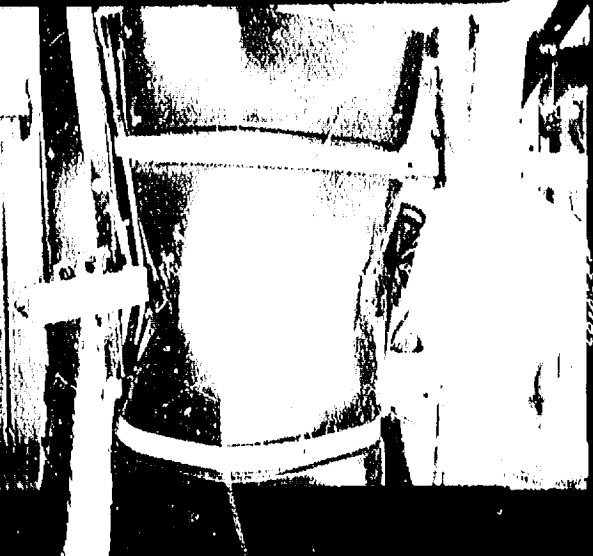


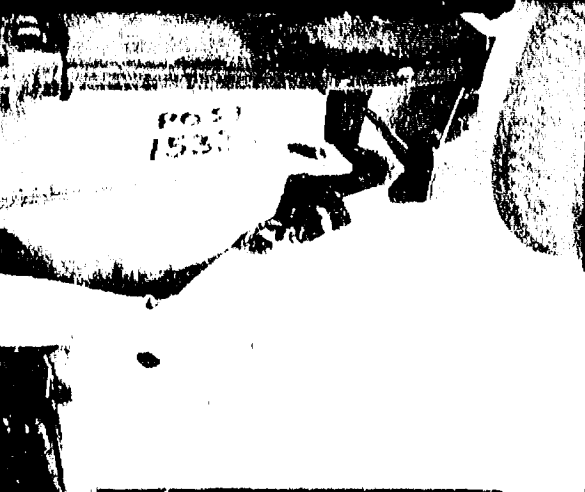
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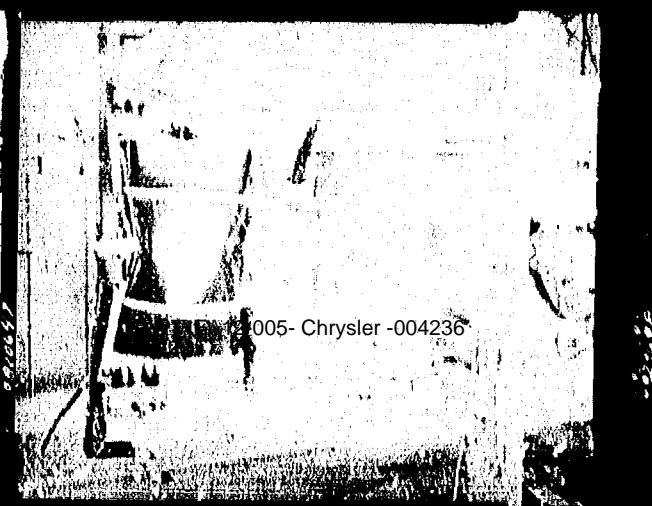


EA 2005- Chrysler -004232

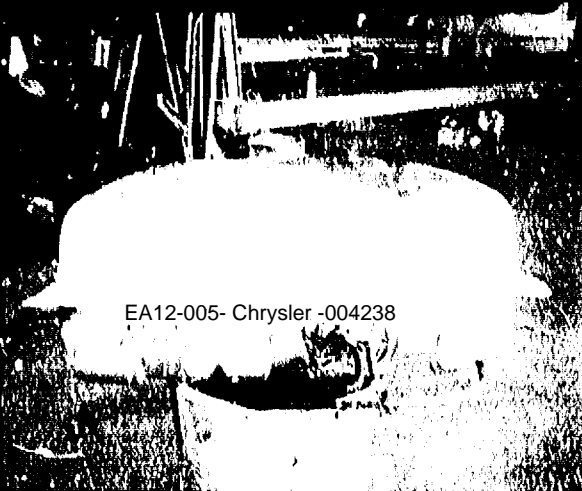
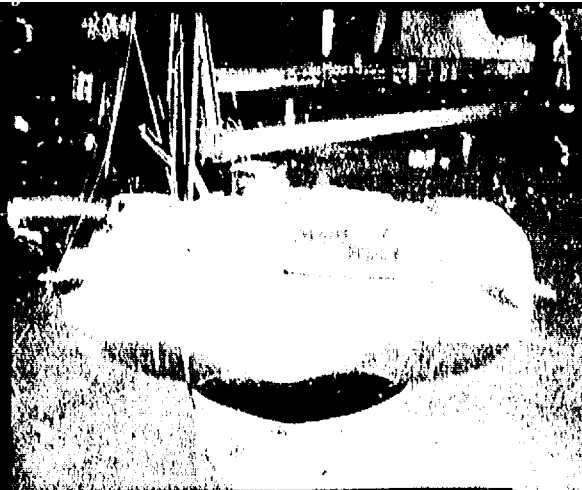
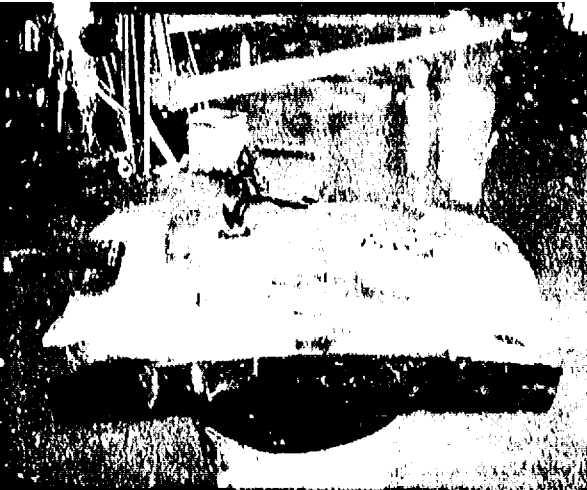












EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1540 photos

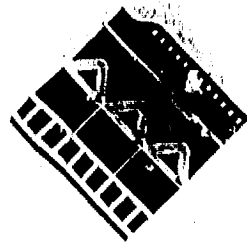


Image Source Inc.

801 Front Street

Toledo Ohio 43605

419/277-1111



DECLARATION OF INTENT AND PURPOSE

I Theresa J. Carder, employed by The Image Source, Inc. do hereby declare that the records microfilmed herein are actual records of the Chrysler Corp AMC Vehicle Crash tests created during its normal course of business and that:

It is the express intent and purpose of this organization to destroy or otherwise dispose of the original records microphotographed herein, and that:

The destruction or disposition of the records microphotographed on this reel is only to be accomplished after inspection of the microfilm to assure completeness of coverage, and that:

It is the policy of this organization to microfilm and dispose of original records in accordance with customer authorization or as part of the planned organizational operation procedure.

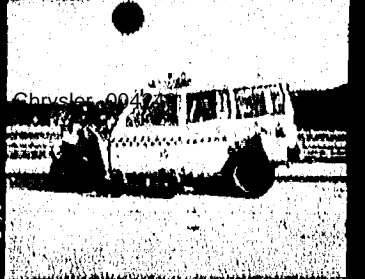
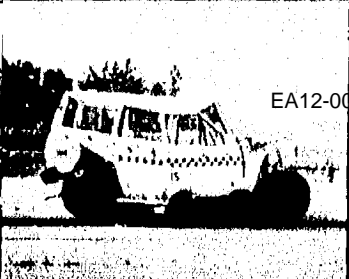
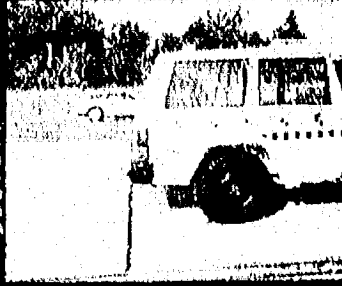
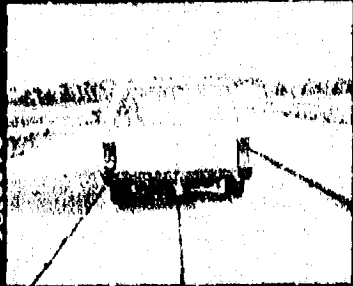
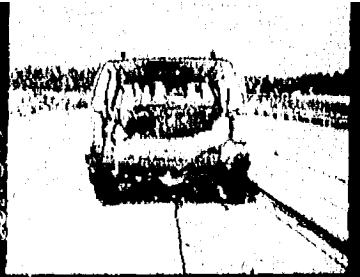
Date 4 16 1995  
Month Day

Place Toledo Ohio  
City State

Theresa J. Carder  
Signature

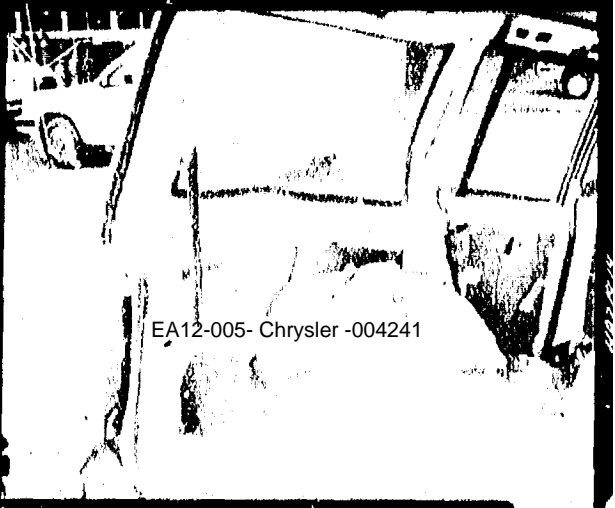
Camera Operator 12-005-Chrysler-004239  
Title

801 Front  
Location



EA12-00

Chrysler 0041



EA12-005- Chrysler -004241

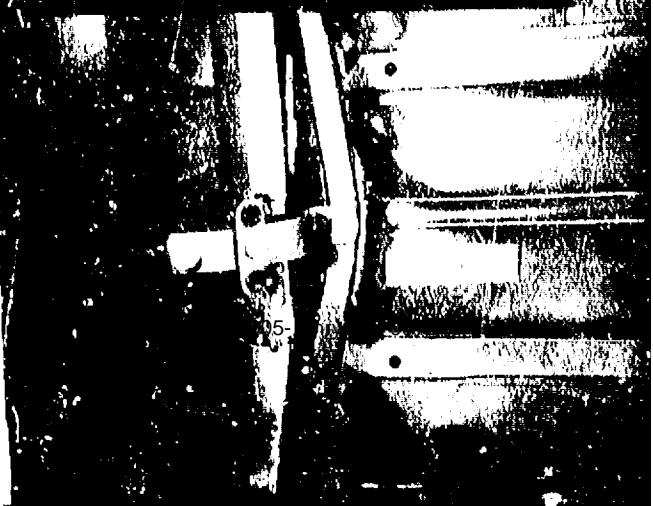


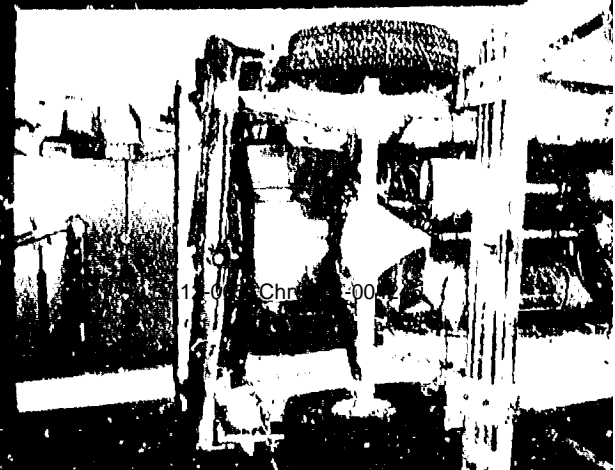
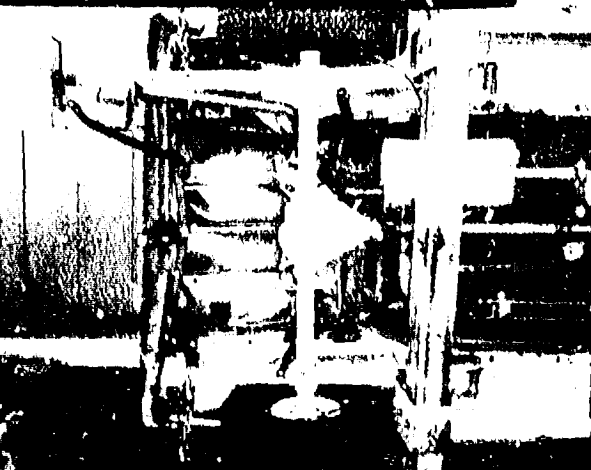
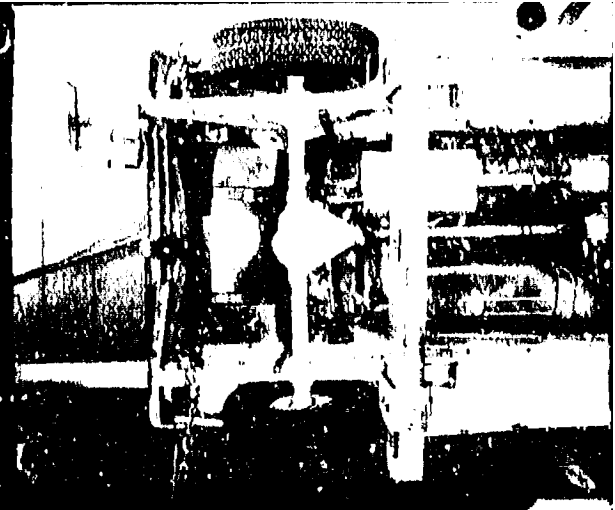
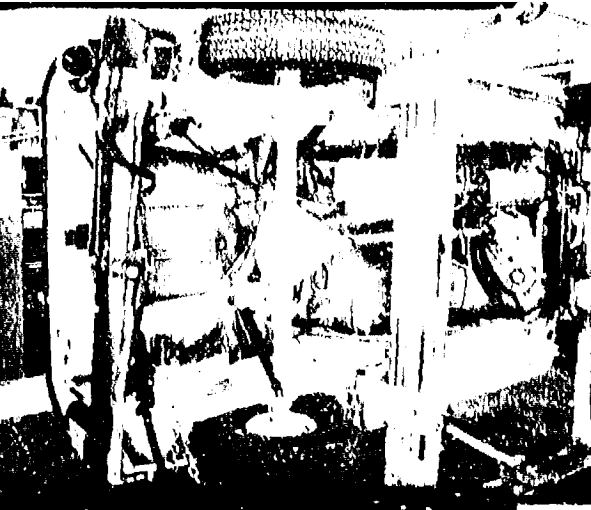


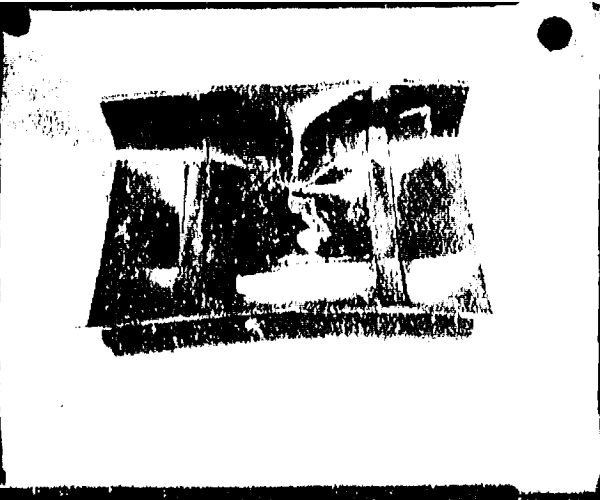
1981  
1547

EMC 0-995 Chrysler -004243

1548

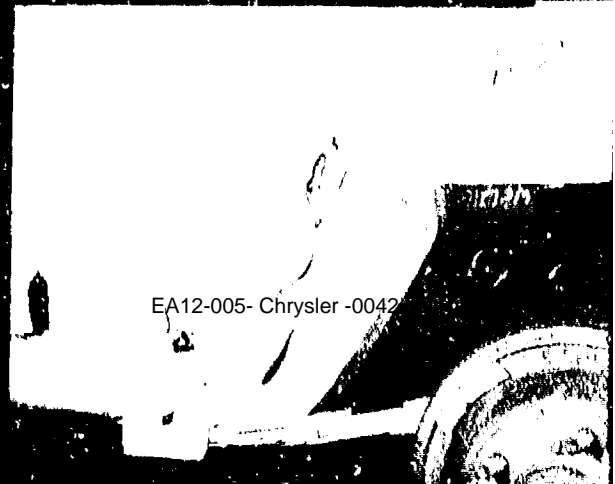
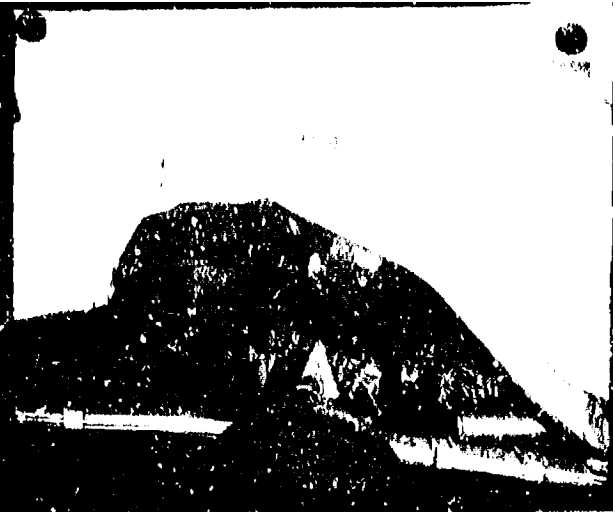
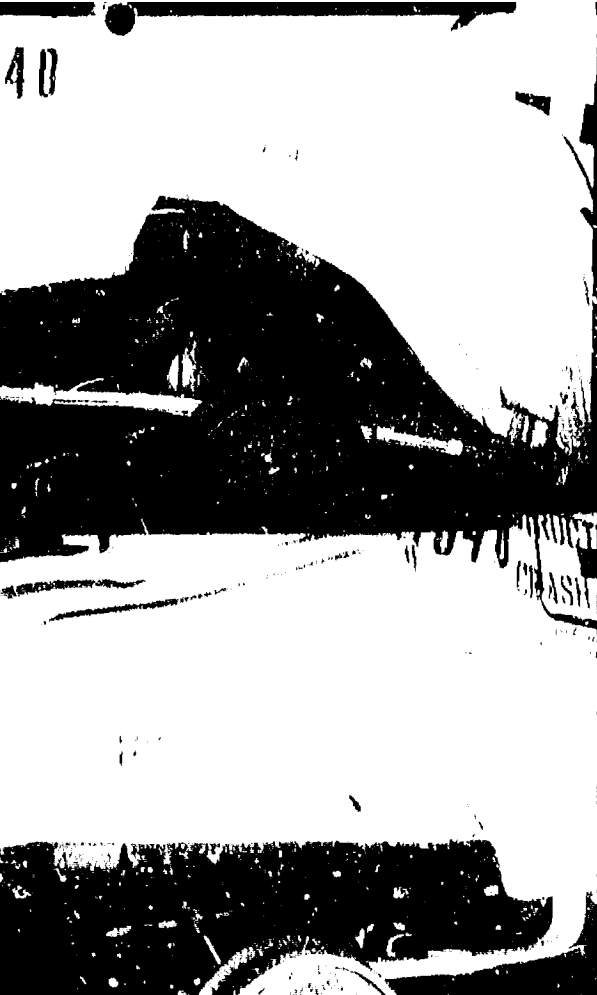




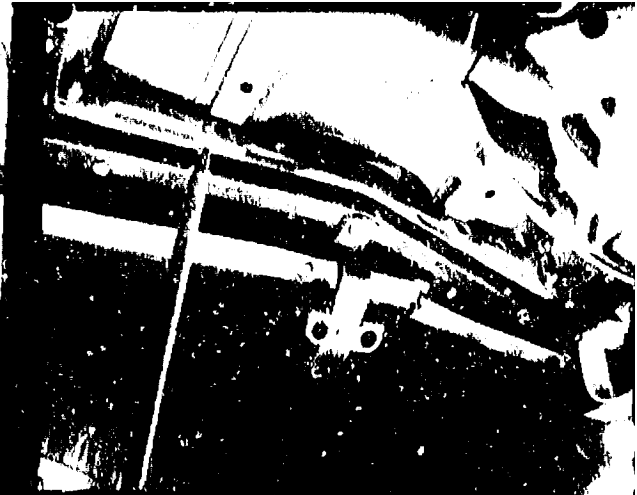
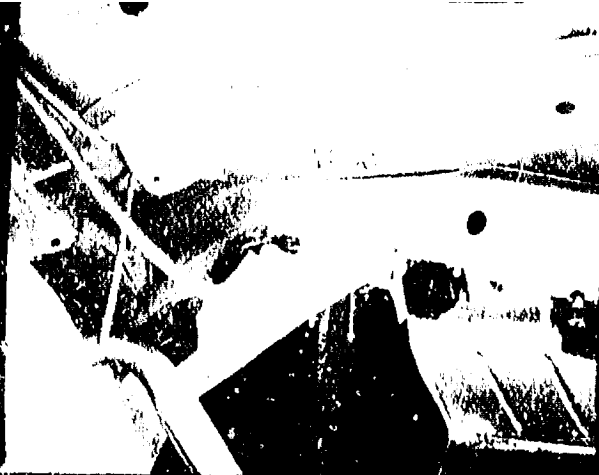


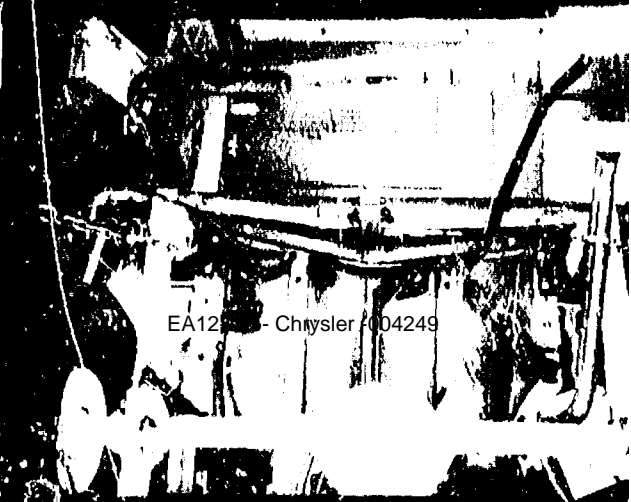
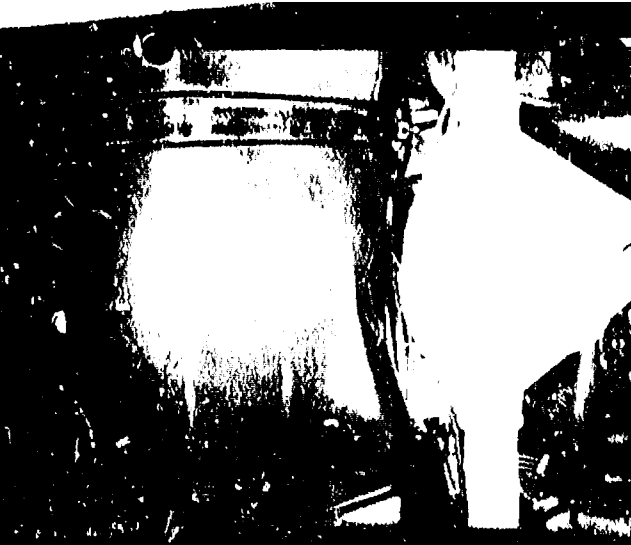


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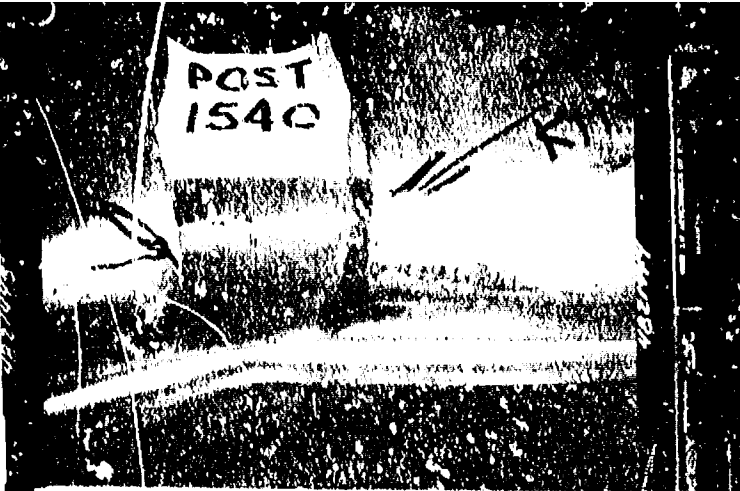
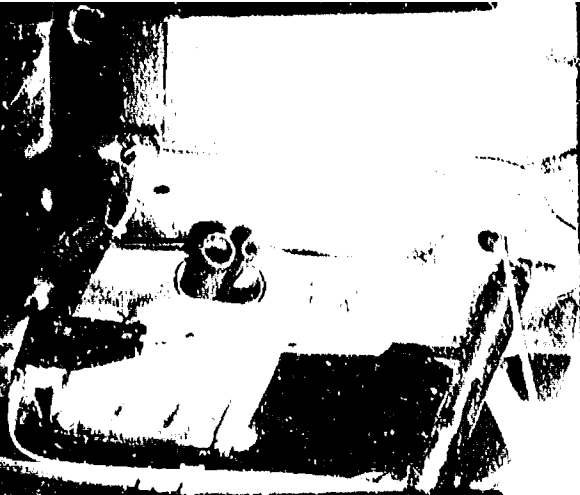


EA12-005- Chrysler -0042





EA12 - Chrysler 6004249



EA12-005- Chrysler -004250

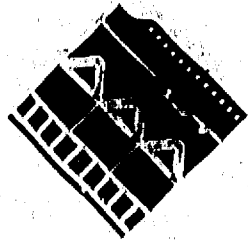
EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1540 Public

Image Source Inc.

401 Front Street

Toledo Ohio 43605

481/6974441



DECLARATION OF INTENT AND PURPOSE

I Thomas J. Carder, employed by The Image Source, Inc. do hereby declare that the records microfilmed herein are actual records of the Chrysler Corp. A.M.C. created during its normal course of business and that:

It is the express intent and purpose of this organization to destroy or otherwise dispose of the original records microphotographed herein, and that:

The destruction or disposition of the records microphotographed on this reel is only to be accomplished after inspection of the microfilm to assure completeness of coverage, and that:

It is the policy of this organization to microfilm and dispose of original records in accordance with customer authorization or as part of the planned organizational operation procedure.

Date 12 13 1961  
Month Day  
Place Toledo Ohio  
City State

Thomas J. Carder  
Signature  
Camera Operator  
Title  
501 Front St.  
Location

EA12-005-Chrysler-001222

## SAFETY TEST - BODY SHEET

TYPE OF TEST 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER TEST NO. 1530  
 MODEL TESTED XJ PROTOTYPE ENGINE TYPE 4 CYL. TEST DATE 9-30-82  
 TESTED FOR XJ PROTOTYPE MODEL ADR JAGOH YEAR 1984 TEST SPEED 29.0 MPH  
 REQUESTED BY D. A. SPYTHAN TEST WEIGHT 4006 LBS.  
 REFERENCE WRITTEN TEST REQUEST DATED 7-21-82.

TEST OBJECTIVE:

DEVELOPMENT TEST. SFAM - 14046, WITH CLASS II TRAILER HITCH.

VEHICLE DESCRIPTION:SUMMARY OF RESULTS

SFAM NO.	PASSED		DATA SUMMARY	DATA REFERENCE
	YES	NO		
-			<u>N/A</u> VEHICLE CRUSH - INCHES	
14174			<u>N/A</u> STG COL MAX INTRU. - INCHES	
14173			<u>N/A</u> WINDSHIELD - PERCENT RETENTION	
14187			BUMPERS <u>N/A</u>	
14216			WINDSHIELD ZONE INTRUSION <u>N/A</u>	
14046	X		FUEL SYSTEM INTEGRITY	

COMMENTS:

THIS VEHICLE WAS PREVIOUSLY CRASHED UNDER TEST # 1530.

TEST DIRECTOR H. R. TURTLE REPAIRED BY Chrysler QU1223  
 TEST CO-ORDINATOR B. L. TURCO DATE \_\_\_\_\_

## VEHICLE DATA SHEET

TYPE OF TEST 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER TEST DATE 9-30-82ACTUAL SPEED 29.3 MPH ACTUAL MODEL TESTED XJ PROTOTYPE TRANS. AUTOMATIC FLOORENGINE 4 CYL. I.D. NO. SNB - 13 PLT. B.L.T. AMTAK MODEL TESTED FOR 1984SEAT TYPE:  FRFB  FBSB  INDIV  BUCKET  OTHER: NONE USEDYEAR: 82 SETTING: Midpoint which is        forward of the rearmost position.REAR SEAT        N/ASTEERING WHEEL:  Std. ;  Sport  Other SETTING STRAIGHT AHEADDESCRIPTION:       STEERING COLUMN TYPE:  Prod. E.A.  Other DESCRIPTION:       FRONT BUMPER:  Conventional  E.A.  Other DESCRIPTION:       REAR BUMPER:  Conventional  E.A.  Other DESCRIPTION:       WEIGHT TO SIMULATE: FRONT 1051.2 REAR 2147.8 TOTAL 4099 LBS.WEIGHTS: BALLAST 1250.0 LB @ ON FLOOR PAN DUMMIES        LB200.0 LB @ UNDER HOOD FUEL 33.0 LB.       LB @        EQUIPMENT        LB.TEST WEIGHT: FRONT 1052 LBS. REAR 2144 LBS. TOTAL 4096 LBSFENDER HEIGHTS: L.F.        R.F.        L.R.        R.R.       

(At Axle)

FUEL TANK FILLED TO 95 % (12.02 gal.) OF RATED CAPACITY (13.5 gal.).COMMENTS VEHICLE HAS A CLASS II TRAILER HITCH

EA12-005-Chrysler-001224

SAFETY TEST DIRECTOR H. R. TURTLESAFETY TEST COORDINATOR BJJ DATE



# Pre-Test Modification Sheet

TEST NO. 1540

CAR NO. SPB-13 TEST TYPE 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER

DATE 9-30-82 MECHANIC \_\_\_\_\_ REQUESTED BY D. A. SPYTMAN

ACTUAL TEST WT. (LBS.): FR. 1962 REAR 2144 TOTAL 4006 DUMMIES USED NONE

WEIGHTS: BALLAST 1250.0 LB. @ OH FLOOR PAN DUMMIES \_\_\_\_\_ LB.

" 200.0 LB. @ UNDER HOOD FUEL 83.0 LB.

\_\_\_\_\_ LB. @ \_\_\_\_\_ EQUIPMENT \_\_\_\_\_ LB.

BENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_

FUEL TANK FILLED TO 95 % (12.82 gal.) OF RATED CAPACITY (13.5 gals.)

PART NUMBER	PART NAME	DESCRIPTION
		<div style="border: 2px solid yellow; width: 80%; margin: auto; height: 100px;"></div>

EA12-005- Chrysler -001225

TYPE OF TEST: 30 MPH PERP, REAR IMPACT - MOVABLE BARRIER TEST NO.: 1640

TEST DATE: 9-30-02

TEST SPEED: DESIRED 30.0 MPH. TIME 2:17 P.M. TRAP 29.8 MPH

INSTRUMENT CONTINUITY ALL CHANNELS O.K. LASER 29.9 MPH

CAMERAS ALL CAMERAS RAN.

GLASS NONE

CUMMIES NONE

FUEL SYSTEM

SPARE TIRE AND JACK TIRE CAME LOOSE. THREAD PULLED OR HOLD DOWN W/NO NUT.

OTHER COMMENTS

EA12-005-Chrysler-001226

INSPECTED BY D. E. CRUCIANELLI TEST DIRECTOR H. R. TURTLE

HIGH SPEED MOTION PICTURE ANALYSIS

TEST DATE: September 30, 1982	MODEL: XJ Proto	TEST NO. 1540
TYPE OF TEST: Movable Barrier Perpendicular Rear Impact		
ANALYZED SPEED: 29.7 M.P.H.		

Note: Analysis for speed only. Vehicle used in Test 1539 (Front Impact) prior to Test 1540 (Rear Impact).

ANALYSIS BY: Alex Spiroff *AS*

DATE: October 6, 1982

SEAM - 14046

TEST NO. 1540

MODEL XJ PROTOTYPE

TEST TYPE 30 MPH FRP, REAR IMPACT - MOVABLE BARRIER TEST DATE 9-30-82

Fuel spillage in the 5 minute period following  
cessation of vehicle motion after impact. (Total)

NO SPILLAGE

Fuel spillage during subsequent 25 minute period,  
(Total)

NO SPILLAGE

During the 25 minute period, did the spillage  
exceed one ounce by weight at any one minute?

Yes  No

COMMENTS:

\_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_

Checked by: JAKE KOCH

Did this vehicle meet or exceed performance criteria of A.M. Spec. 14046?

Yes  No

EA12-005- Chrysler -001228

PRE-CRASH  
 POST CRASH









ROLL OVER TEST REPORT

TYPE OF TEST 30 MPH PEND. REAR IMPACT-MOVABLE BARRIER TEST NO. 1540  
MODEL TESTED XJ PRO ENGINE 4 cyl. TRANS. AUTO. FLOOR TEST DATE 9-27-82  
TESTED FOR XJ PRO, V.I.N. OR I.D. SPB-13 PLANT BUILT AMTEK

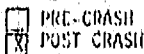
<input checked="" type="checkbox"/> BATT. REMOVED	<input type="checkbox"/> AIR CLEANER ON
<input checked="" type="checkbox"/> COOLANT DRAINED	<input type="checkbox"/> FUEL SYSTEM <u>DRAINED</u>
<input checked="" type="checkbox"/> ENG. OIL DRAINED	<input type="checkbox"/> VENT SYSTEM PURGED
<input checked="" type="checkbox"/> HOOD REMOVED	<input checked="" type="checkbox"/> TANK TO 95% CAP, W/STANDARD SOLVENT

COMMENTS

Time duration from barrier impact until start of static rollover test. \_\_\_\_\_  
Time duration to rotate vehicle through 90 degrees; 3 minutes.

 <u>0-90° RT. SIDE DOWN - CLOCKWISE</u>	 <u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u>
① NO LEAKS.	① NO LEAKS.
② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.	② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.
 <u>90-180° UPSIDE DOWN</u>	 <u>90-180° UPSIDE DOWN</u>
① NO LEAKS.	① NO LEAKS.
② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.	② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.
 <u>180-270° LEFT SIDE DOWN</u>	 <u>180-270° RIGHT SIDE DOWN</u>
① NO LEAKS.	① NO LEAKS.
② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.	② 1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.
 <u>270-0° NORMAL ATTITUDE</u> NO LEAKS.	 <u>270-0° NORMAL ATTITUDE</u> NO LEAKS. EA12-005- Chrysler -001229

① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.



## ROLL OVER TEST REPORT

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST NO. 1540  
 MODEL TESTED XJ PRO ENGINE 4 CYL. TRAV. AUT. FLOOR TEST DATE 10-1-82  
 TESTED FOR XJ PRO, V.I.H. OR I.D. SPR-12 PLANT BUILT AMTEK

①	BAT. REMOVED	③	AIR CLEANER ON
②	COOLANT DRAINED	④	FUEL SYSTEM PRIMED
③	CRG. OIL DRAINED	⑤	VENT SYSTEM PURGED
④	HOOD REMOVED	⑥	TANK TO 95% CAP. W/STANDARD SOLVENT

COMMENTS

Time duration from barrier impact until start of static rollover test, 21.0 HOURS  
 Time duration to rotate vehicle through 90 degrees: 3 minutes.

①	0-90° RT. SIDE DOWN - CLOCKWISE	①	0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE
①	NO LEAKS.	①	
②	1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.	②	1ST MIN. 2ND MIN. 3RD MIN.
③	90-180° UPSIDE DOWN	③	90-180° UPSIDE DOWN
①	NO LEAKS.	①	
②	1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.	②	1ST MIN. 2ND MIN. 3RD MIN.
④	180-270° LEFT SIDE DOWN	④	180-270° RIGHT SIDE DOWN
①	NO LEAKS.	①	
②	1ST MIN. NO LEAKS. 2ND MIN. NO LEAKS. 3RD MIN. NO LEAKS.	②	1ST MIN. 2ND MIN. 3RD MIN.
⑤	270-0° NORMAL ATTITUDE	⑤	270-0° NORMAL ATTITUDE
	NO LEAKS.		

EA12-005- Chrysler -001230

KEY:

- ① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
 ② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

TEST NO. 1510

WISCONSIN TEST CENTER  
SAFETY TESTING - INSTRUMENTATION DEPARTMENT

MODEL XJ PROTOTYPE

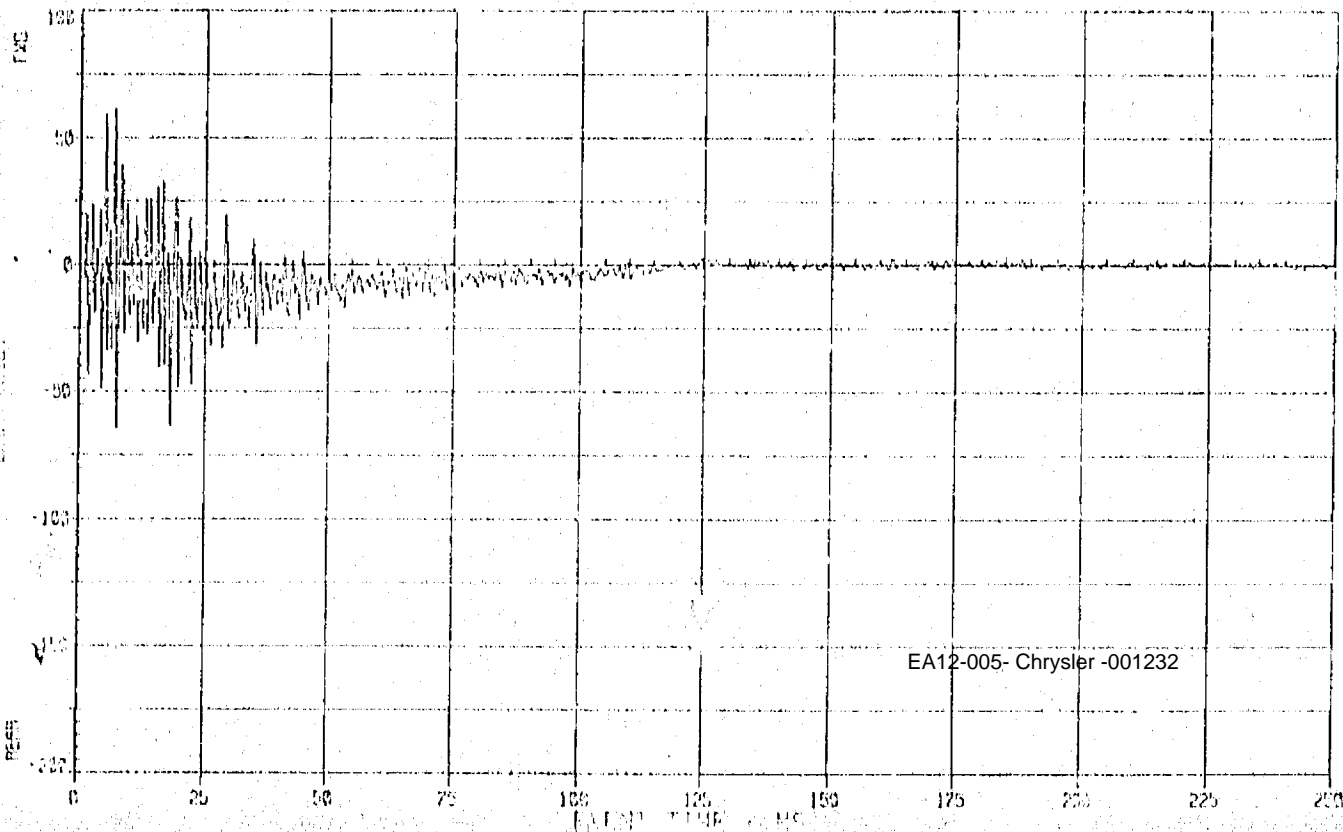
TEST DATE 9-30-82

TESTED BY: II. HYATT - P. KOPITZKE

APPROVED BY *Thomas R. Powers* DATE 11-1-82

TEST NO. 1540  
TEST DATE 9-30-82  
MODEL 13

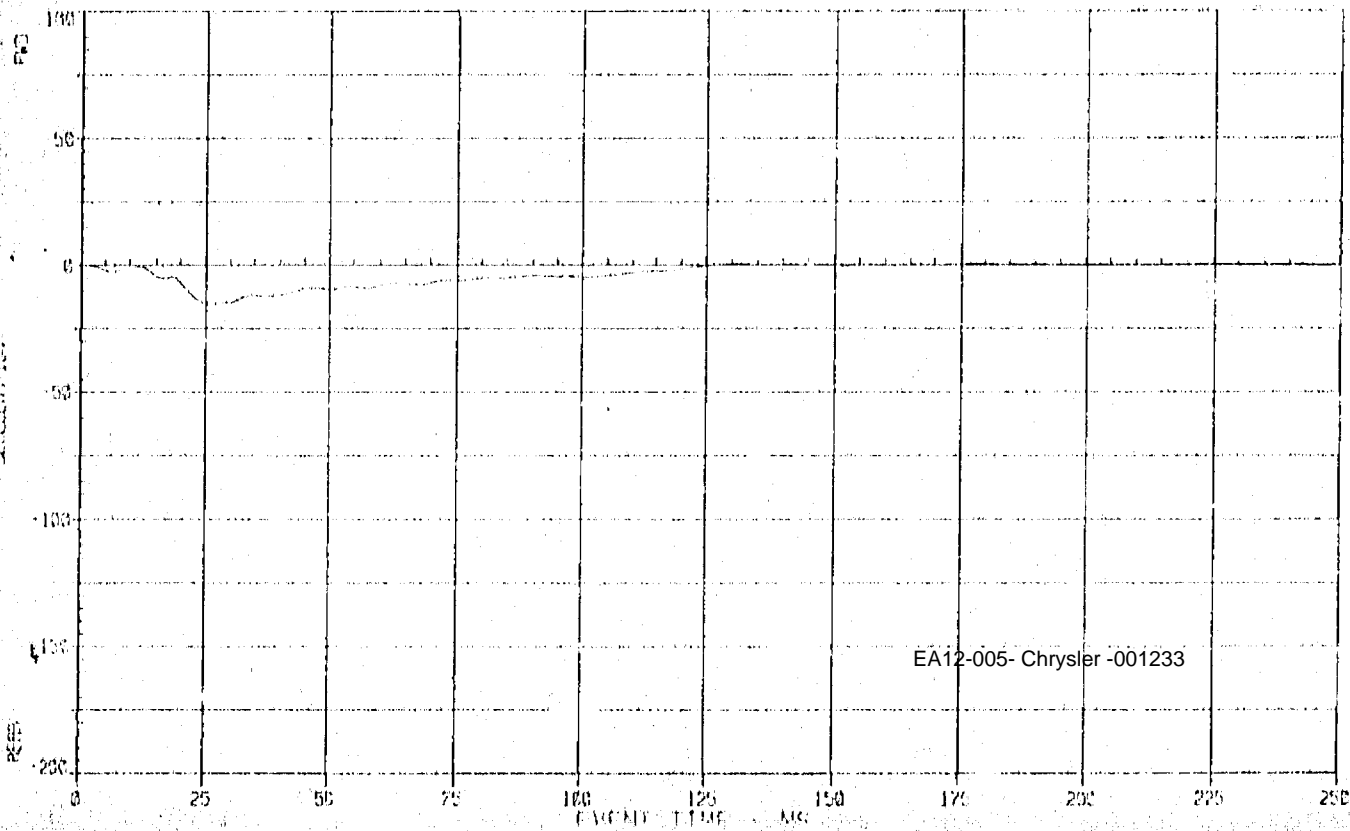
MOVABLE BARRIER  
AVERAGE DECELERATION (G)  
SAE J211 FILTER CLASS 600





TEST NO. 1540  
TEST DATE 9-30-82  
MODEL 13

MOVABLE BARRIER  
AVERAGE DECELERATION 6G  
SAE J213 FILTER CLASS 60



EA12-005-Chrysler-001233

TEST NO. 1540

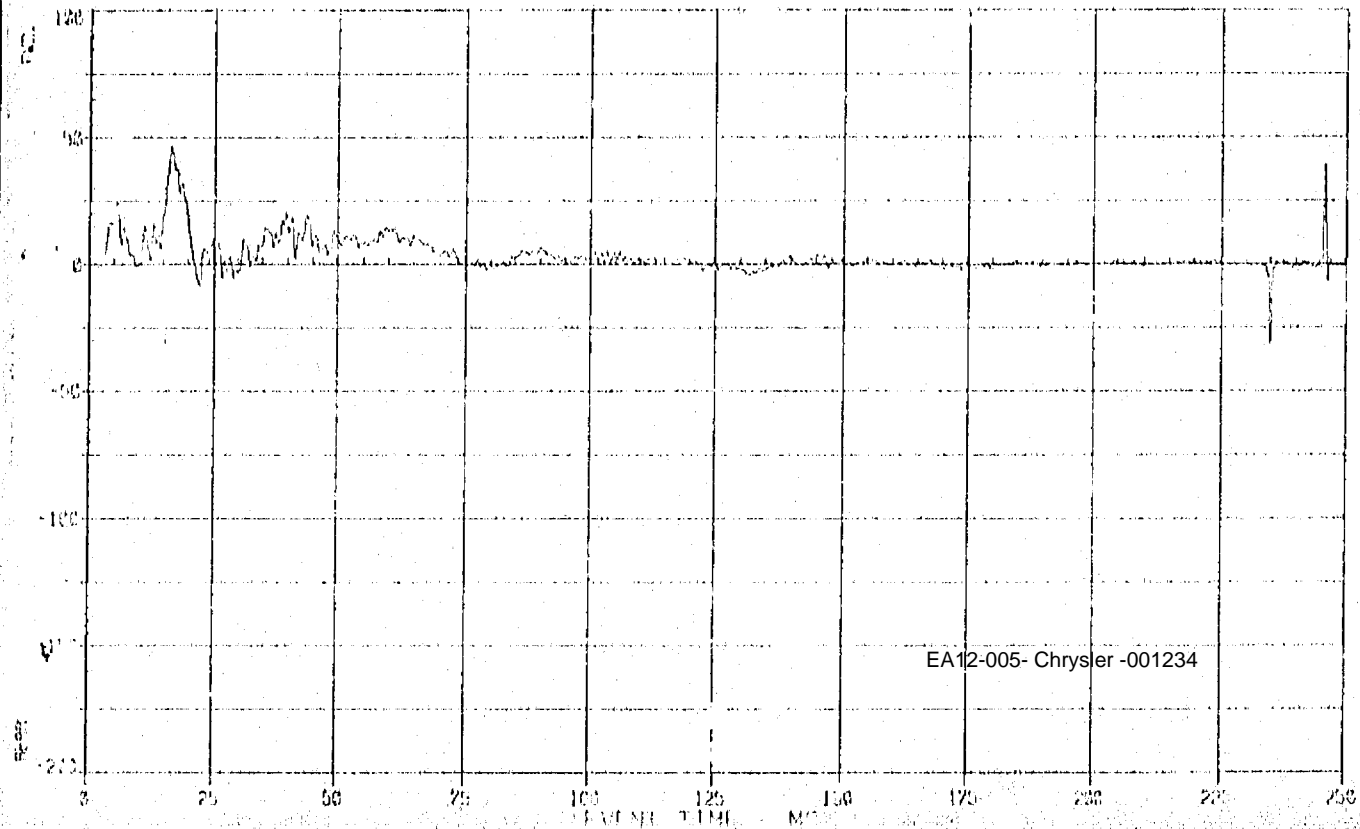
TEST DATE 9-30-82

MODEL 13

CHASSIS

AVERAGE ACCELERATION (G)

SGE J211 FILTER CLASS 600



TEST NO. 1540

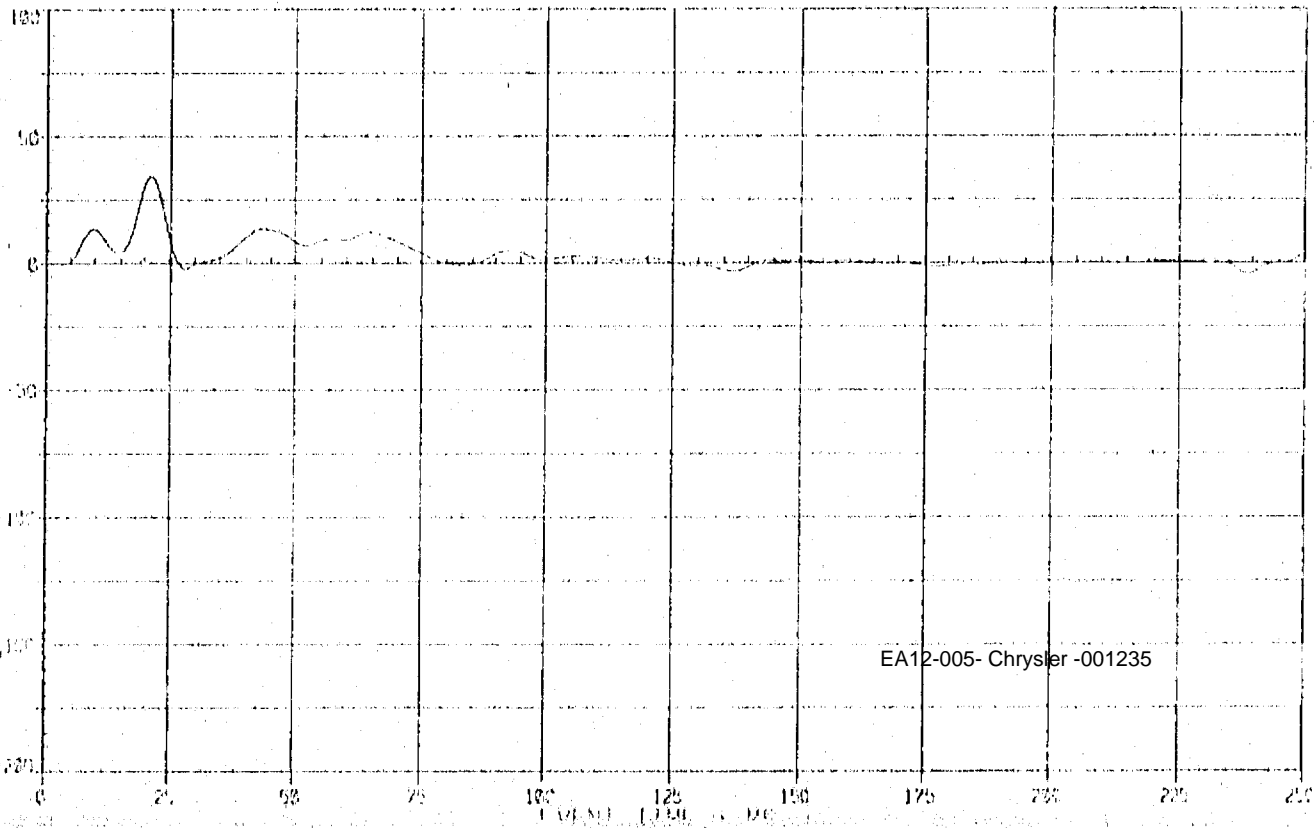
TEST DATE 9-30-82

MODEL 13

CHASSIS

AVERAGE ACCELERATION (G)

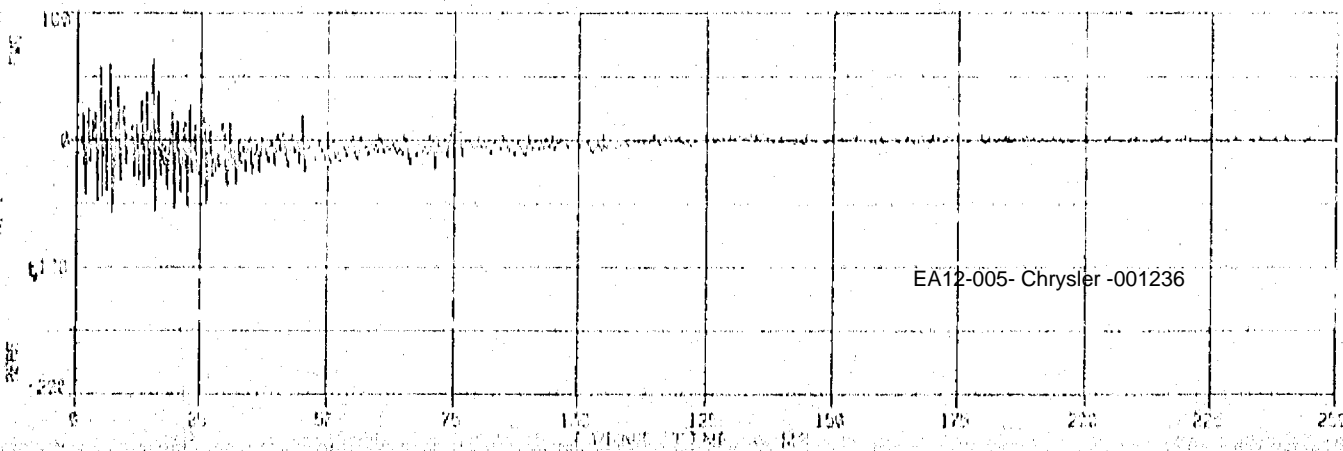
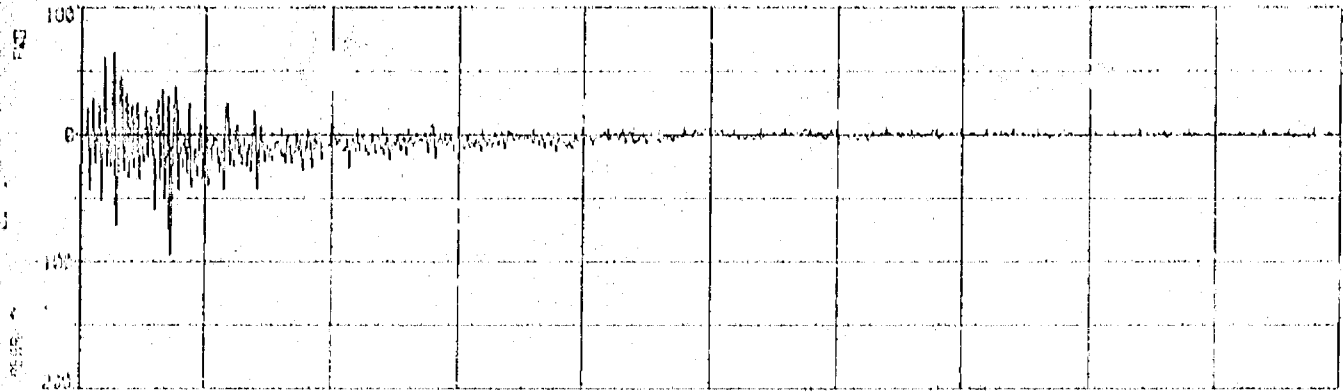
SAE J211 FILTER CLASS 60



EA12-005-Chrysler-001235

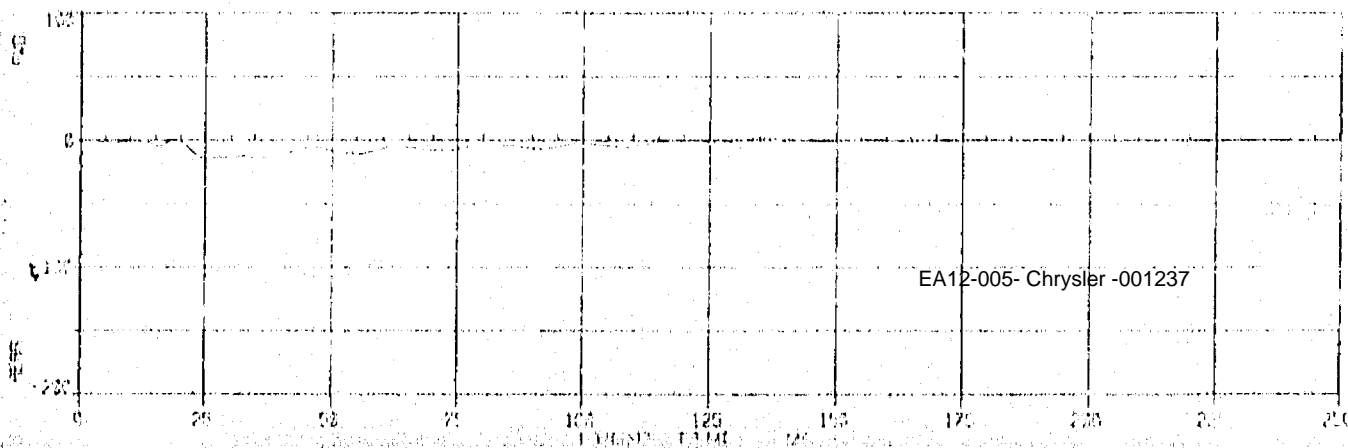
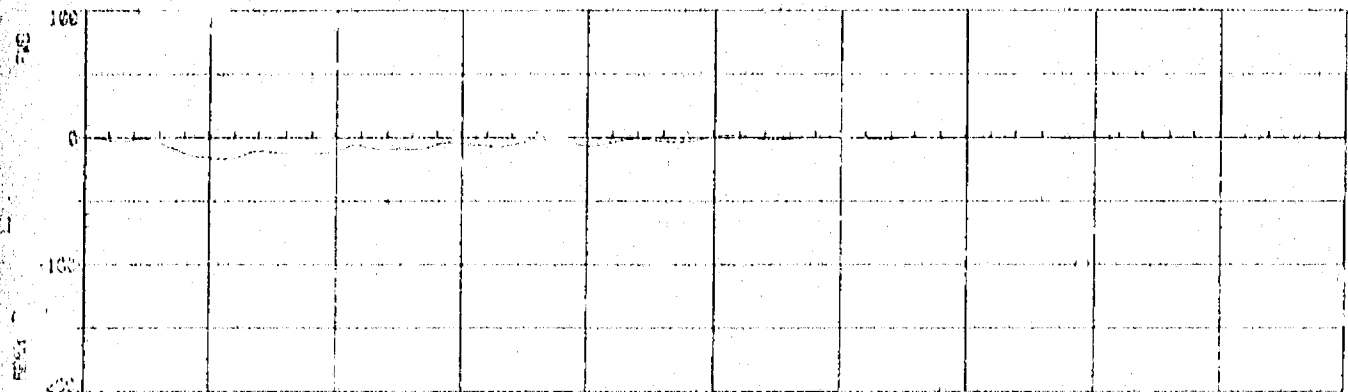
TEST NO. 1540  
TEST DATE 9-30-82  
MODEL 13

MOVABLE BARRIER  
DECELERATION (G)  
SAE J211 FILTER CLASS 600



TEST NO. 1540  
TEST DATE 9-30-82  
NO. 1111

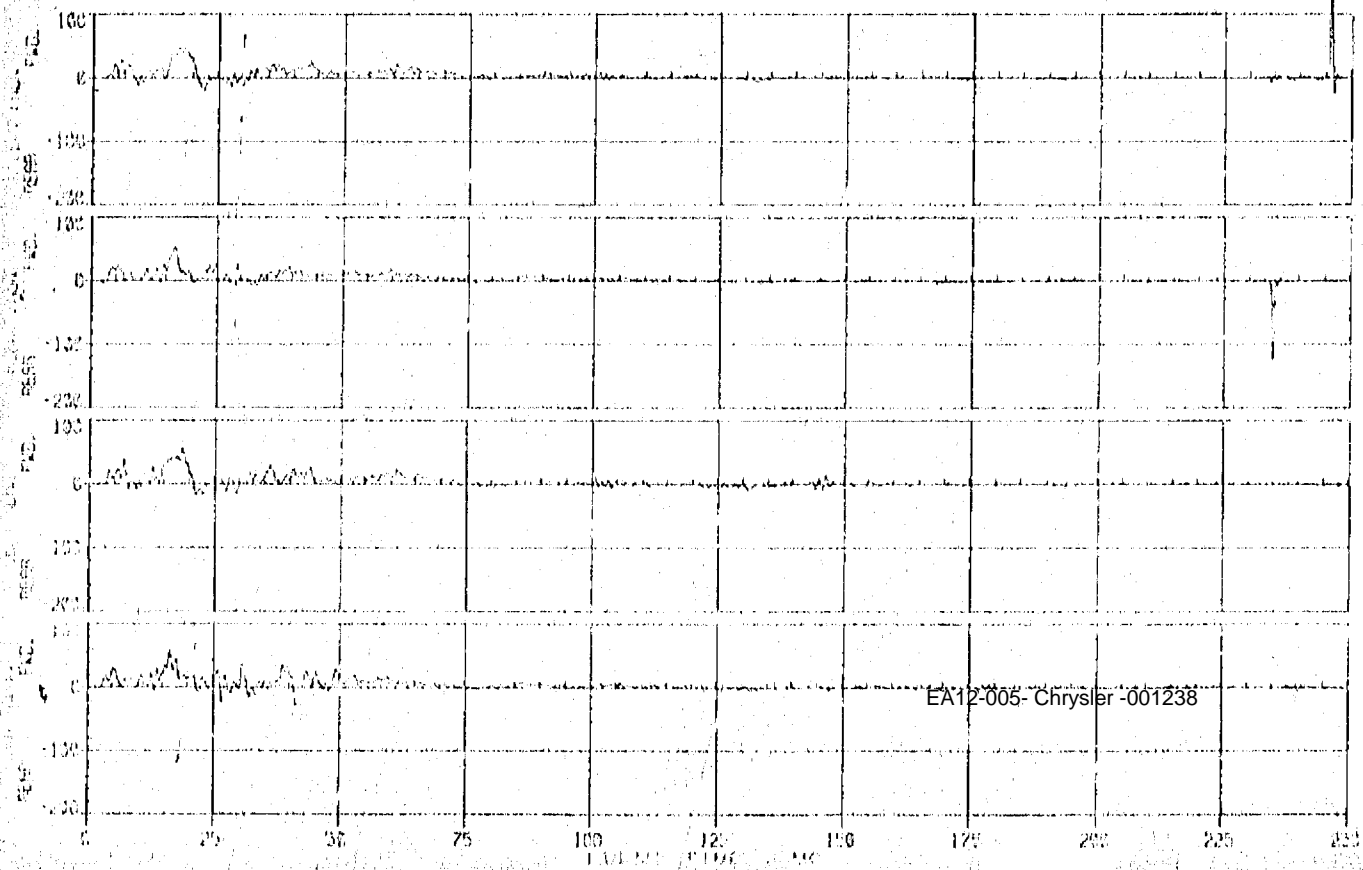
MOVABLE BARRIER  
DECELERATION (G)  
SAE J211 FILTER CLASS 60



EA12-005-Chrysler-001237

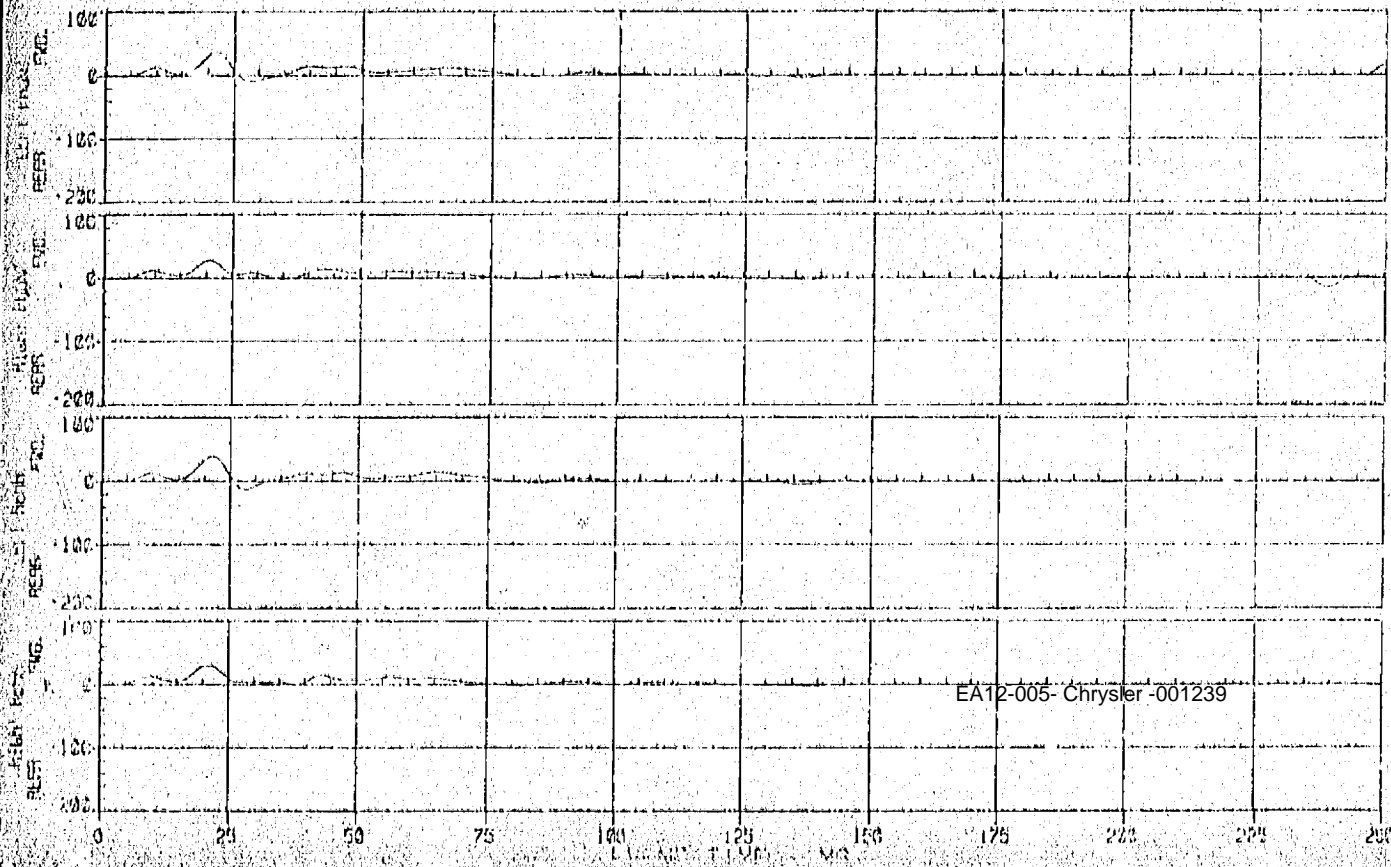
TEST NO. 1540  
TEST DATE 3-30-82  
MODEL 13

CHASSIS  
COMPONENT ACCELERATION (G)  
SAE J201 FILTER CLASS 600



TEST NO. 1500  
TEST DATE 9-30-82  
MODEL 13

CHASSIS  
COMPONENT ACCELERATION (G)  
SER J211 FILTER CLASS 60



EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1573 photos

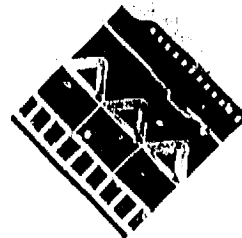


Image Source Inc

801 Front Street

Toledo, Ohio 43605

419-447-1111



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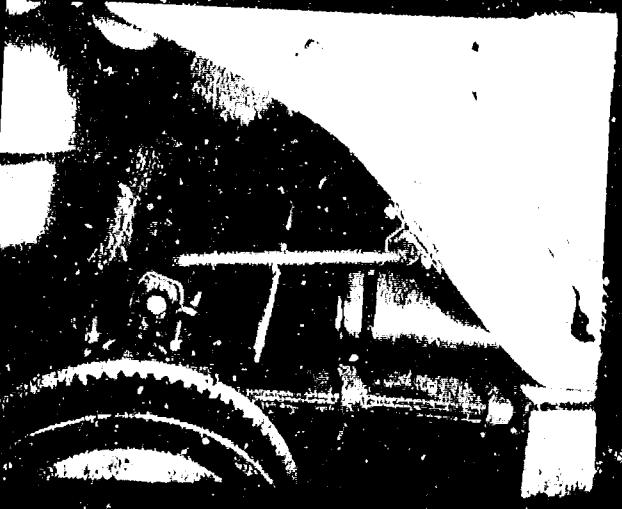
Date 4 6 1995  
Month Day

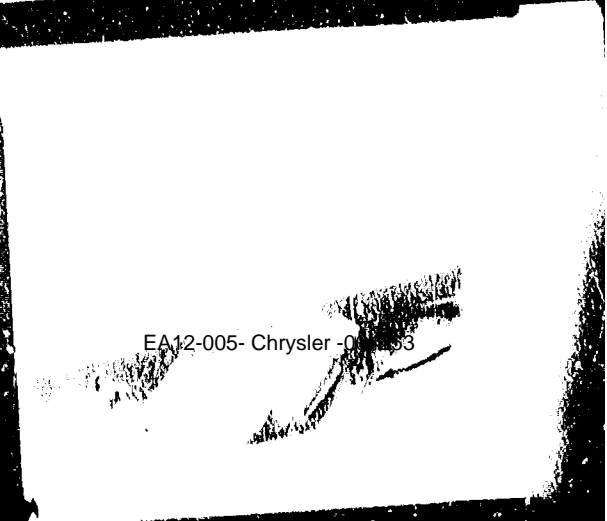
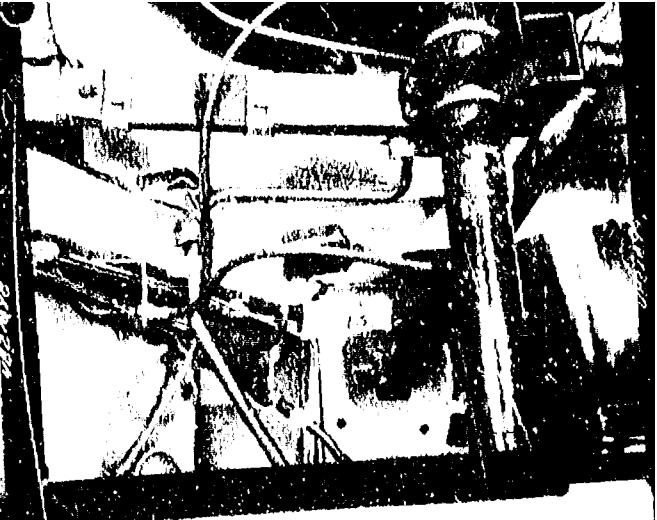
Thomas J. Carder  
Signature

Place Toledo Ohio  
City State

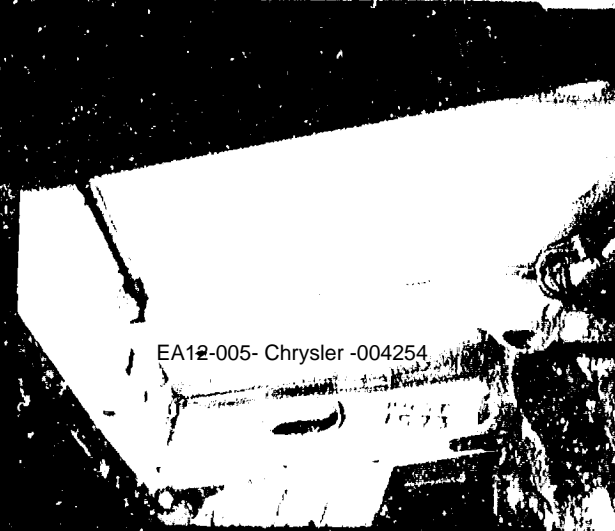
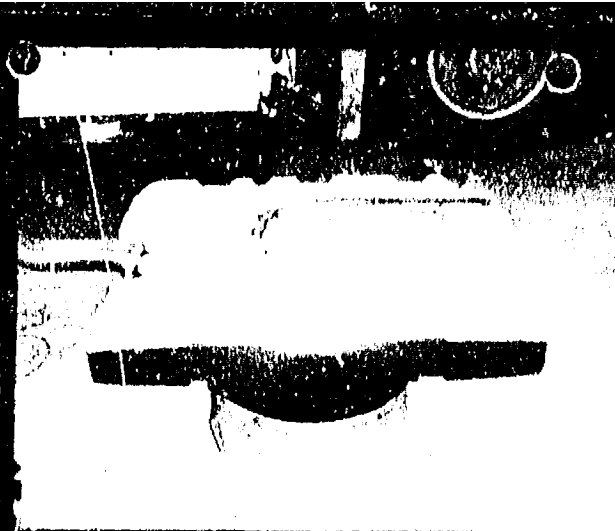
Camera Operator EA12-0075 Chrysler 004251  
Title

801 Front  
Location

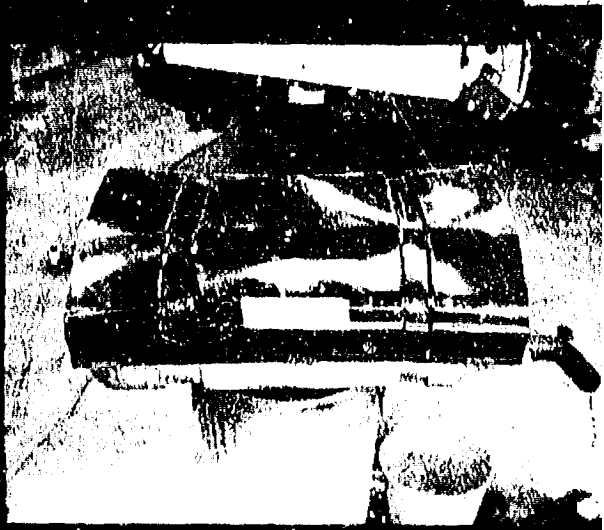
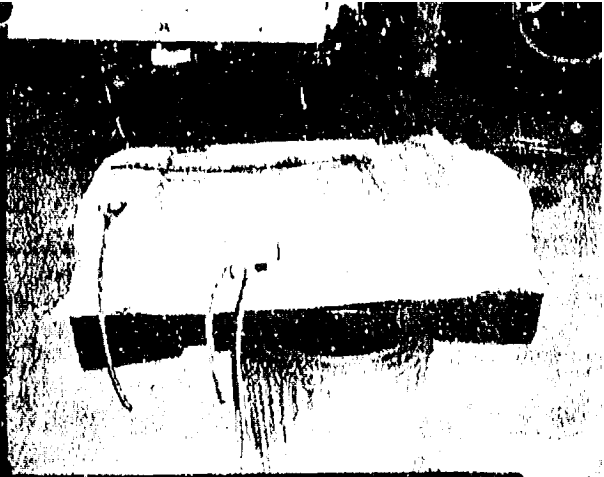


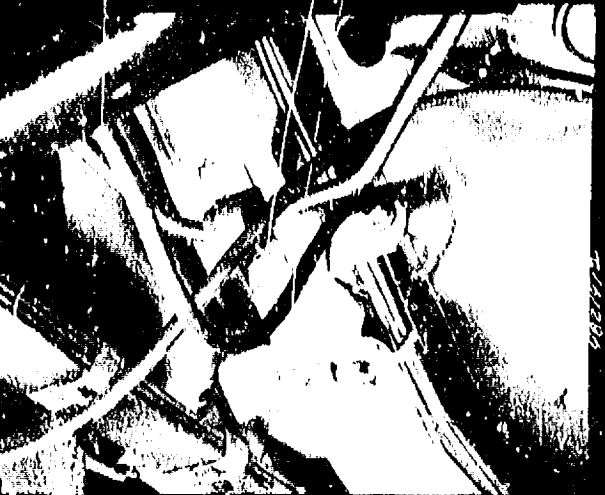
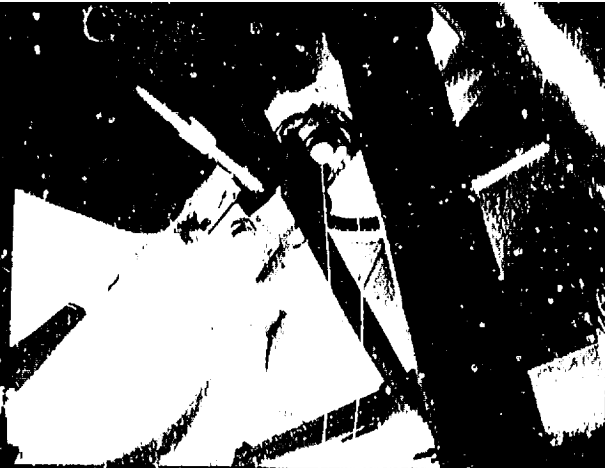


EA12-005- Chrysler -0 3



EA12-005- Chrysler -004254





EA12-005 Chrysler-004256

EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1573-1 Public

Image Source Inc.

801 Front Street

Toledo Ohio 43605

419/697-1111



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It is the policy of this organization to microfilm and dispose of original records in accordance with customer authorization or as part of the planned organizational operation procedure.

Date 12 13 1994  
Month Day  
Place Toledo Ohio  
City State

Thomas J. Carder  
Signature  
EA12-005-Chrysler -001240  
Camera Operator  
Title  
801 Front St.  
Location



SAFETY TEST - SUMMARY SHEET

Signature 207

TYPE OF TEST 30 MPH CORP. REAR IMPACT - MOVABLE BARRIER TEST NO. 1473  
 MODEL TESTED 837B ENGINE TYPE AFC 14 TEST DATE 12-9-82  
 TESTED FOR 847B MODEL 4 DR 1981 YEAR 1984 TEST SPEED 20.3 MPH  
 REQUESTED BY L. O. BAKER TEST WEIGHT 4100 LBS.  
 REFERENCE WRITTEN TEST REQUEST DATED 11-10-82

TEST OBJECTIVE: 1984 PRE-CERTIFICATION TEST TO DEMONSTRATE COMPLIANCE TO FMVSS 201.

VEHICLE DESCRIPTION:

SUMMARY OF RESULTS

SFAM NO.	PASSED		DATA SUMMARY	DATA REFERENCE
	YES	NO		
-			VEHICLE CRUSH - INCHES	
14174			STG COL MAX INTRU. - INCHES	
14173			WINDSHIELD - PERCENT RETENTION	
14187			LUMPERS	
14216			WINDSHIELD ZONE INTRUSION	
14046	X		FUEL SYSTEM INTEGRITY	
			FMVSS 201 PASS <input type="checkbox"/> FAIL <input type="checkbox"/>	

COMMENTS: 2.6 OZ. BY WEIGHT PER MINUTE LEAKED FROM FILLER NECK SOLDER JOINT.

EA12-005- Chrysler -001241

TEST DIRECTOR T. R. HAYEK REPORTED BY R. H. KRUMH

TEST CO-ORDINATOR PJT DATE \_\_\_\_\_

## GENERAL VEHICLE DATA

TEST NO. 1573

TYPE OF TEST 30 MPH REAR. REAR IMPACT - MOVABLE BARRIER TEST DATE 12-9-62

ACTUAL SPEED 29.9 MPH ACTUAL MODEL TESTED 9478 TRANS. MANUAL

ENGINE AMC 14 I.D. NO. P-1 PLT. BLD. TOLEDO MODEL TESTED FOR 8479

SEAT TYPE:  FBSB  FBSB  INDIV  BUCKET  OTHER:

YEAR: SETTING: Midpoint which is forward of the rearmost position.

REAR SEAT

STEERING WHEEL:  Std.  Sport  Other SETTING STRAIGHT AHEAD

DESCRIPTION:

STEERING COLUMN TYPE:  Prod. E.A.  Other DESCRIPTION:FRONT BUMPER:  Conventional  E.A.  Other DESCRIPTION:REAR BUMPER:  Conventional  E.A.  Other DESCRIPTION:

WEIGHT TO SIMULATE: FRONT: 1952 REAR: 2148 TOTAL: 4000 LBS.

WEIGHTS: BALLAST 1150 LB @ REAR SEAT AREA DIMPLES LB

100 LB @ FRONT FLOOR FUEL 83 LB.

LB @ EQUIPMENT 10 LB.

TEST WEIGHT: FRONT 1952 LBS. REAR 2157 LBS. TOTAL 4109 LB

FENDER HEIGHTS: L.F. R.F. L.R. R.R.

(At Axle)

FUEL TANK FILLED TO 95 % ( 12.8 gal.) OF RATED CAPACITY ( 13.5 gal.)

COMMENTS

EA12-005- Chrysler -001242

SAFETY TEST DIRECTOR T. R. HAYEK

SAFETY TEST COORDINATOR JTS DATE

SEAM - 14046

TEST NO. 1573

MODEL 8378

TEST TYPE 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER TEST DATE 12-8-82

Fuel spillage in the 5 minute period following cessation of vehicle motion after impact. (Total) NONE

Fuel spillage during subsequent 25 minute period. (Total) NONE

During the 25 minute period, did the spillage exceed one ounce by weight during any one minute interval? Yes  No

COMMENTS: 2.6 OZ. BY WEIGHT PER MINUTE LEAKED FROM  
FILLER NECK SOLDER JOINT ON R - 90° POST TEST  
ROLLOVER. TEST STOPPED.

Checked by: J. P. MCCARTHY

Did this vehicle meet or exceed performance criteria of A.H. Spec. 14046?

Yes  No

EA12-005- Chrysler -001243

# Pre-Test Modification Sheet

TEST NO. 1573

CAR NO. P-1 TEST TYPE 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER

DATE 12-7-82 MECHANIC \_\_\_\_\_ RECEIVED BY D. A. SPYTHAN

ACTUAL TEST WT. (LBS.): FRT. 1952 REAR 2157 TOTAL 4109 DUMMIES USED NONE

WEIGHTS: BALLAST 1150 LB. @ REAR SEAT AREA DUMMIES \_\_\_\_\_ LB.

100 LB. @ FRONT FLOOR FUEL 83

\_\_\_\_\_ LB. @ \_\_\_\_\_ EQUIPMENT 10 LB.

FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.S. \_\_\_\_\_ R.R. \_\_\_\_\_

FUEL TANK FILLED TO 95 % (12.8 gal.) OF RATED CAPACITY (13.5 gals.)

PART NUMBER	PART NAME	DESCRIPTION
		[ ]

EA12-005- Chrysler -001244

TYPE OF TEST: 10 MPH PERP. REAR IMPACT - MOVABLE BARRIER TEST NO. 1 1979

TEST DATE: 12-8-82

TEST SPEED: DESIRED 30.0 MPH. TIME 11:50 AM TRAP 29.8 MPH

INSTRUMENT CONTINUITY ALL INSTRUMENTATION RAN LASER MPH

CAMERAS ALL CAMERAS RAN

BEATS

DUMMIES

FUEL SYSTEM

SPARE TIRE AND JACK SPARE TIRE REMAINED SECURE, NO JACK USED FOR TEST,  
SPARE TIRE HOLD DOWN BRACKET STARTED TO CRACK AT

BRAKE LINE.

OTHER COMMENTS

EA12-005- Chrysler -001245

INSPECTED BY J. P. MCCARTHY TEST DIRECTOR

PRE-CRASH  
 POST CRASH

ROLL OVER TEST REPORT

TYPE OF TEST 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER TEST NO. 1673  
 MODEL TESTED 847B ENGINE AMC 4 TRANS. MANUAL TEST DATE 11-29-82  
 TESTED FOR 847B V.I.H. OR I.D. P-1 PLANT BUILT TOLEDO

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> CAT. REMOVED     | <input type="checkbox"/> AIR CLEANER ON                         |
| <input checked="" type="checkbox"/> COOLANT DRAINED  | <input type="checkbox"/> FUEL SYSTEM DRAINED                    |
| <input checked="" type="checkbox"/> ENG. OIL DRAINED | <input type="checkbox"/> VENT SYSTEM DRAINED                    |
| <input checked="" type="checkbox"/> HOOD REMOVED     | <input type="checkbox"/> TANK TO 95% CAP.<br>W/STANDARD SOLVENT |

COMMENTS

Time duration from barrier impact until start of static rollover test. \_\_\_\_\_  
 Time duration to rotate vehicle through 90 degrees; 3 minutes.

<p><input checked="" type="checkbox"/> 0-90° RT. SIDE DOWN - CLOCKWISE</p> <p>① NO LEAKS</p>	<p><input checked="" type="checkbox"/> 0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</p> <p>① NO LEAKS</p>
<p>② 1ST MIN. NO LEAKS          ③ 2ND MIN. NO LEAKS          ④ 3RD MIN. NO LEAKS</p>	<p>② 1ST MIN. NO LEAKS          ③ 2ND MIN. NO LEAKS          ④ 3RD MIN. NO LEAKS</p>
<p><input checked="" type="checkbox"/> 90-180° UPSIDE DOWN</p> <p>① NO LEAKS</p>	<p><input checked="" type="checkbox"/> 90-180° UPSIDE DOWN</p> <p>① NO LEAKS</p>
<p>② 1ST MIN. NO LEAKS          ③ 2ND MIN. NO LEAKS          ④ 3RD MIN. NO LEAKS</p>	<p>② 1ST MIN. NO LEAKS          ③ 2ND MIN. NO LEAKS          ④ 3RD MIN. NO LEAKS</p>
<p><input checked="" type="checkbox"/> 180-270° LEFT SIDE DOWN</p> <p>① NO LEAKS</p>	<p><input checked="" type="checkbox"/> 180-270° RIGHT SIDE DOWN</p> <p>① NO LEAKS</p>
<p>② 1ST MIN. NO LEAKS          ③ 2ND MIN. NO LEAKS          ④ 3RD MIN. NO LEAKS</p>	<p>② 1ST MIN. NO LEAKS          ③ 2ND MIN. NO LEAKS          ④ 3RD MIN. NO LEAKS</p>
<p><input checked="" type="checkbox"/> 270-0° NORMAL ATTITUDE</p> <p>NO LEAKS</p>	<p><input checked="" type="checkbox"/> 270-0° NORMAL ATTITUDE</p> <p>NO LEAKS</p>

EA12-005- Chrysler -001246

- ① LEAKAGE FIRST 3 MINUTES (INCLUDING ROTATE)  
 ② LEAKAGE REMAINING 3 MINUTCS. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

REPORTED BY

D. F. CRICIANELLI

PRE-CRASH  
 POST CRASH









ROLL OVER TEST REPORT

TYPE OF TEST 30 MPH PCRP, REAR IMPACT - MOVABLE BARRIER TEST NO. 1573  
MODEL TESTED B37C ENGINE 4MC 14 TRAYS. MANUAL TEST DATE 12-6-92  
TESTED FOR B47B V.I.N. OR I.D. 6-1 PLANT BUILT TOLEDO

<input checked="" type="checkbox"/> BATT. REMOVED	<input checked="" type="checkbox"/> AIR CLEANER ON
<input checked="" type="checkbox"/> COOLANT DRAINED	<input checked="" type="checkbox"/> FUEL SYSTEM PRIMED
<input checked="" type="checkbox"/> ENG. OIL DRAINED	<input checked="" type="checkbox"/> VENT SYSTEM PURGED
<input checked="" type="checkbox"/> HOOD REMOVED	<input checked="" type="checkbox"/> TANK TO 95% CAP. W/STANDARD SOLVENT

COMMENTS

Time duration from barrier impact until start of static rollover test, 24 HRS.  
Time duration to rotate vehicle through 90 degrees; 3 minutes.

 <u>0-90° RT. SIDE DOWN - CLOCKWISE</u>  ①	 <u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u>  ① 2.6 OZ. BY WEIGHT PER MINUTE FROM FILLER NECK SOLDER JOINT. TEST STOPPED.
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. 2ND MIN. 3RD MIN.
 <u>90-180° UPSIDE DOWN</u>  ①	 <u>90-180° UPSIDE DOWN</u>  ①
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. 2ND MIN. 3RD MIN.
 <u>180-270° LEFT SIDE DOWN</u>  ①	 <u>180-270° RIGHT SIDE DOWN</u>  ①
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. 2ND MIN. 3RD MIN.
 <u>270-0° NORMAL ATTITUDE</u>	 <u>270-0° NORMAL ATTITUDE</u>

FA12-005-Chrysler-001247

① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

REPORTED BY D. S. CUCIARELLI

SEAM - 14046

TEST NO. 1573

MODEL 847R

TEST TYPE 30 MPH PERP. FRONT IMPACT - FIXED BARRIER TEST DATE 11-23-82

Fuel spillage in the 5 minute period following cessation of vehicle motion after impact. (Total) NONE

Fuel spillage during subsequent 25 minute period, (Total) NONE

During the 25 minute period, did the spillage exceed one ounce by weight at any one minute? Yes  No

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Checked by: J. P. McARTHY

Did this vehicle meet or exceed performance criteria of A.H. Spec. 14046? Yes  No



HIGH SPEED MOTION PICTURE ANALYSIS

TEST DATE: December 8, 1962

MODEL: 8378

TEST NO. 1573

TYPE OF TEST: Perpendicular Rear Impact --- Movable Barrier

ANALYZED SPEED: 29.1 M.P.H.

Note: Analysis for speed only --- vehicle was used in prior test (1567).

ANALYSIS BY: Alex Spiroff

EA12-005-Chrysler-001249  
DATE: December 21, 1962

TEST NO. 1573

WISCONSIN TEST CENTER  
SAFETY TESTING - INSTRUMENTATION DEPARTMENT

MODEL 0378

TEST DATE 12-8-82

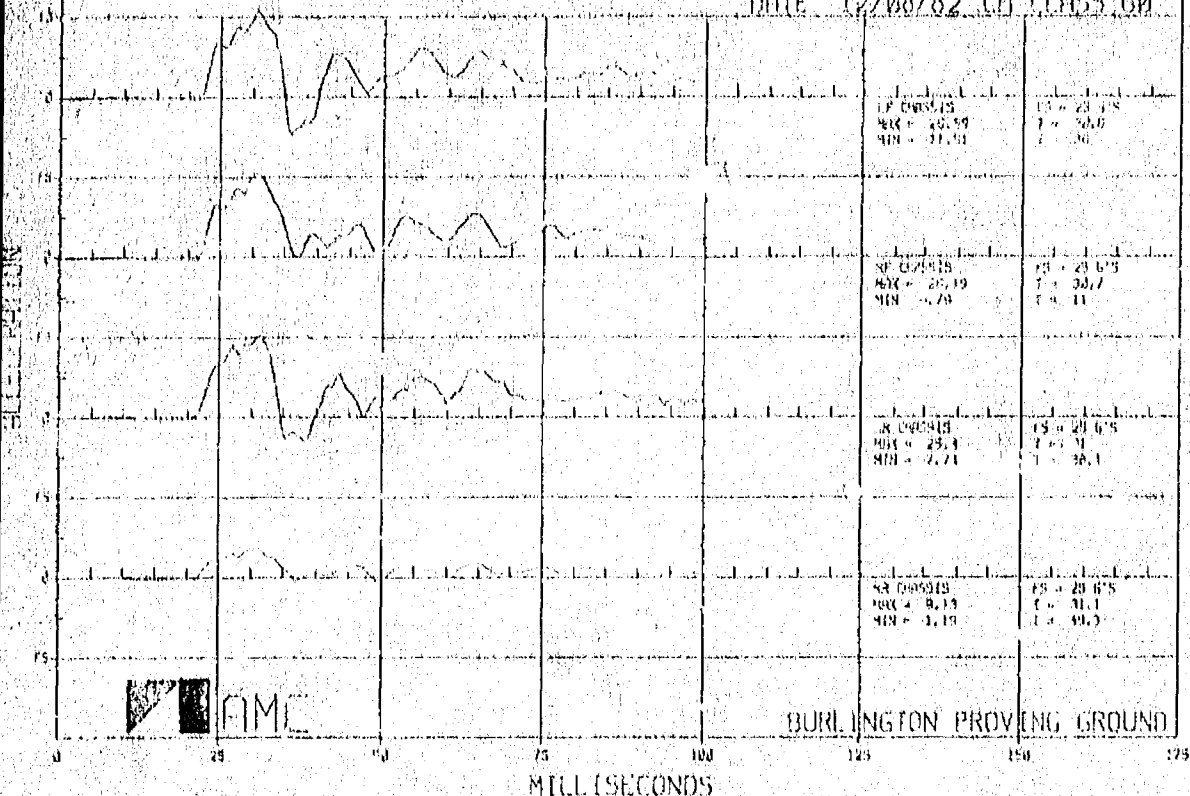
TESTED BY: H. HYATT P. KOPITZKE

APPROVED BY *James E. [Signature]* DATE 2-2-83

EA12-005- Chrysler -001250

# CHASSIS ACCEL

TEST# 1573  
 MODEL 8378  
 DATE 12/08/82 CH CLASS 00

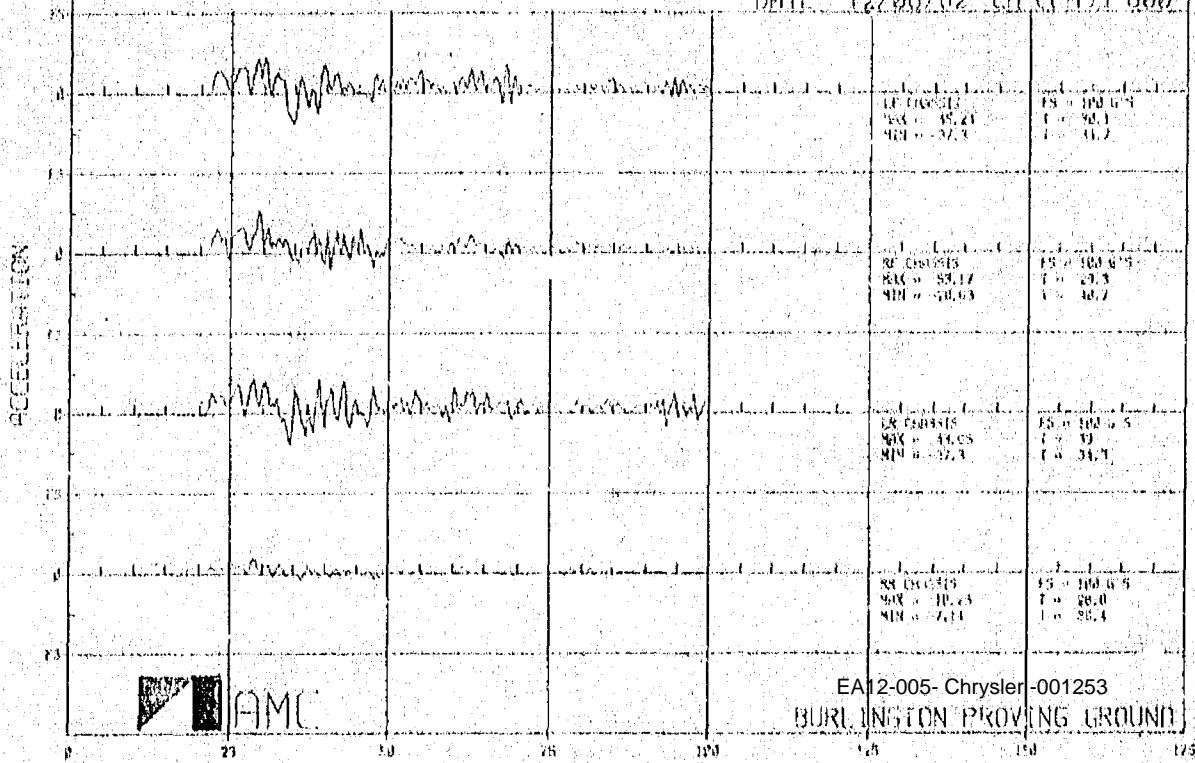


BURLINGTON PROVING GROUND



# CHASSIS ACCEL

TEST ID 1573  
 MODEL 8378  
 DATE 12/03/82 CH CLASS 000



PK CH0345  
 MAX = 05.21  
 MIN = -37.3

FS = 100 G'S  
 T = 30.1  
 I = 31.7

PK CH0345  
 MAX = 39.17  
 MIN = -50.63

FS = 100 G'S  
 T = 29.3  
 I = 30.7

PK CH0345  
 MAX = 44.08  
 MIN = -37.3

FS = 100 G'S  
 T = 31  
 I = 31.7

PK CH0345  
 MAX = 10.73  
 MIN = -7.14

FS = 100 G'S  
 T = 28.0  
 I = 28.4



EA 12-005- Chrysler -001253  
 BURLINGTON PROVING GROUND

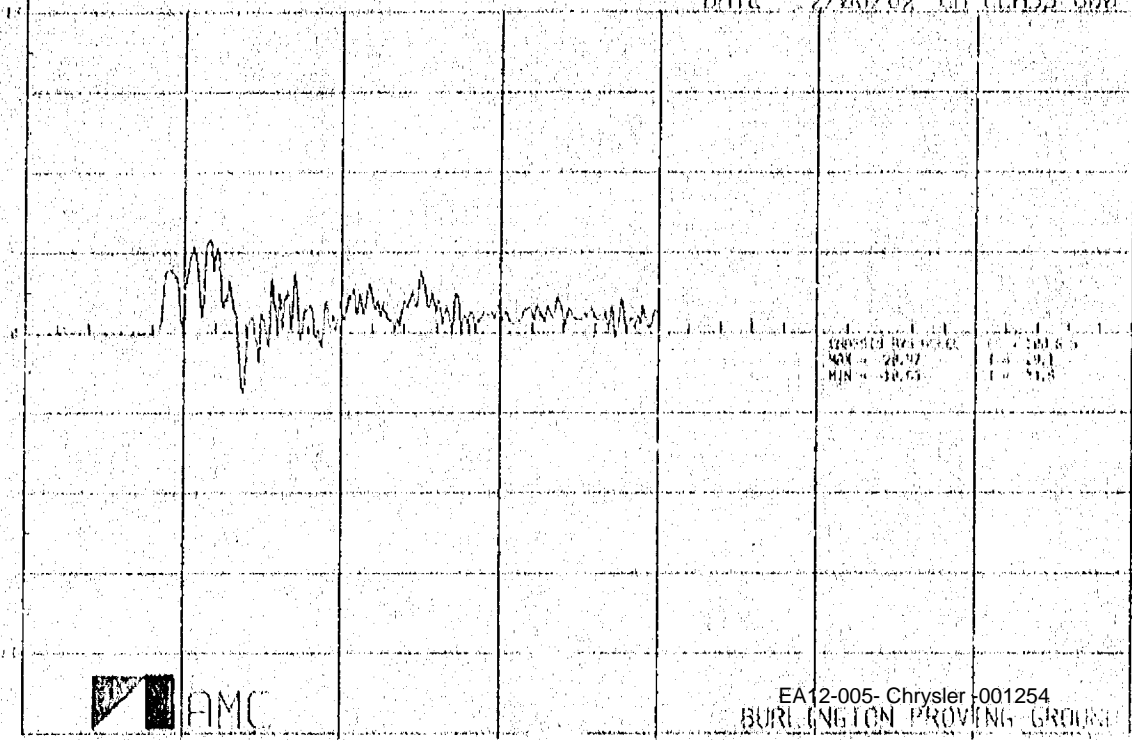
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MILLISECONDS

# CHASSIS AVG ACCEL

TEST # 1573  
MODEL B378  
DATE 12/06/82 CH CLASS 000

ACCELERATION



EA 12-005- Chrysler 001254  
BURLINGTON PROVING GROUND

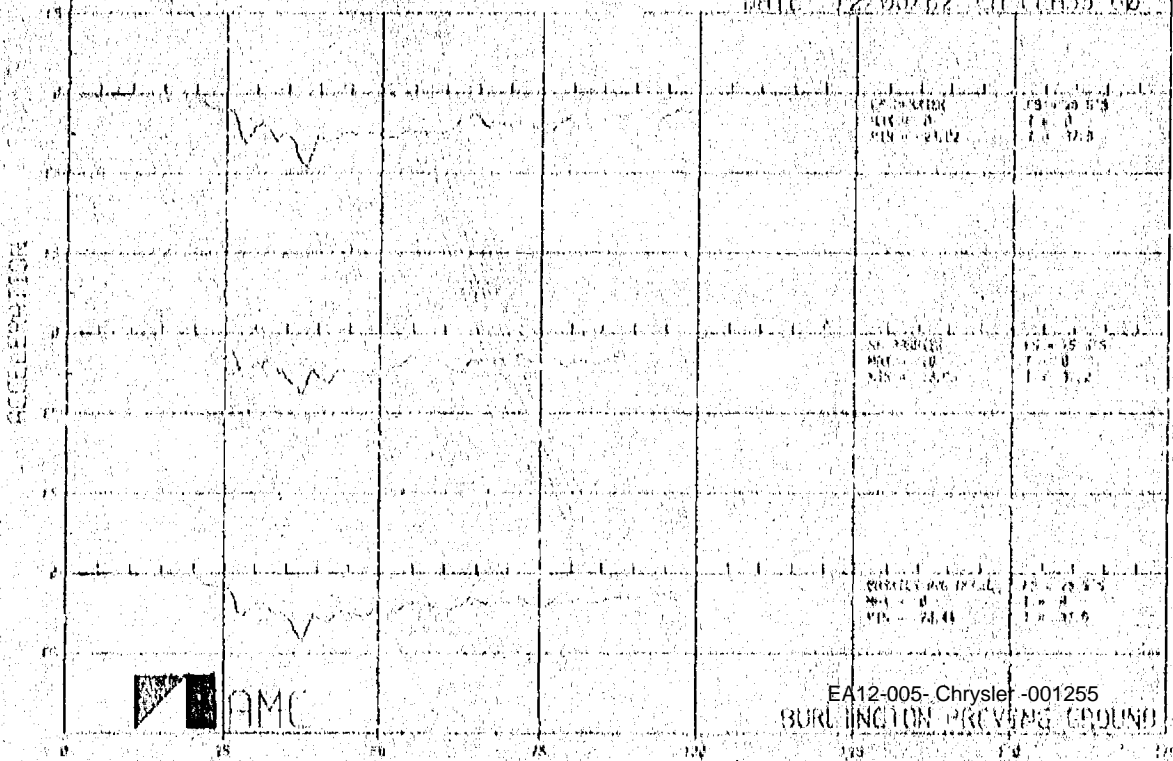
MILLI SECONDS

# BARRIER ACCEL

TEST # 1573

MODEL 8378

DATE 12/08/82 CH CLASS 60



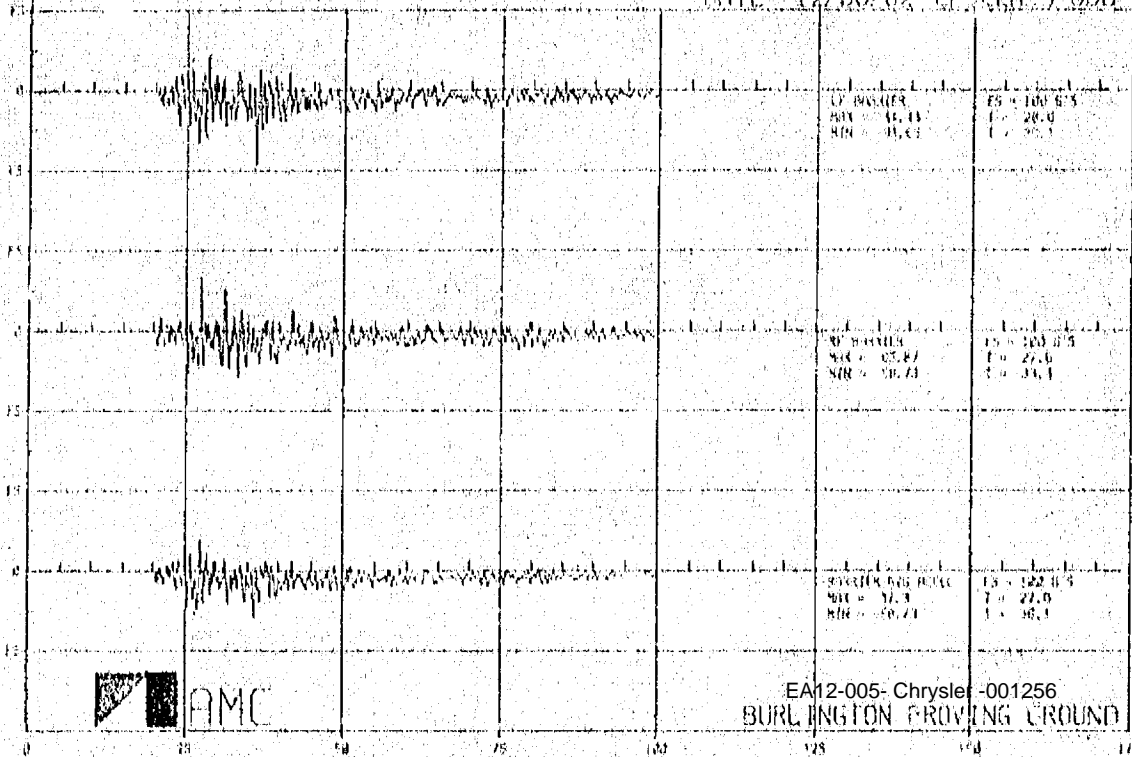
EA12-005- Chrysler -001255  
BURLINGTON PROVING GROUND

MILLISECONDS

# BARRIER ACCEL.

TEST# 1575  
 MODEL B378  
 DATE 12/08/82 CP CLASS 000

ACCELERATION



EA12-005- Chrysler -001256  
 BURLINGTON PROVING GROUND

MILLISECONDS



EA12-005- Chrysler -001257

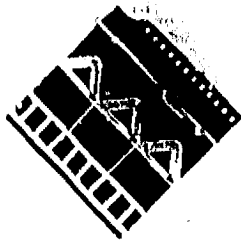
EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1581 photos

Image Source Inc.

801 Front Street

Toledo, Ohio 43006

419/477-1311



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Date 4 16 1995  
Month Day

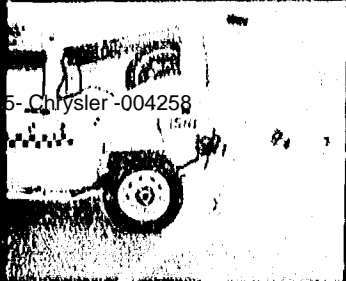
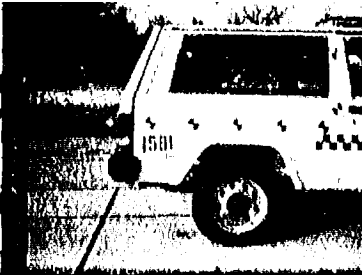
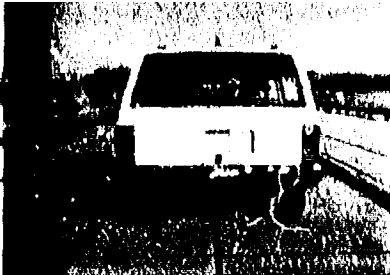
Theresa J. Crocker  
Signature

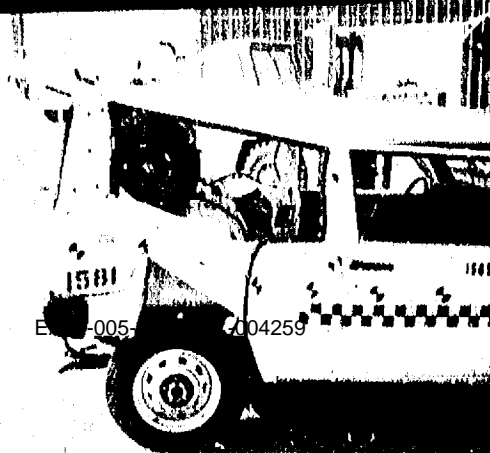
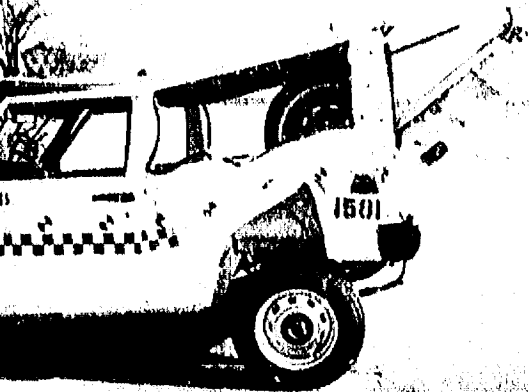
Place Toledo Ohio  
City State

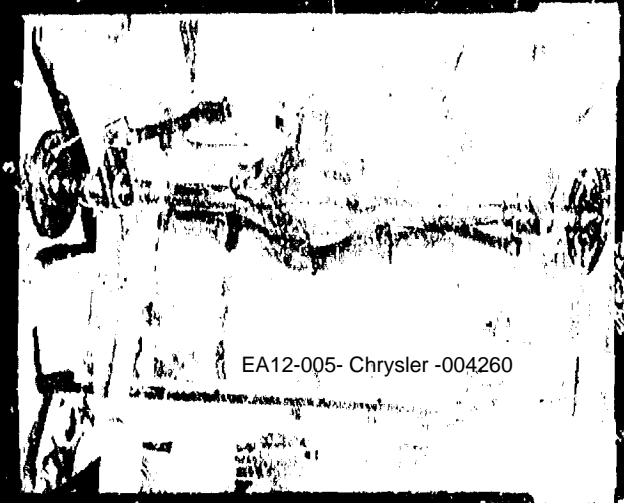
Carroll Operator  
Title

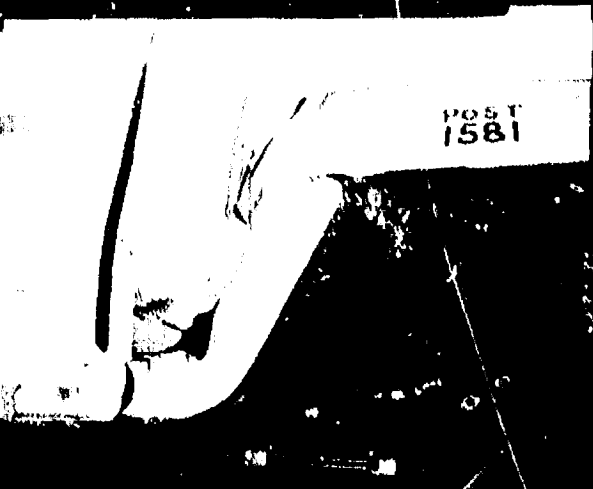
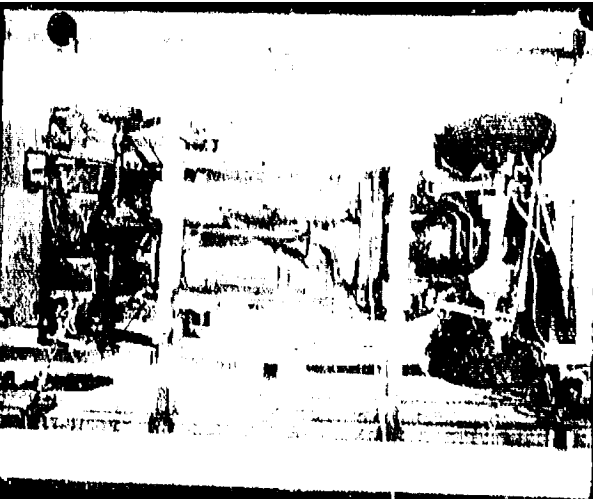
801 Front  
Location

EA12-005 Chrysler-004257









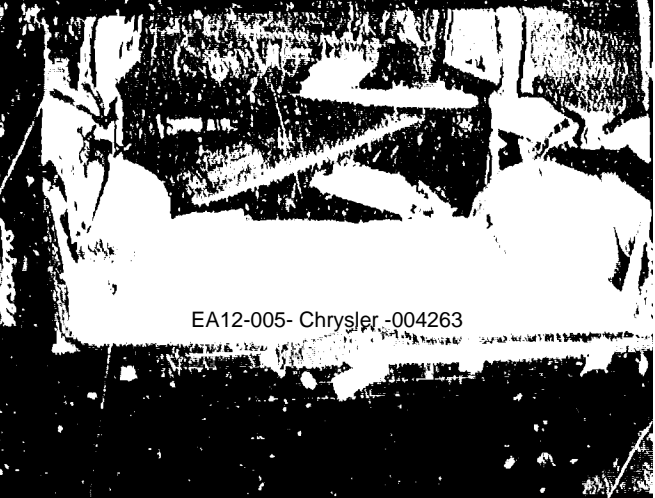
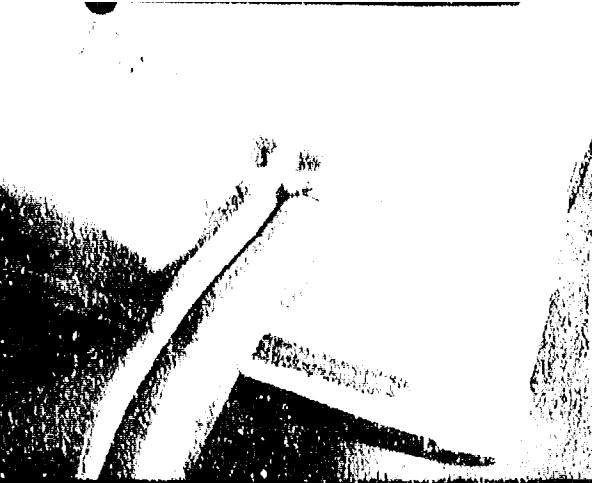
EA12-005- Chrysler -00426

Post  
1581

Post  
1581

015# Chrysler -004262

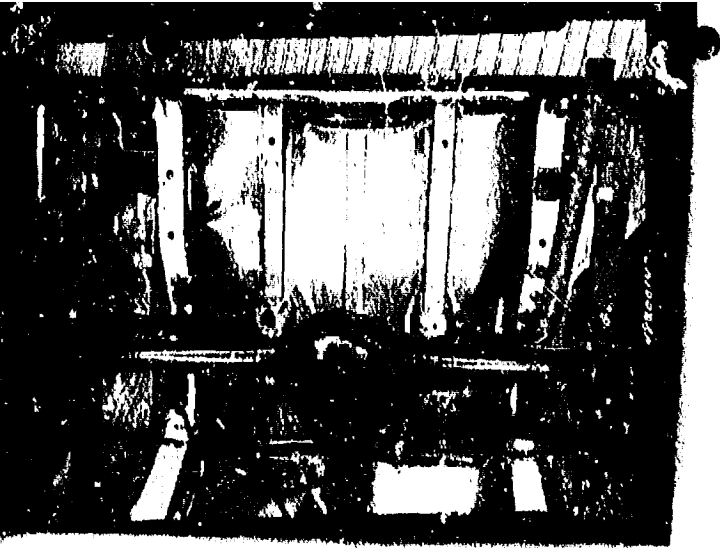




EA12-005- Chrysler -004263



EA12-005- Chrysler -004264



EA12-005- Chrysler -004265

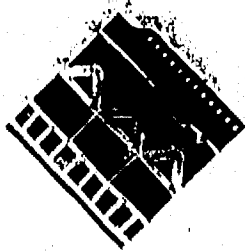
EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1581 Public

Image Source Inc.

801 Front Street

Toledo Ohio 43006

419/697-1111



DECLARATION OF INTENT AND PURPOSE

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Date 12 13 1994  
Month Day  
Place Toledo Ohio  
City State

Thomas J. Carder  
Signature  
EA12-005-Chrysler-001258  
Camera Operator  
Title  
801 Front St.  
Location

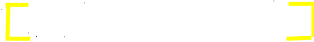
SAFETY TEST - PRIMARY SHEET

*Sage* 317

TYPE OF TEST 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER TEST NO. 1591  
 MODEL TESTED 0477 ENGINE TYPE AMC I-4 TEST DATE 1-20-83  
 TESTED FOR 0477 MODEL 2 DR WGN YEAR 1984 TEST SPEED 29.4 MPH  
 REQUESTED BY L. O. BAKER TEST HEIGHT 4010 LBS.  
 REFERENCE WRITTEN TEST REQUEST DATED 12-16-82

TEST OBJECTIVE: 1984 PRE-CERTIFICATION TEST TO DEMONSTRATE COMPLIANCE TO FMVSS 208.

VEHICLE DESCRIPTION:



SUMMARY OF RESULTS

SPEC. NO.	PASSED		DATA SUMMARY	DATA REFERENCE
	YLS	NO		
-			LEFT: 17.6 RIGHT: 15.7 VEHICLE CRUSH - INCHES	
14174			STG COL MAX INTRU. - INCHES	
14173			WINDSHIELD - PERCENT RETENTION	
14187			BUMPERS	
14216			WINDSHIELD ZONE INTRUSION	
14046	X		FUEL SYSTEM INTEGRITY	
			FMVSS 208 N/A PASS <input type="checkbox"/> FAIL <input type="checkbox"/>	

COMMENTS: POST TEST ROLL OVER 0-90°:  
 11.2 OZ. BY WEIGHT LEAKED FROM FILLER NECK TUBE ON FUEL TANK.

TEST DIRECTOR T. R. HAYEK *Thomas R. Hayek* REPORTED BY P. H. KRAHN  
 TEST CO-ORDINATOR *DAT* DATE \_\_\_\_\_

EA12-005- Chrysler -001259

GENERAL VEHICLE DATA SHEETTYPE OF TEST 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER TEST DATE 1-20-83ACTUAL SPEED 29.0 MPH ACTUAL MODEL TESTED 8477 TRANS. MANUALENGINE AMC I-4 I.D. NO. P-15 PLT. HLT. TOLEDO MODEL TESTED FOR 8477SEAT TYPE:  FFRB  FBSB  INDIV  BUCKET  OTHER: NO SEATSYEAR: \_\_\_\_\_ SETTING: Midpoint which is \_\_\_\_\_ forward of the rearmost position.

REAR SEAT \_\_\_\_\_

STEERING WHEEL:  Std.  Sport  Other SETTING STRAIGHT AHEAD

DESCRIPTION: \_\_\_\_\_

STEERING COLUMN TYPE:  Prod. E.A.  Other DESCRIPTION: \_\_\_\_\_FRONT BUMPER:  Conventional  E.A.  Other DESCRIPTION: \_\_\_\_\_REAR BUMPER:  Conventional  E.A.  Other DESCRIPTION: \_\_\_\_\_WEIGHT TO SIMULATE: FRONT: 1911 LBS. REAR: 2111 LBS. TOTAL: 4022 LBS.WEIGHTS: BALLAST 1200 LB @ FLOOR PA'1 DUMMIES \_\_\_\_\_ LB125 LB @ UNDER HOOD FUEL 124 LB.LB @ \_\_\_\_\_ EQUIPMENT 15 LB.TEST WEIGHT: FRONT 1894 LBS. REAR 2124 LBS. TOTAL 4018 LBFRAME TO TOP OF AXLE L.R. 4.5" R.R. 4.5"FUEL TANK FILLED TO 95 % ( 19.2 gal.) OF RATED CAPACITY ( 20.2 gal.).

COMMENTS \_\_\_\_\_

FA12-005-Chrysler-001260

SAFETY TEST DIRECTOR T. R. HAYEK *Thomas R. Hayek*SAFETY TEST COORDINATOR BJJ DATE \_\_\_\_\_

# Pre-Test Modification Sheet

TEST NO. 1581

CAR NO. P-15 TEST TYPE 30 MPH PERP. REAR IMPACT MOVABLE BARRIER

DATE 1-19-83 MECHANIC \_\_\_\_\_ REQUESTED BY D. A. SPYMAN

ACTUAL TEST WT. (LBS.): FRT. 1894 LB. REAR 4018 LB. TOTAL 4018 LB. DUMMIES USED NONE

WEIGHTS: BALLAST 1200 LB. @ FLOOR PAN DUMMIES \_\_\_\_\_ LB.

125 LB. @ UNDER HOOD FUEL 124 LB.

\_\_\_\_\_ LB. @ \_\_\_\_\_ EQUIPMENT 1E LB.

FRONT TO TOP OF AXLE \_\_\_\_\_ L.R. 4.5" R.R. 4.5"

FUEL TANK FILLED TO 95 % ( 19.2 gal ) OF RATED CAPACITY ( 20.2 gals )

PART NUMBER	PART NAME	DESCRIPTION
		[ ]

EA12-005- Chrysler -001261



CRASH TEST - GENERAL ON-SITE RESULTS

TYPE OF TEST: 30 MPH PERP. REAR IMPACT - MOVABLE BARRIER TEST NO.: 1501

TEST DATE: 1-20-83

TEST SPEED: DESIRED 30.2 MPH TIME 11:01 AM TRAP 29.4 MPH

INSTRUMENT CONTINUITY ALL INSTRUMENTATION RAN. LASER 29.4 MPH

CAMERAS ALL CAMERAS RAN.

SEATS NO SEATS USED.

DUMMIES NO DUMMIES USED.

FUEL SYSTEM

SPARE TIRE AND JACK SPARE TIRE REMAINED IN SECURED POSITION.

OTHER COMMENTS

EA12-005- Chrysler -001262

INSPECTED BY J. P. MCCARTHY TEST DIRECTOR

SFAM - 14046

TEST NO. 1581

MODEL 3477

TEST TYPE 30 MPH FRP. REAR IMPACT MOVABLE BARRIER

TEST DATE 1-20-33

Fuel spillage in the 5 minute period following cessation of vehicle motion after impact. (Total)

NONE

Fuel spillage during subsequent 25 minute period. (Total)

NONE

During the 25 minute period, did the spillage exceed one ounce by weight during any one minute interval?

Yes

No

COMMENTS: POST TEST ROLL OVER 0-90°:

11.2 OZ. BY WEIGHT LEAKED FROM FILLER

NECK TUBE ON FUEL TANK (1 MIN. 40 SEC.),

TEST STOPPED.

Checked by: J. P. MCCARTHY

Did this vehicle meet or exceed performance criteria of A.H. Spec. 14046?

Yes

No

EA12-005- Chrysler -001263

PRE-CRASH  
 POST CRASH









ROLL OVER TEST REPORT

TYPE OF TEST 30 MPH FRP, REAR IMPACT MOVABLE BARRIER TEST NO. 1501  
 MODEL TESTED RA77 ENGINE M/C I-4 TRANS. MANUAL TEST DATE 1-20-03  
 TESTED FOR RA77 V.I.N. OR I.D. P-15 PLANT BUILT TOLEDO

<input checked="" type="checkbox"/> BAT. REMOVED	<input checked="" type="checkbox"/> AIR CLEANER ON
<input checked="" type="checkbox"/> COOLANT DRAINED	<input checked="" type="checkbox"/> FUEL SYSTEM PRIMED
<input checked="" type="checkbox"/> ENG. OIL DRAINED	<input checked="" type="checkbox"/> VENT SYSTEM PURGED
<input checked="" type="checkbox"/> HOOD REMOVED	<input checked="" type="checkbox"/> TANK TO 95% CAP. W/STODDARD SOLVENT

COMMENTS

Time duration from barrier impact until start of static rollover test. \_\_\_\_\_  
 Time duration to rotate vehicle through 90 degrees: 3 minutes.

 <p><u>0-90° RT. SIDE DOWN - CLOCKWISE</u></p> <p>① NO LEAKS</p>	 <p><u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u></p> <p>① NO LEAKS</p>
<p>② 1ST MIN. 2ND MIN. 3RD MIN.</p>	<p>② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p>
 <p><u>90-180° UPSIDE DOWN</u></p> <p>① NO LEAKS</p>	 <p><u>90-180° UPSIDE DOWN</u></p> <p>① NO LEAKS</p>
<p>② 1ST MIN. 2ND MIN. 3RD MIN.</p>	<p>② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p>
 <p><u>180-270° LEFT SIDE DOWN</u></p> <p>① NO LEAKS</p>	 <p><u>180-270° RIGHT SIDE DOWN</u></p> <p>① NO LEAKS</p>
<p>② 1ST MIN. 2ND MIN. 3RD MIN.</p>	<p>② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p>
 <p><u>270-0° NORMAL ATTITUDE</u></p>	 <p><u>270-0° NORMAL ATTITUDE</u>          NO LEAKS</p>

EA12-005- Chrysler -001264

① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
 ② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

REPORTED BY U. F. CRUCIANELLI

PRE-CRASH  
 POST CRASH









ROLL OVER TEST REPORT

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST NO. 1591  
MODEL TESTED 0477 ENGINE AMC I-4 TRANS. MANUAL TEST DATE 1-10-03  
TESTED FOR 0477 V.I.N. OR I.O. P-15 PLANT BUILT TOLEDO

<input checked="" type="checkbox"/> BAT. REMOVED	<input checked="" type="checkbox"/> AIR CLEANER ON
<input checked="" type="checkbox"/> COOLANT DRAINED	<input checked="" type="checkbox"/> FUEL SYSTEM PRIMED
<input checked="" type="checkbox"/> ENG. OIL DRAINED	<input checked="" type="checkbox"/> VENT SYSTEM PURGED
<input checked="" type="checkbox"/> HOOD REMOVED	<input checked="" type="checkbox"/> TANK TO 95% CAP. W/STODDARD SOLVENT

COMMENTS

Time duration from barrier impact until start of static rollover test. 3 HRS.  
Time duration to rotate vehicle through 90 degrees: 3 minutes.

 <u>0-90° RT. SIDE DOWN - CLOCKWISE</u> ①	 <u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u> ① 11.2 OZ. BY WEIGHT FROM FILLER NECK TUBE ON FUEL TANK (1 MIN. 40 SEC.) TEST STOPPED
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. 2ND MIN. 3RD MIN.
 <u>90-180° UPSIDE DOWN</u> ①	 <u>90-180° UPSIDE DOWN</u> ①
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. 2ND MIN. 3RD MIN.
 <u>180-270° LEFT SIDE DOWN</u> ①	 <u>180-270° RIGHT SIDE DOWN</u> ①
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. 2ND MIN. 3RD MIN.
 <u>270-0° NORMAL ATTITUDE</u>	 <u>270-0° NORMAL ATTITUDE</u>

EA12-005- Chrysler -001265

① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

REPORTED BY D. F. CRUCIANELLI

HIGH SPEED MOTION PICTURE ANALYSIS

* TEST DATE: January 20, 1983	MODEL: 8377	TEST NO. 1591
TYPE OF TEST: Perpendicular Rear Impact --- Movable Barrier		
ANALYZED SPEED: 28.7 M.P.H.		

Note: This test vehicle was used in Test 1565 (Front Impact) prior to this test.

Maximum Crush of test vehicle was 17.6 inches at .078 seconds Left Side.

Maximum Crush of test vehicle was 15.7 inches at .078 seconds Right Side.

ANALYSIS BY: Alex Spiroff *[Signature]*

DATE: 12-05-83 Chrysler 1001286

TEST NO. 1591

WISCONSIN TEST CENTER  
SAFETY TESTING - INSTRUMENTATION DEPARTMENT

MODEL 8477

TEST DATE 1-20-83

TESTED BY: H. HYATT P. KOPITZKE

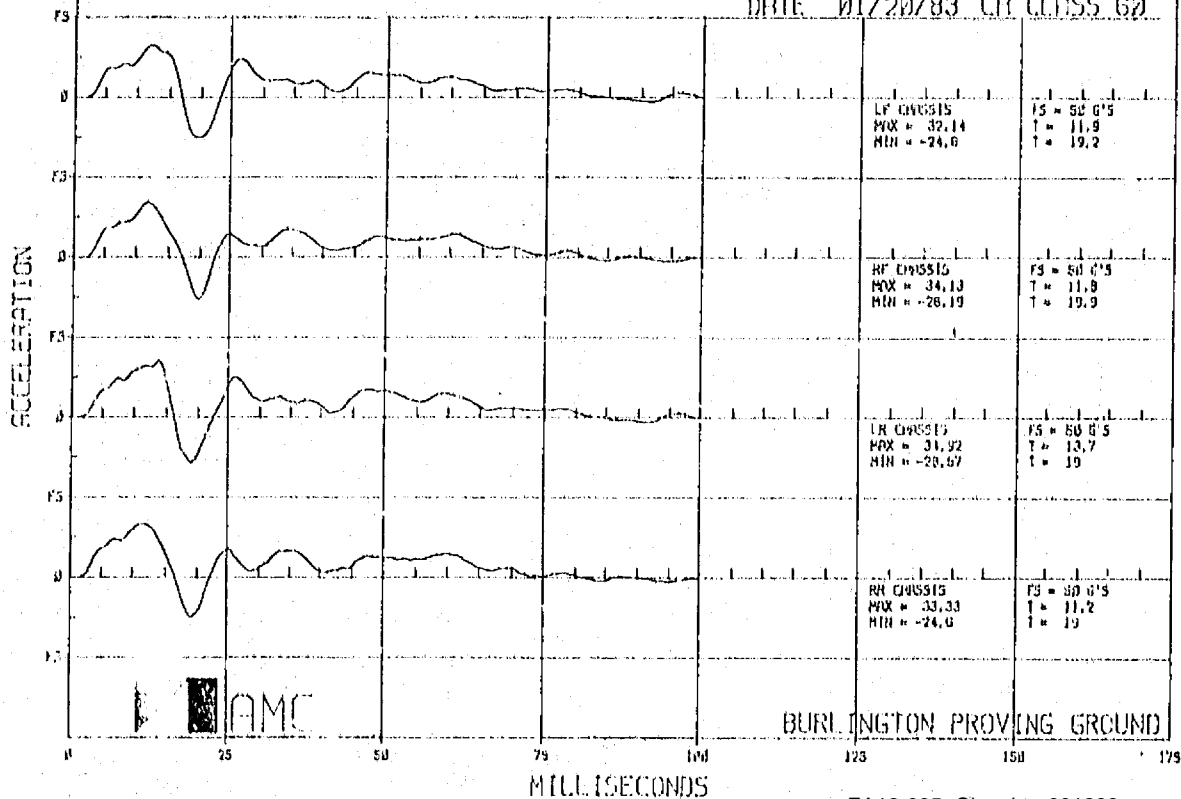
APPROVED BY *Shirley R. Hayes* DATE 1-20-83

# CHASSIS ACCEL.

TEST# 1581

MODEL 8377

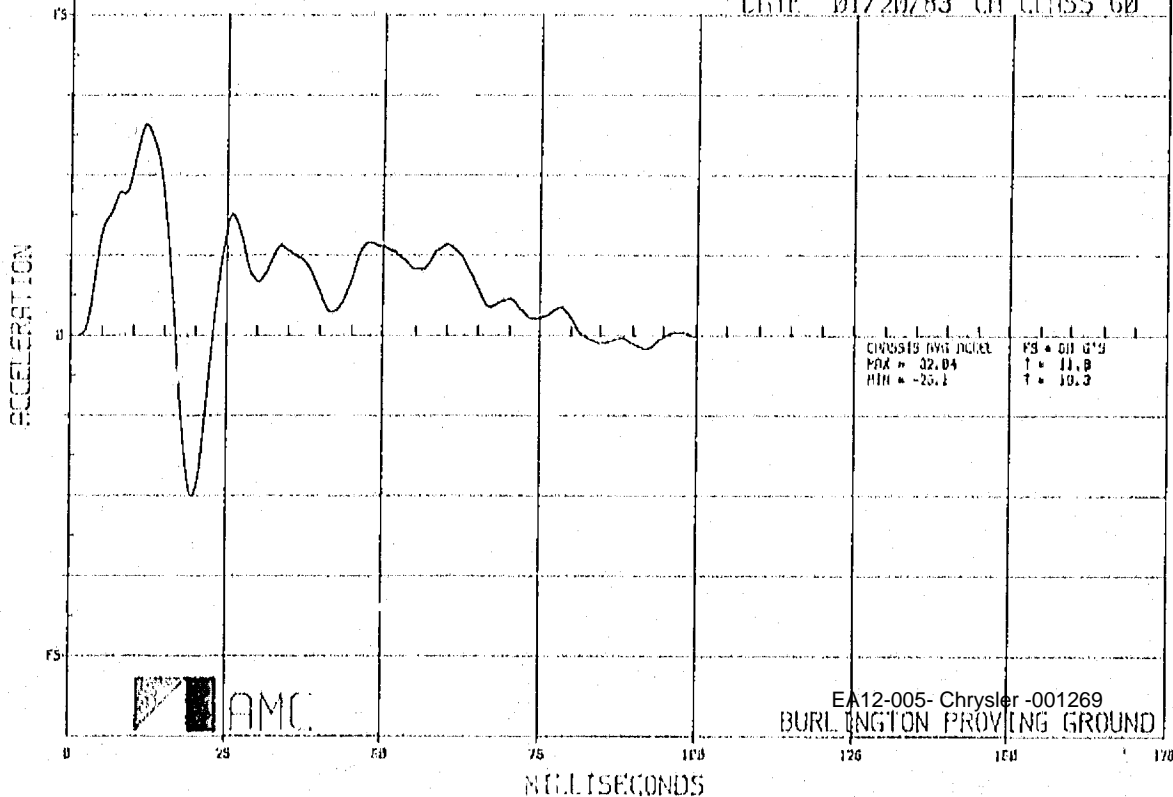
DATE 01/20/83 CR CLASS 60



EA12-005- Chrysler -001268

# CHASSIS AVG ACCEL

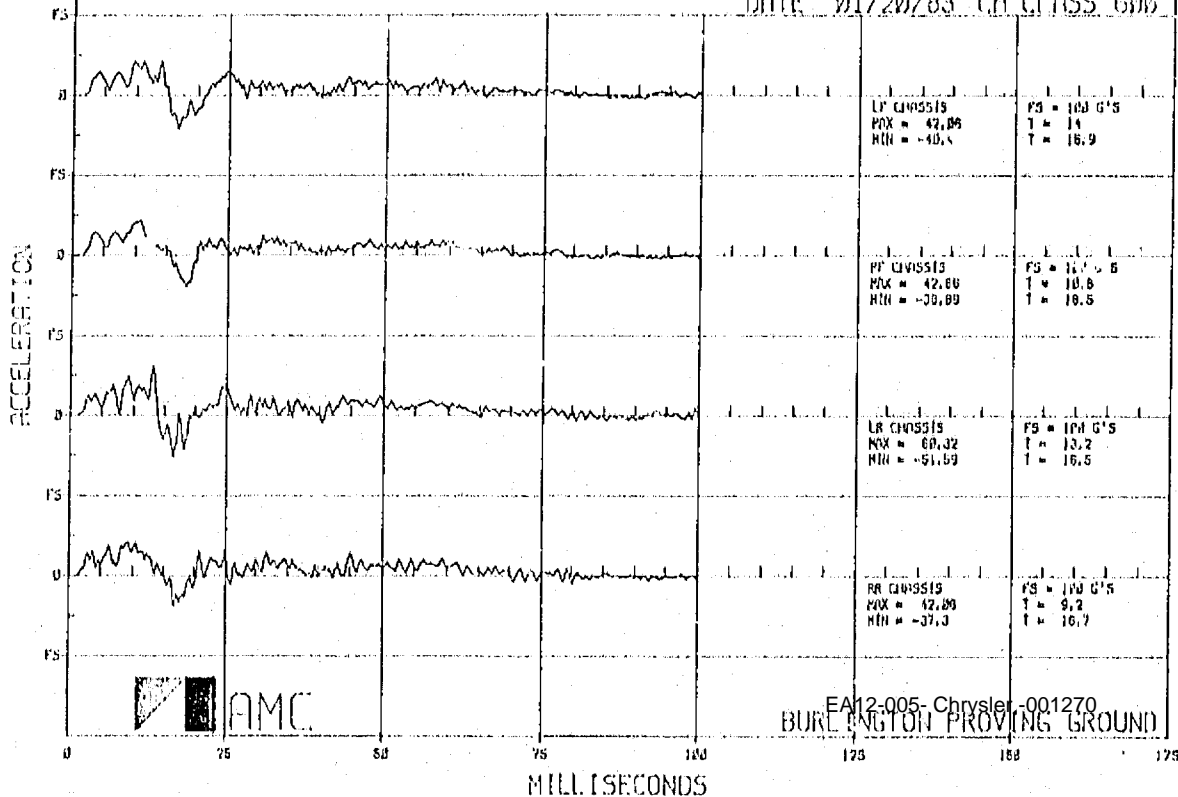
TEST# 1581  
MODEL 8377  
DATE 01/20/83 CH CLASS 60





# CHASSIS ACCEL

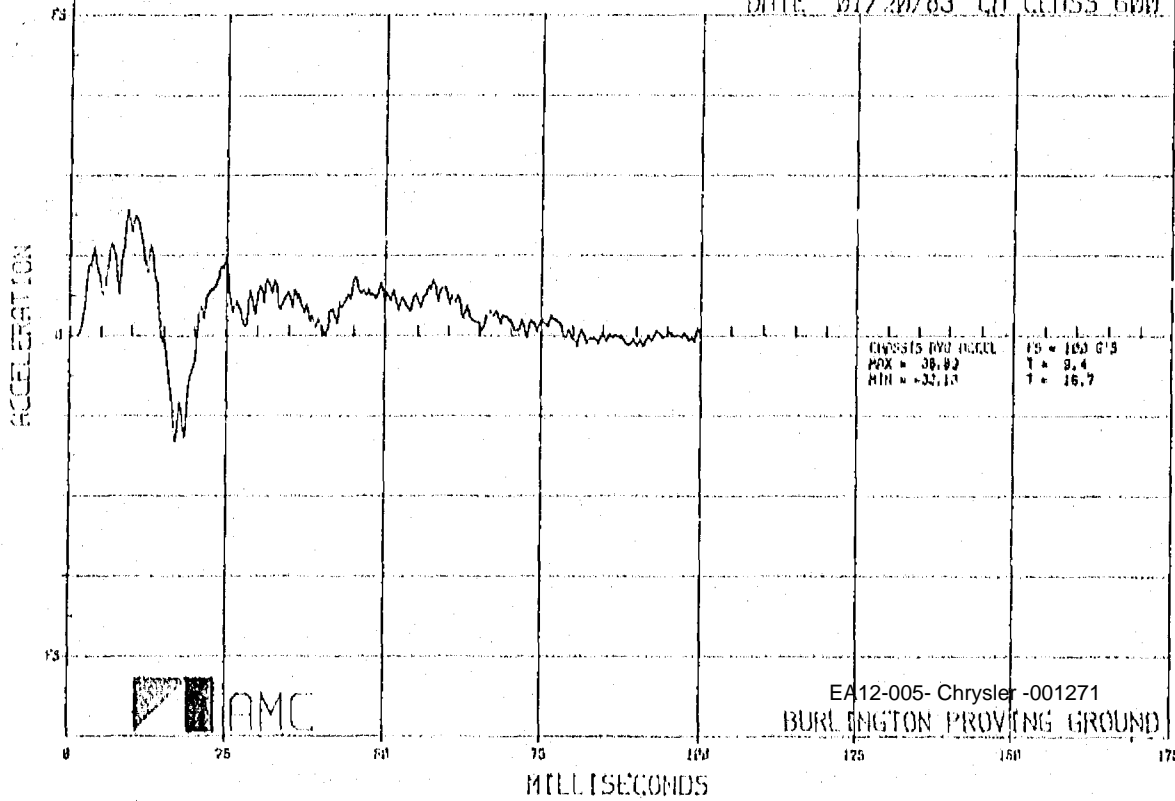
TEST# 1581  
 MODEL 8377  
 DATE 01/20/83 CH CLASS 600



EA12-005-Chrysler-001270  
 BURLINGTON PROVING GROUND

# CHASSIS AVG ACCEL

TEST# 1581  
MODEL 8377  
DATE 01/20/83 Q1 CLASS 600



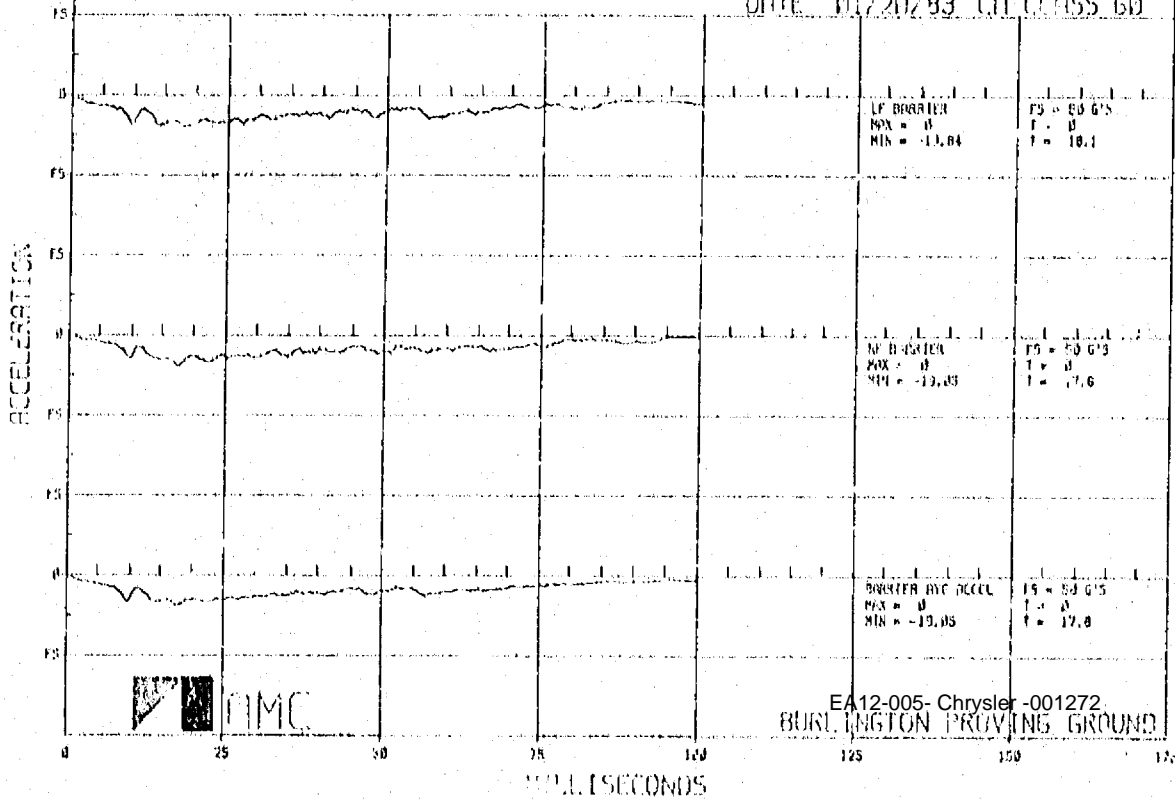
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BURLINGTON PROVING GROUND

# BARRIER ACCEL

TEST # 1581

MODEL 8377

DATE 01/20/83 CH CLASS 60



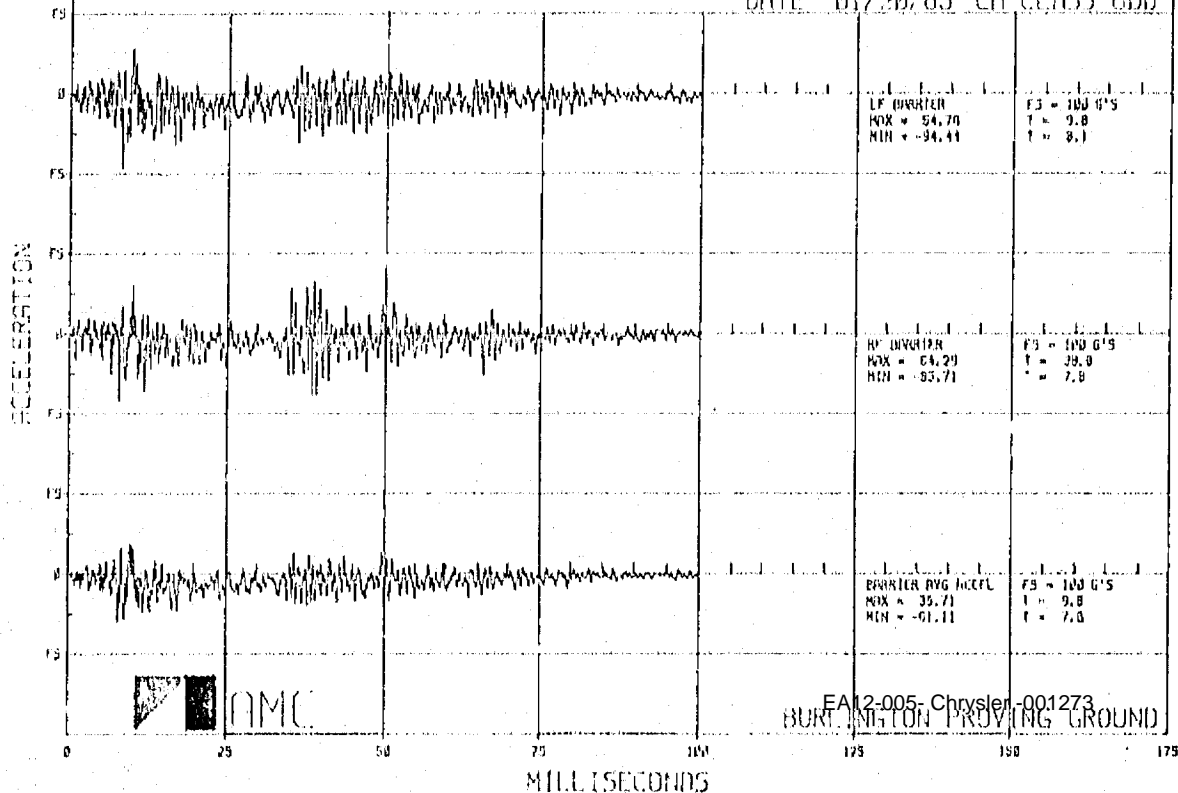
EA12-005- Chrysler -001272  
BURLINGTON PROVING GROUND

# BARRIER ACCEL

TEST# 1381

MODEL 8377

DATE 01/20/83 CH CLASS 600



EA12-005- Chrysler -001274

EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1584 photos

Image Source Inc

801 North Street

Toledo Ohio 43605

APR 1975 (11)



DECLARATION OF INTENT AND PURPOSE

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It is the policy of this organization to microfilm and dispose of original records in accordance with customer authorization or as part of the planned organizational operation procedure.

Date 4 6 1975  
Month Day

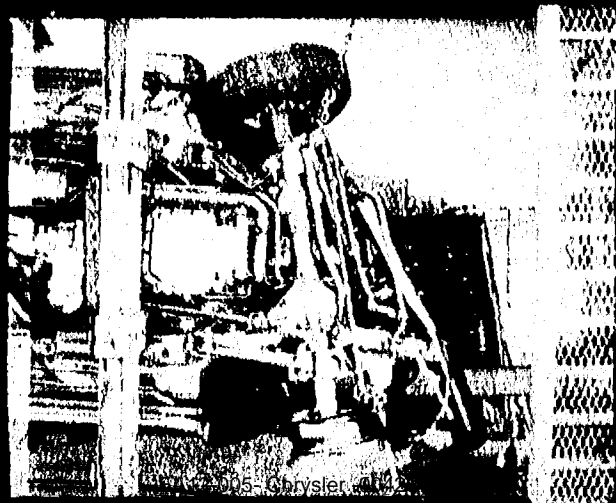
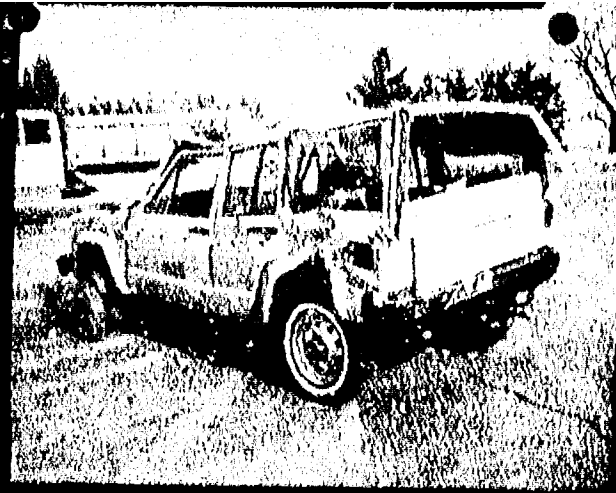
Place Toledo Ohio  
City State

Theresa J. Carden  
Signature

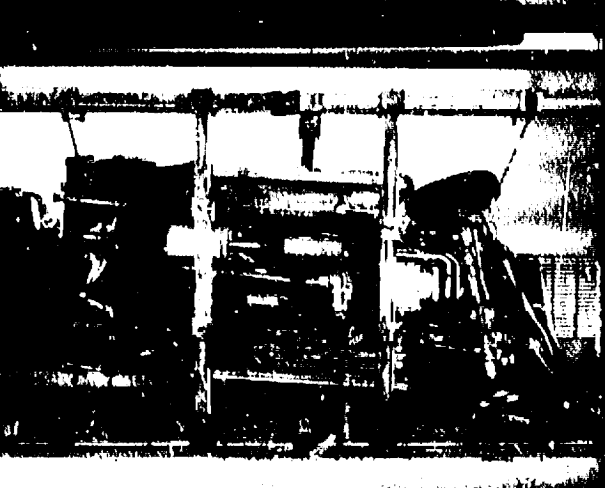
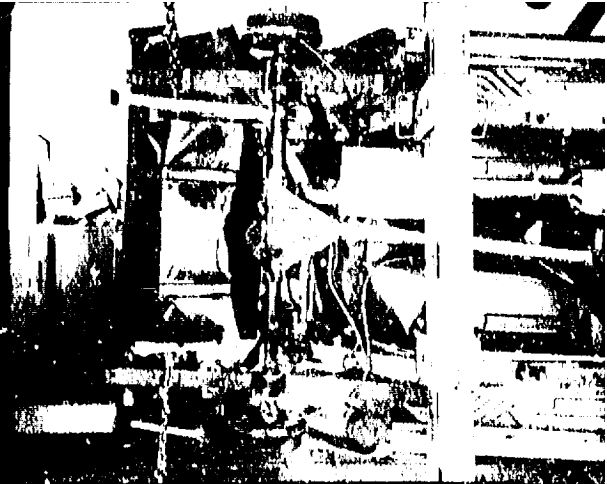
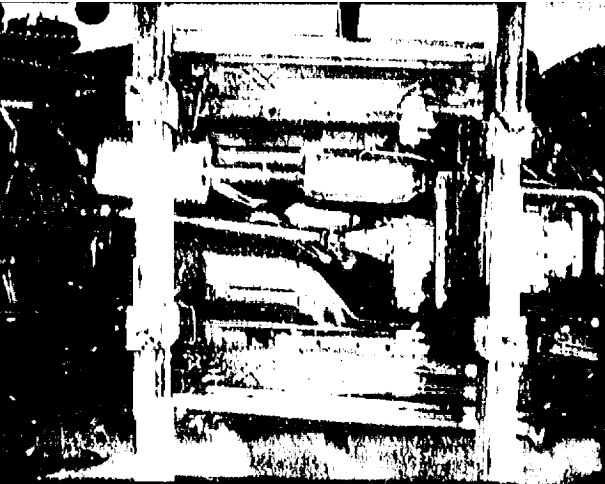
Camera Operator  
Title

801 N. Street  
Location

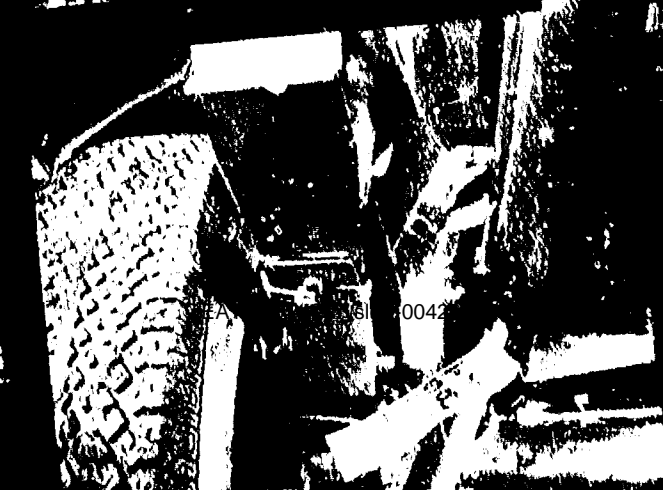
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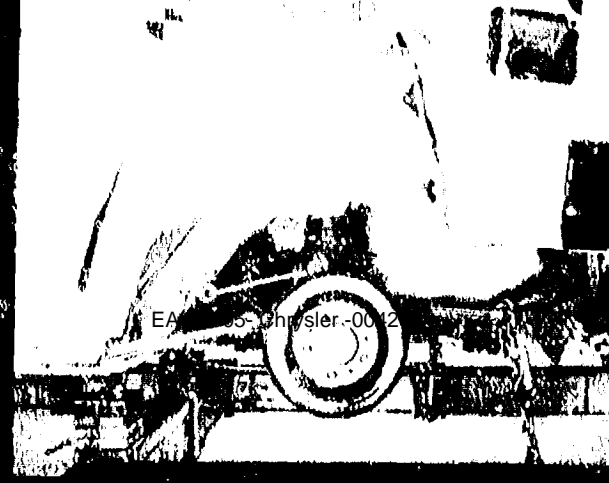
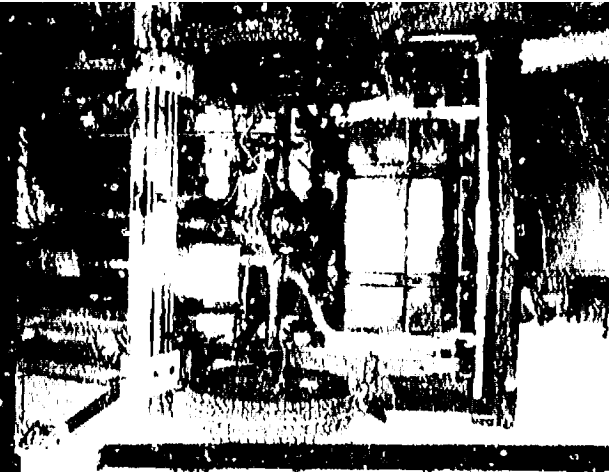
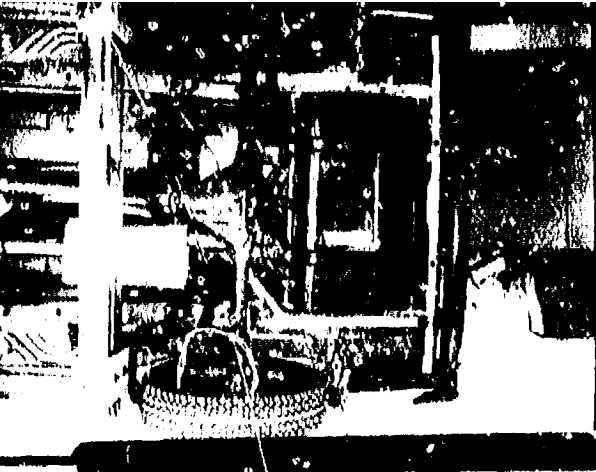




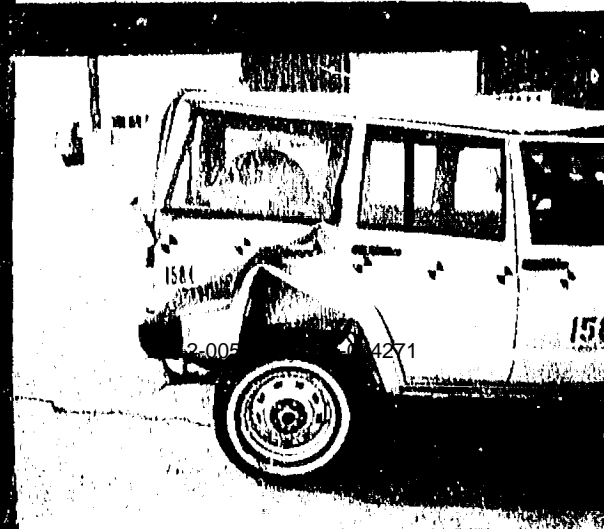
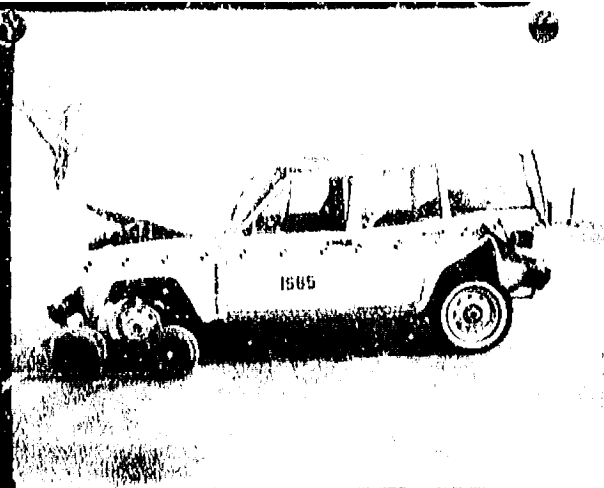
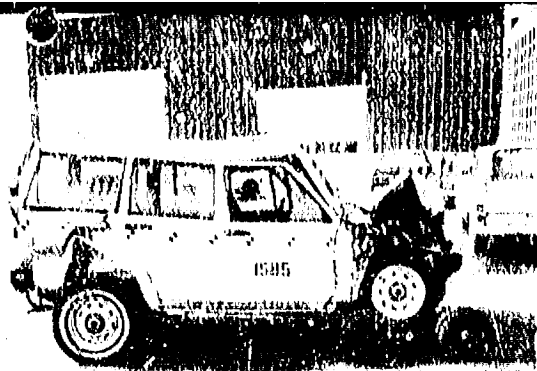


EA12-005- Chrysler-004268





EA 105-39181-0012



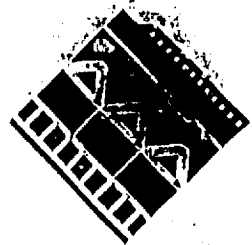
EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1584 Public

Image Source Inc.

801 Front Street

Toledo Ohio 43105

419/877-1111



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Date 12 13 1994  
Month Day  
Place Toledo Ohio  
City State

Thomas J. Carder  
Signature

EA12-005- Chrysler -001275  
Camera Operator  
Title

801 Front St.  
Location

BAKER

AMERICAN MOTORS CORPORATION

SAFETY TEST - SUMMARY SHEET

Log number 100

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST NO. 1504  
 MODEL TESTED 0470 ENGINE TYPE MC 4 TEST DATE 2/11/83  
 TESTED FOR 0470 MODEL JEEP XJ YEAR 1984 TEST SPEED 20.7 MPH  
 REQUESTED BY L. O. BAKER TEST WEIGHT 4107 LBS.  
 REFERENCE WRITTEN TEST REQUEST DATED 12/13/82

TEST OBJECTIVE: 1984 PRE-CERTIFICATION TEST TO DEMONSTRATE COMPLIANCE TO FMVSS 208.

VEHICLE DESCRIPTION:



SUMMARY OF RESULTS

SFAM NO.	PASSED		DATA SUMMARY	DATA REFERENCE
	YES	NO		
-			VEHICLE CRUSH - INCHES	
14174			STG COL MAX INTRU. - INCHES	
14173			WINDSHIELD - PERCENT RETENTION	
14187			BUMPERS	
14216			WINDSHIELD ZONE INTRUSION	
14046	X		FUEL SYSTEM INTEGRITY	
			FMVSS 208 IIA PASS <input type="checkbox"/> FAIL <input type="checkbox"/>	

COMMENTS:

EA12-005- Chrysler -001276

TEST DIRECTOR T. R. HAYEK *S.P. Hayes* REPORTED BY R. H. KRUM

TEST CO-ORDINATOR \_\_\_\_\_ DATE \_\_\_\_\_

## GENERAL VEHICLE DATA SHEET

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST DATE 7/14/83ACTUAL SPEED 29.7 MPH ACTUAL MODEL TESTED 847B TRANS. AUTOMATICENGINE AMC 4 I.D. NO. P-34 PLY. BLT. YENOSHA MODEL TESTED FOR 847BSEAT TYPE:  FBFB  FBSD  INDIV  BUCKET  OTHER: \_\_\_\_\_

YEAR: \_\_\_\_\_ SETTING: Midpoint which is \_\_\_\_\_ forward of the rearmost position.

REAR SEAT \_\_\_\_\_

STEERING WHEEL:  Std.  Sport  Other SETTING STRAIGHT AHEAD

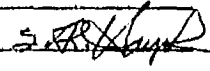
DESCRIPTION: \_\_\_\_\_

STEERING COLUMN TYPE:  Prod. E.A.  Other DESCRIPTION: \_\_\_\_\_FRONT BUMPER:  Conventional  E.A.  Other DESCRIPTION: \_\_\_\_\_REAR BUMPER:  Conventional  E.A.  Other DESCRIPTION: \_\_\_\_\_WEIGHT TO SIMULATE: FRONT: 1051 LBS. REAR: 2148 LBS. TOTAL: 4000 LBS.

WEIGHTS: BALLAST	<u>50</u> LB @ <u>UNDER HOOD</u>	DUMMIES (NONE)	<u>0</u> LB.
	<u>300</u> LB @ <u>FRONT SEAT</u>	FUEL	<u>12</u> LB.
	<u>300</u> LB @ <u>REAR SEAT</u>	EQUIPMENT	<u>25</u> LB.
	<u>100</u> LB @ <u>FRONT FLOOR</u>		

TEST WEIGHT: FRONT 1057 LBS. REAR 2150 LBS. TOTAL 4107 LBS.FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_  
(At Axle)FUEL TANK FILLED TO 95 % ( 19.2 gal.) OF RATED CAPACITY ( 20.2 gal.).COMMENTS: XJ PROTOTYPE JEEP WITH AMC 4 CYLINDER ENGINE AND AUTOMATICTRANSMISSION. PHASE II.

EA12-005- Chrysler -001277

SAFETY TEST DIRECTOR \_\_\_\_\_ T. R. HAYEK 

SAFETY TEST COORDINATOR \_\_\_\_\_ DATE \_\_\_\_\_



# Pre-Test Modification Sheet

TEST NO. 1584

BAR NO. P-34 TEST TYPE 30 MPH FRNT, REAR IMPACT MOVABLE BARRIER

DATE 2/11/83 MECHANIC \_\_\_\_\_ REQUESTED BY L. O. BAKER

ACTUAL TEST WT. (LBS.): FRNT. 1957 LB. REAR 2150 LB. TOTAL 4107 LB. DUMMIES USED NONE

WEIGHTS: BALLAST 50 LB. @ UNDER HOOD DUMMIES 0 LB.

300 LB. @ FRONT SEAT FUEL 124 LB.

800 LB. @ REAR SEAT EQUIPMENT 25 LB.

100 LB. @ FRONT FLOOR

FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_

FUEL TANK FILLED TO 95 % ( 19.2 gal.) OF RATED CAPACITY ( 20.2 gals.)

PART NUMBER	PART NAME	DESCRIPTION
		[ ]

EA12-005- Chrysler -001278

CRASH TEST - GENERAL TEST RESULTS

TYPE OF TEST: 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST NO.: 1504

TEST DATE: 2/14/83

TEST SPEED: DESIRED 30-30.5 MPH. TIME 11:09 AM TRAP 29.7 MPH

INSTRUMENT CONTINUITY ALL INSTRUMENTATION RAN. LASER 29.8 MPH

CAMERAS ALL CAMERAS RAN.

SEATS \_\_\_\_\_

DUMMIES NONE USED.

FUEL SYSTEM \_\_\_\_\_

SPARE TIRE AND JACK SPARE TIRE REMAINED SECURE, REAR SEAT AND JACK REMOVED TO SECURE WEIGHT BAGS.

OTHER COMMENTS \_\_\_\_\_

EA12-005-Chrysler 001270

INSPECTED BY J. P. MCCARTHY TEST DIRECTOR T. R. HAYEK



PRE-CRASH  
 POST CRASH









ROLL OVER TEST REPORT

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST NO. 1534  
MODEL TESTED 8478 ENGINE 4 TRANS. AUTOMATIC TEST DATE 1/27/83  
TESTED FOR 8478 V.I.N. OR I.D. P-34 PLANT BUILT TOLEDO

<input checked="" type="checkbox"/> BAT. REMOVED	<input checked="" type="checkbox"/> AIR CLEANER ON
<input checked="" type="checkbox"/> COOLANT DRAINED	<input checked="" type="checkbox"/> FUEL SYSTEM PRIMED
<input checked="" type="checkbox"/> ENG. OIL DRAINED	<input checked="" type="checkbox"/> VENT SYSTEM PURGED
<input type="checkbox"/> HOOD REMOVED	<input checked="" type="checkbox"/> TANK TO 95% CAP. W/STODDARD SOLVENT

COMMENTS

Time duration from barrier impact until start of static rollover test. \_\_\_\_\_  
Time duration to rotate vehicle through 90 degrees: 3 minutes.

 0-90° RT. SIDE DOWN - CLOCKWISE	 0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE
①	① NO LEAKS
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
 90-180° UPSIDE DOWN	 90-180° UPSIDE DOWN
①	① NO LEAKS
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
 180-270° LEFT SIDE DOWN	 180-270° RIGHT SIDE DOWN
①	① NO LEAKS
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
 270-0° NORMAL ATTITUDE	 270-0° NORMAL ATTITUDE
	① NO LEAKS

EA12-005- Chrysler 001201

- ① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

REPORTED BY D. E. CRUCIANELLI

PRE-CRASH  
POST CRASH









ROLL OVER TEST REPORT

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST NO. 1584  
 MODEL TESTED 847B ENGINE AMC 4 TRANS. AUTOMATIC TEST DATE 2/14/83  
 TESTED FOR 847B V.I.R. OR I.D. P-34 PLANT BUILT TOLEDO

- |                      |  |
|----------------------|--|
| (X) BAY, REMOVED     | (X) AIR CLEANER ON                         |
| (X) COOLANT DRAINED  | (X) FUEL SYSTEM PRIMED                     |
| (X) ENG. OIL DRAINED | (X) VENT SYSTEM PURGED                     |
| (O) HOOD REMOVED     | (X) TANK TO 95% CAP,<br>W/STANDARD SOLVENT |

COMMENTS

Time duration from barrier impact until start of static rollover test, 2 HRS.  
 Time duration to rotate vehicle through 90 degrees; 3 minutes.

 <u>0-90° RT. SIDE DOWN - CLOCKWISE</u> ① NO LEAKS	 <u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u> ① NO LEAKS
② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
 <u>90-180° UPSIDE DOWN</u> ① NO LEAKS	 <u>90-180° UPSIDE DOWN</u> ① NO LEAKS
② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
 <u>180-270° LEFT SIDE DOWN</u> ① NO LEAKS	 <u>180-270° RIGHT SIDE DOWN</u> ① NO LEAKS
② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
 <u>270-0° NORMAL ATTITUDE</u> NO LEAKS	 <u>270-0° NORMAL ATTITUDE</u> NO LEAKS

KEY:  
 ①  
 ②

EA12-005- Chrysler -001282  
 LEAKAGE FIRST 5 MINUTFS (INCLUDING ROTATE)  
 LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

REPORTED BY D. E. CRUCIANELLI

HIGH SPEED MOTION PICTURE ANALYSIS

TEST DATE: February 14, 1983	MODEL: 8378	TEST NO. 1584
TYPE OF TEST: Perpendicular Rear Impact --- Movable Barrier		
ANALYZED SPEED: 29.2 M.P.H.		

Note: Analysis for speed only. This was a second hit on test vehicle --- first hit was for test 1585 (front impact).

ANALYSIS BY: Alex Spiroff *AS*

DAAG-006-001-001283

TEST NO. 1584

WISCONSIN TEST CENTER  
SAFETY TESTING - INSTRUMENTATION DEPARTMENT

MODEL 8478

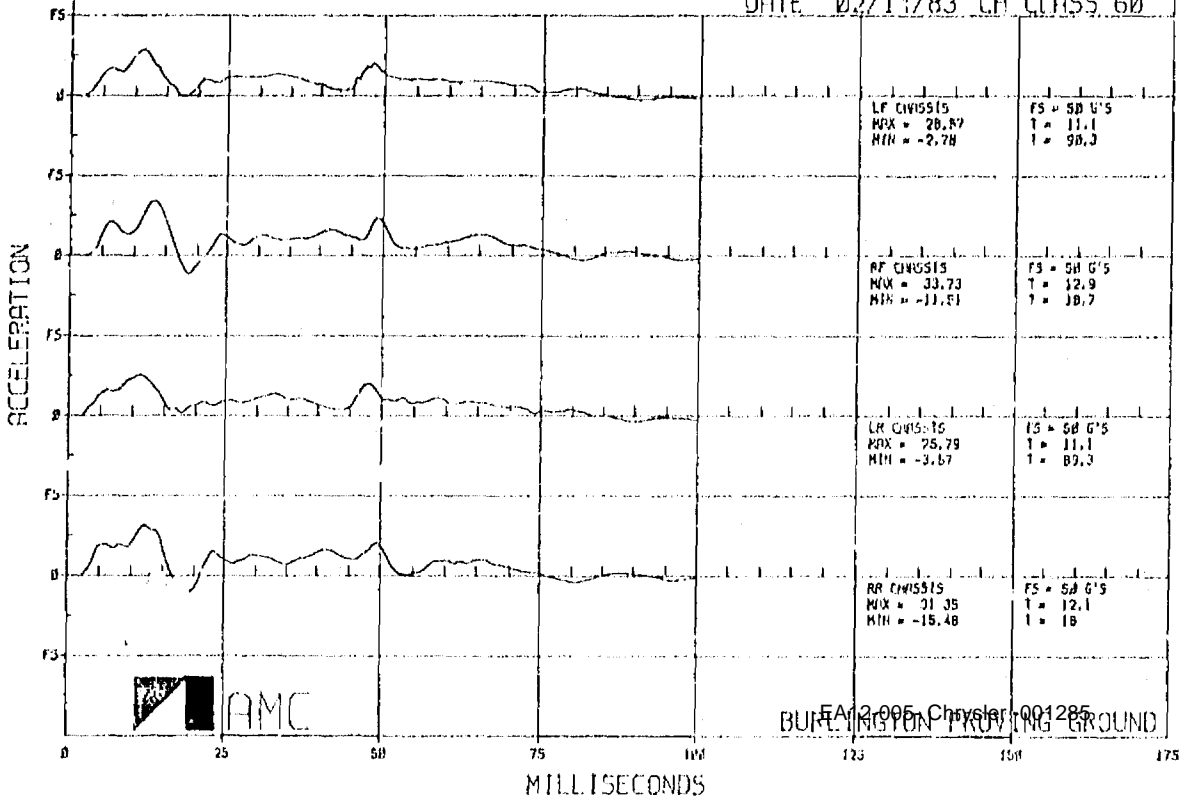
TEST DATE 2/14/83

TESTED BY: H. HYATT P. KOPITZKE

APPROVED BY *James F. Hayes* DATE 2/17/83

# CHASSIS ACCEL

TEST# 1584  
 MODEL 8378  
 DATE 02/11/83 CH CLASS 60

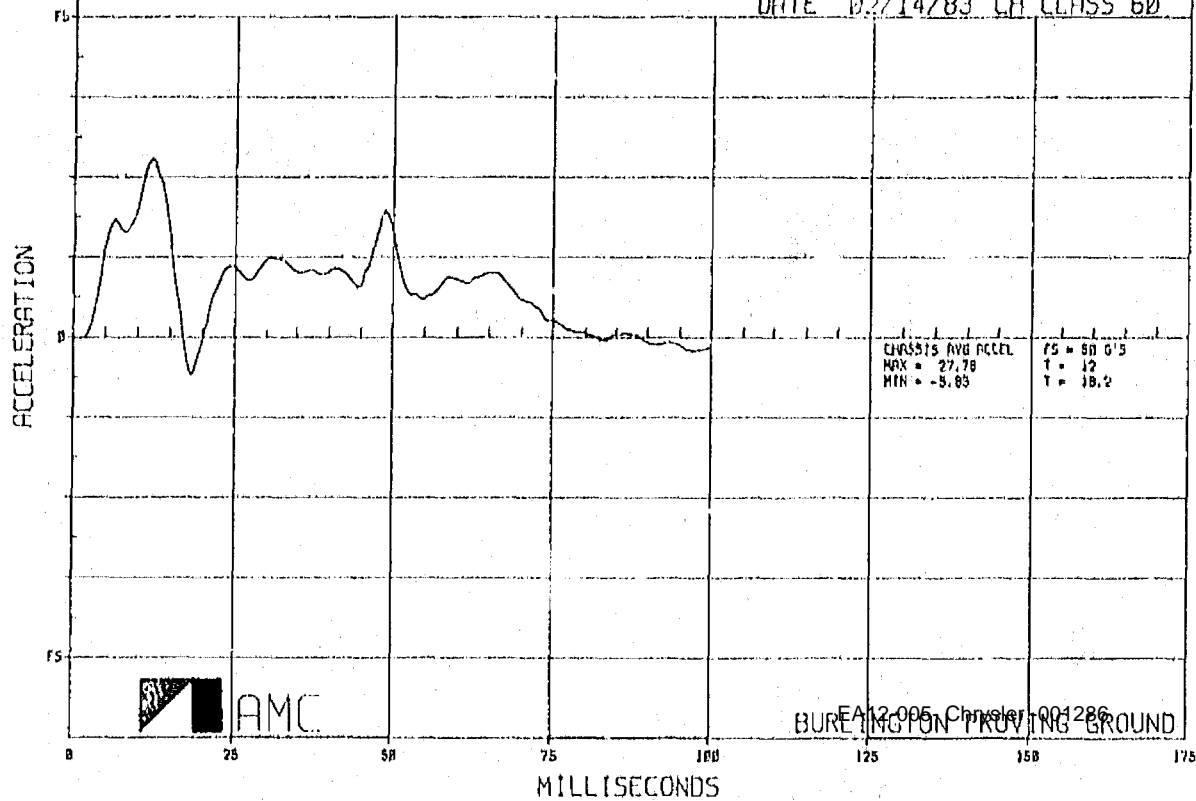


FAIRCHILD 2-005 Chrysler 001285  
 BURLINGTON PROVING GROUND



# CHASSIS AVG ACCEL

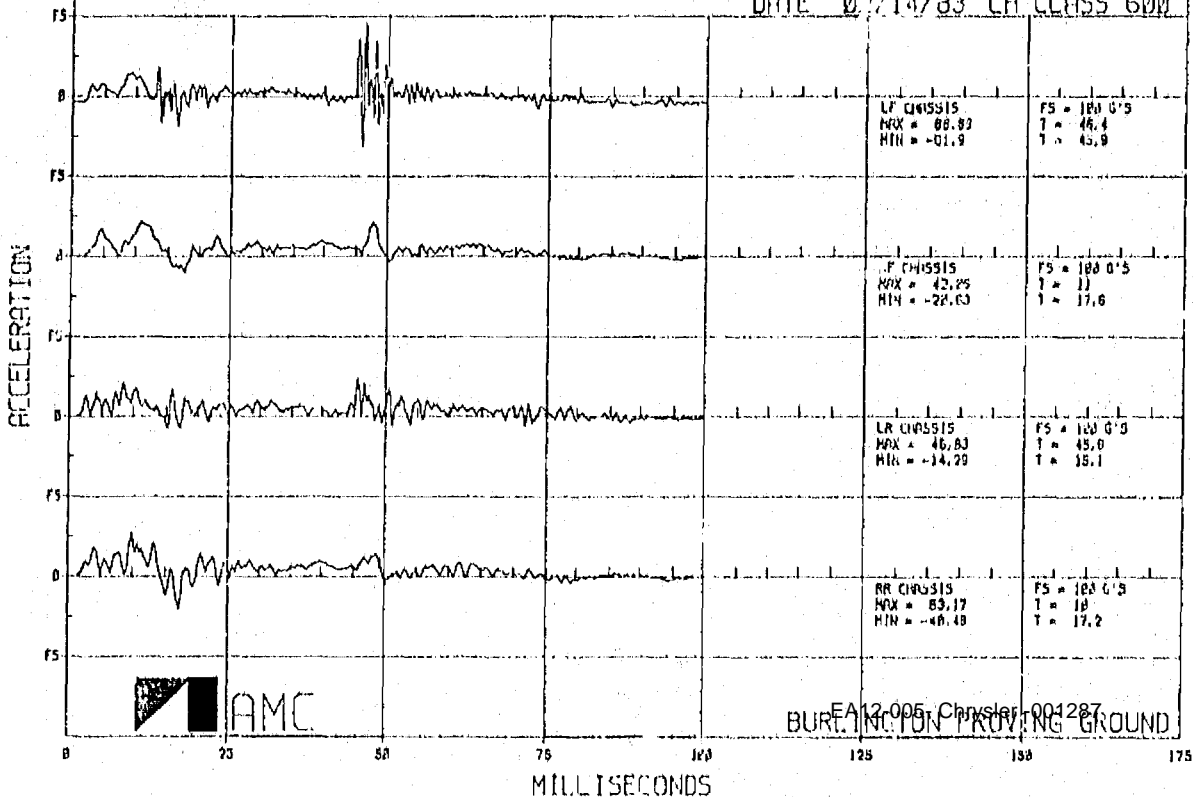
TEST# 1584  
MODEL 8378  
DATE 02/14/83 CH CLASS 60



EA12-005 Chrysler 001286  
BURLINGTON PROVING GROUND

# CHASSIS ACCEL

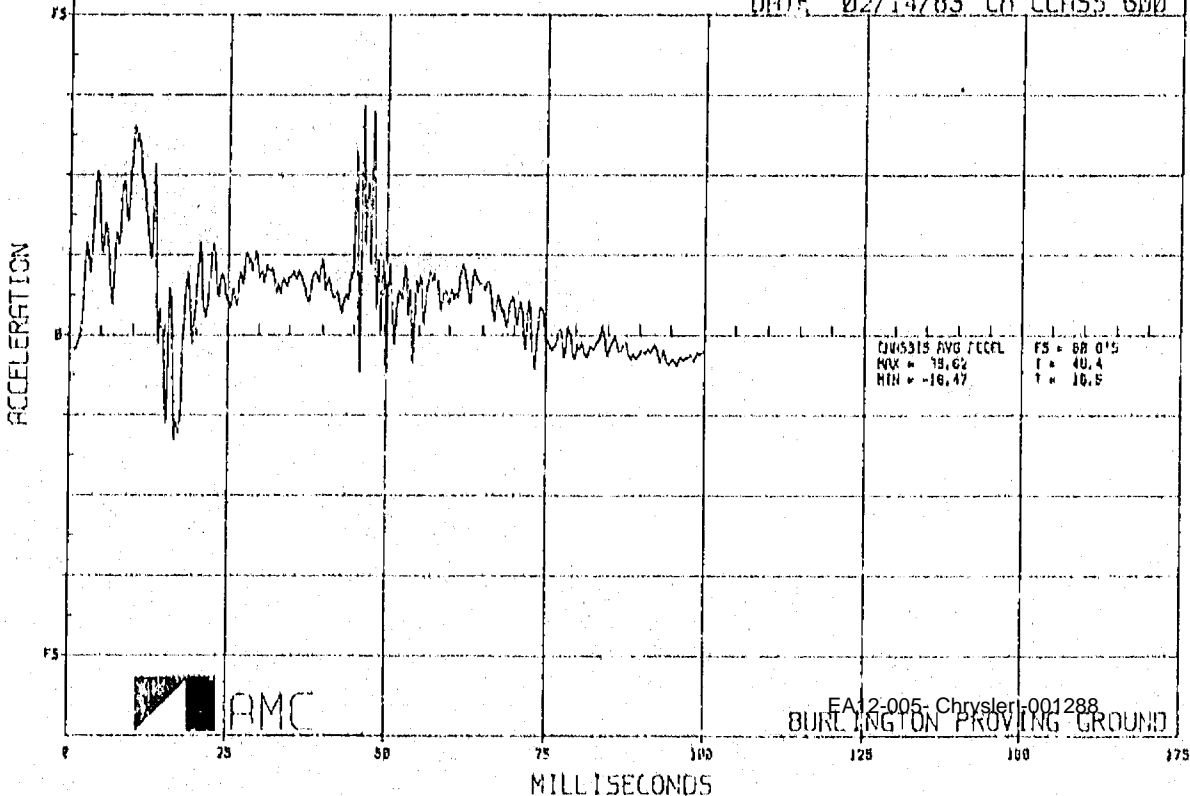
TEST # 1501  
 MODEL 8078  
 DATE 02/14/83 CH CLASS 600



EA12-005 Chrysler 001287  
 BURT. INCLIN. TROWING GROUND

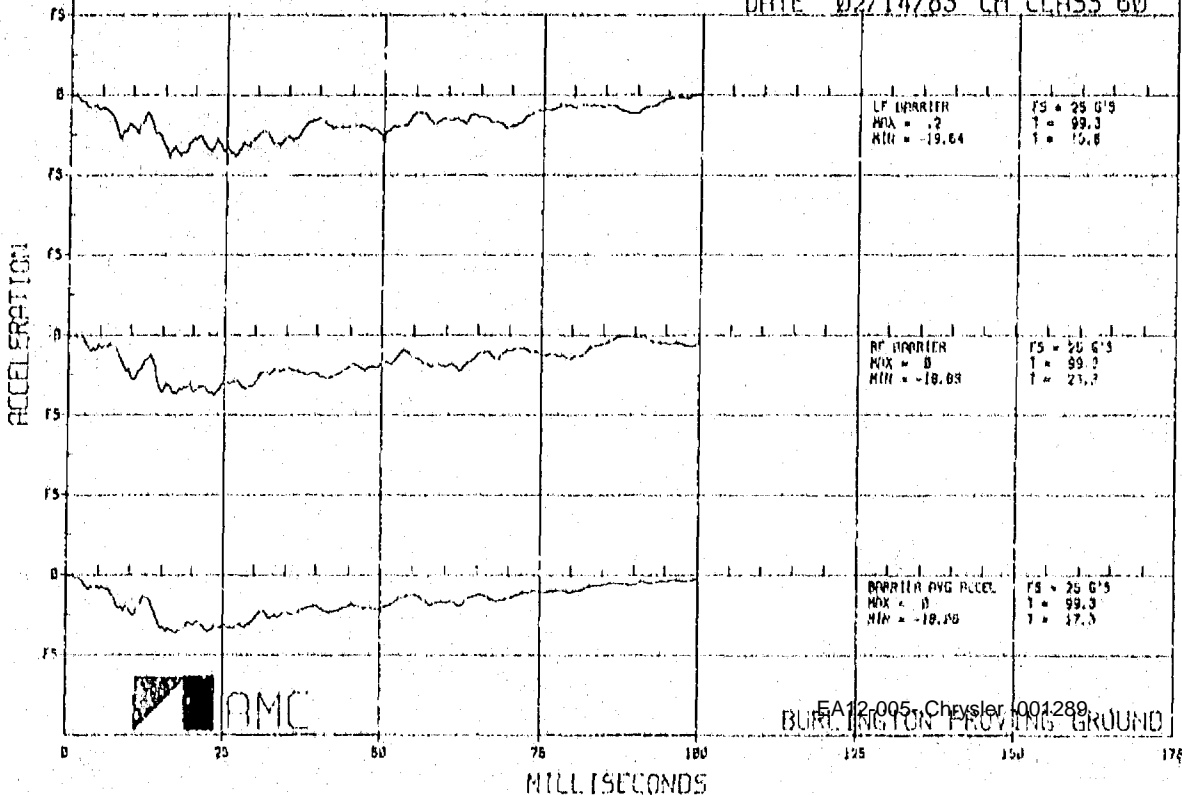
# CHASSIS AVG ACCEL

TEST# 1584  
MODEL 8378  
DATE 02/14/83 CH CLASS 600



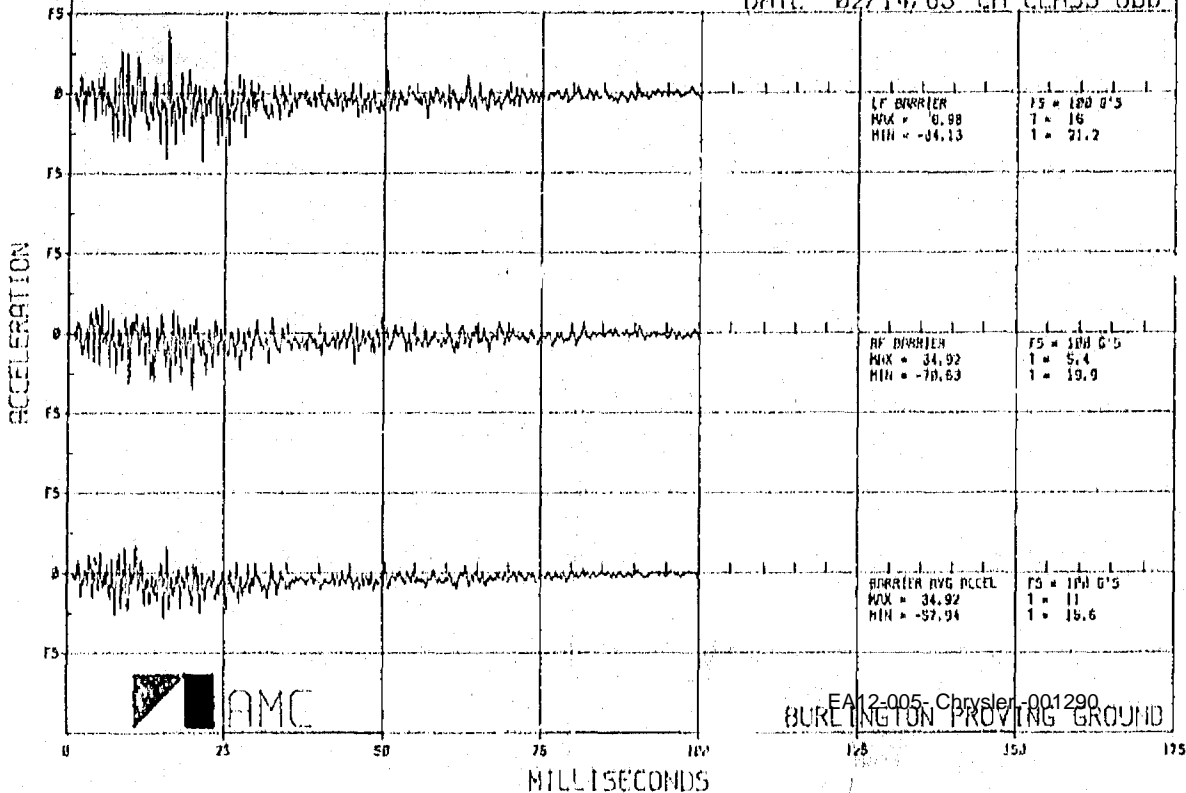
# BARRIER ACCEL

TEST# 1584  
 MODEL 8378  
 DATE 02/14/83 CH CLASS 60



# BARRIER ACCEL

TEST# 1584  
 MODEL 8378  
 DATE 02/14/83 CH CLASS 600



EAI 2-005 Chrysler 001290  
 BURLINGTON PROVING GROUND

MILLISECONDS

EA12-005- Chrysler -001291

EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1626 photos

Image Source Inc.

851 Peach Street

Columbus, Ohio 43205

614/877-1111



DECLARATION OF INTENT AND PURPOSE

I Thomas J. Carden, employed by The Image Source, Inc. do hereby declare that the records microfilmed herein are actual records of the Chrysler Corp. RMC Vehicle Crush tests created during its normal course of business and that:

It is the express intent and purpose of this organization to destroy or otherwise dispose of the original records microphotographed herein, and that:

The destruction or disposition of the records microphotographed on this reel is only to be accomplished after inspection of the microfilm to assure completeness of coverage, and that:

It is the policy of this organization to microfilm and dispose of original records in accordance with customer authorization or as part of the planned organizational operation procedure.

Date 4 6 1985  
Month Day

Place Toledo Ohio  
City State

Thomas J. Carden  
Signature

Camera Operator  
Title EA12-005-Chrysler-004279

SOI 4 Room  
Location



1625

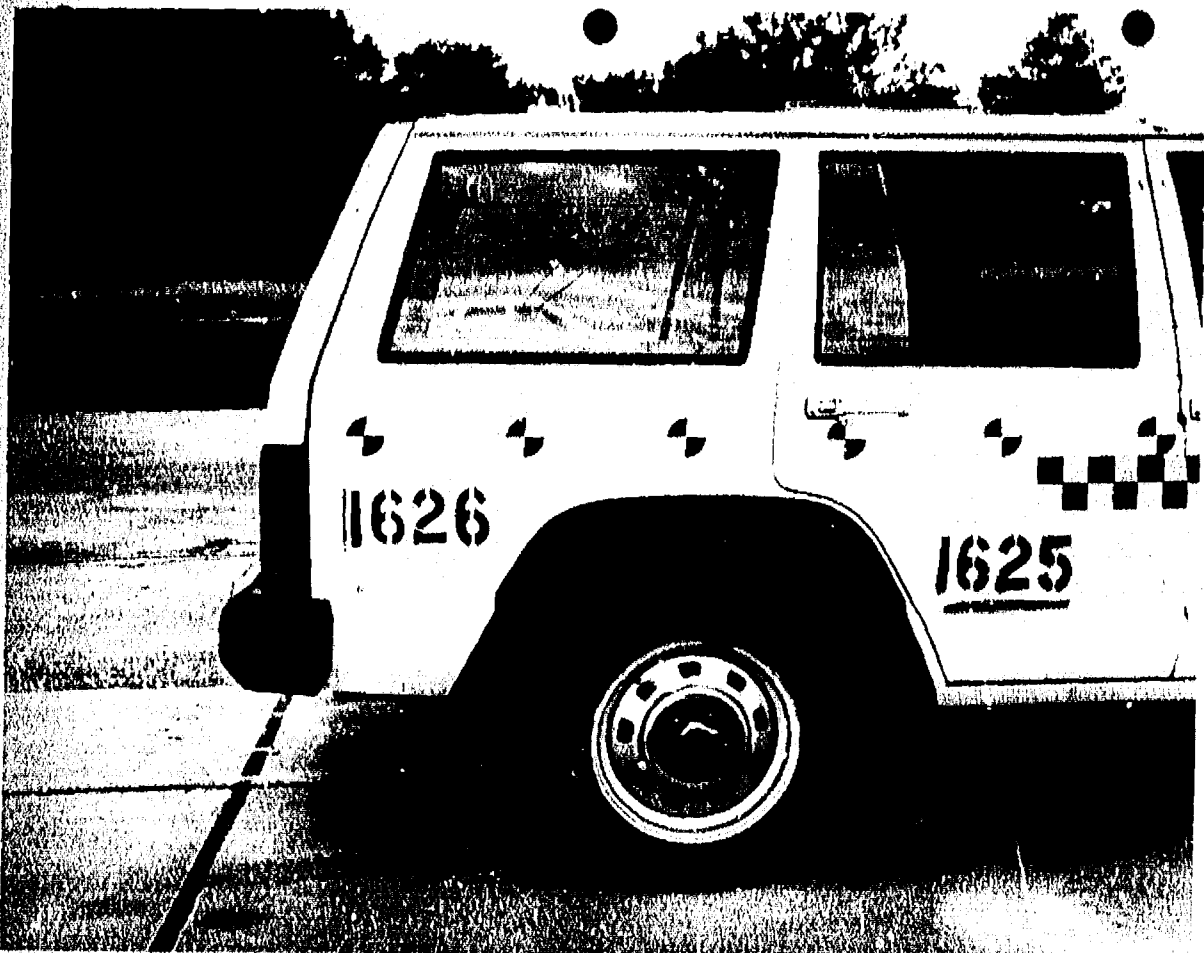
FIRST TO US  
192 GALS  
4-20-83

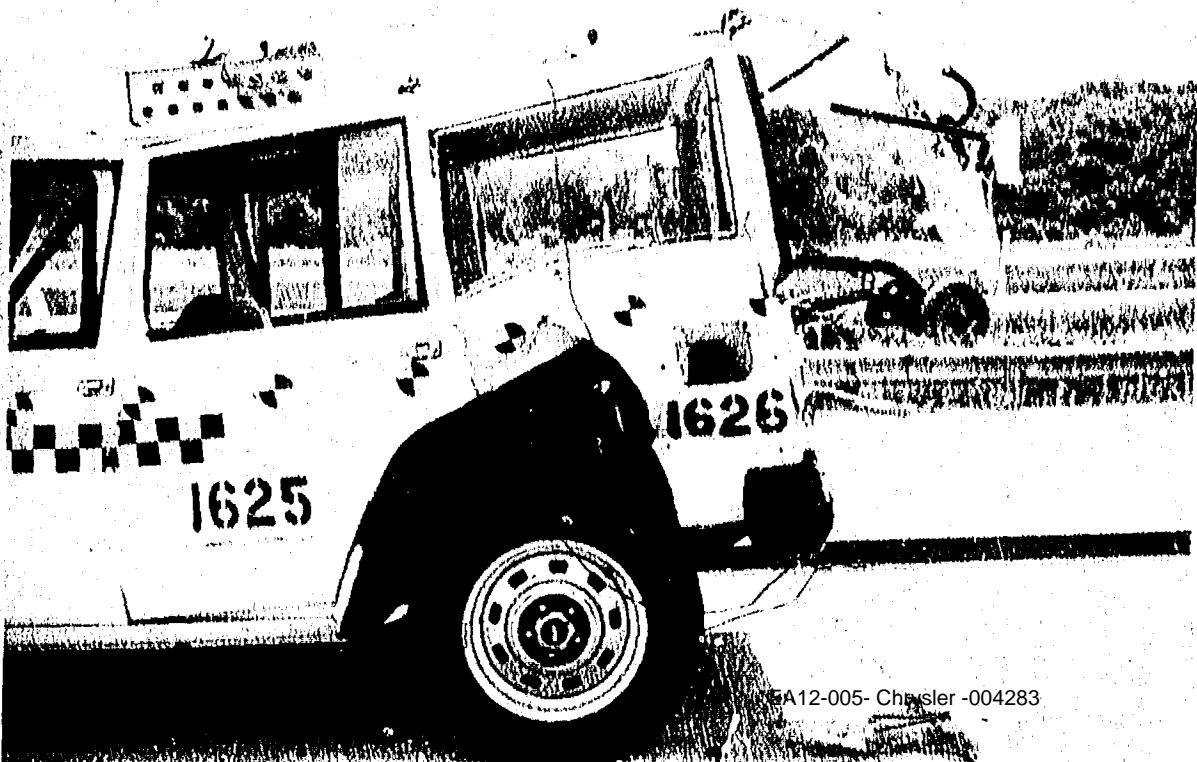
1626

slr-001280

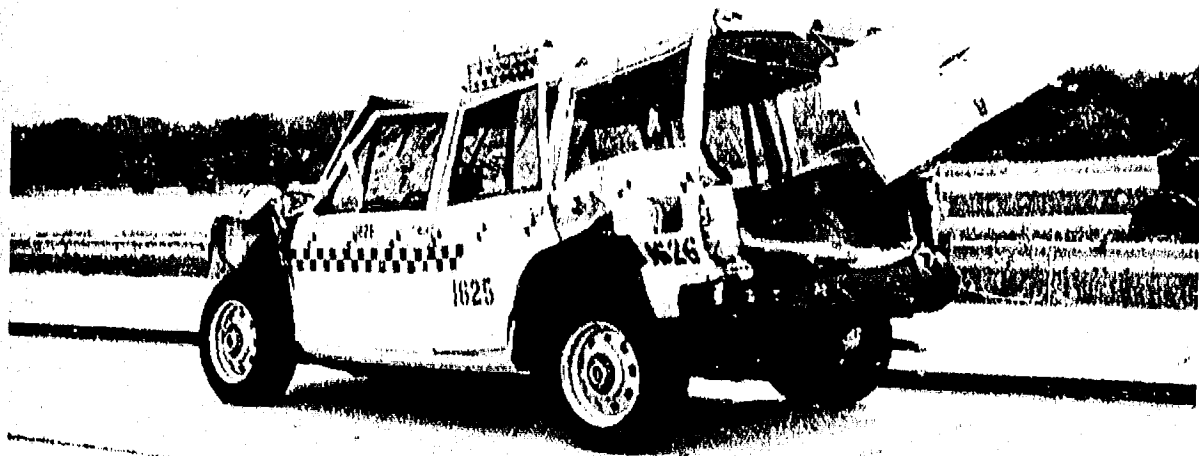


EA 1-005- Chrysler -004281

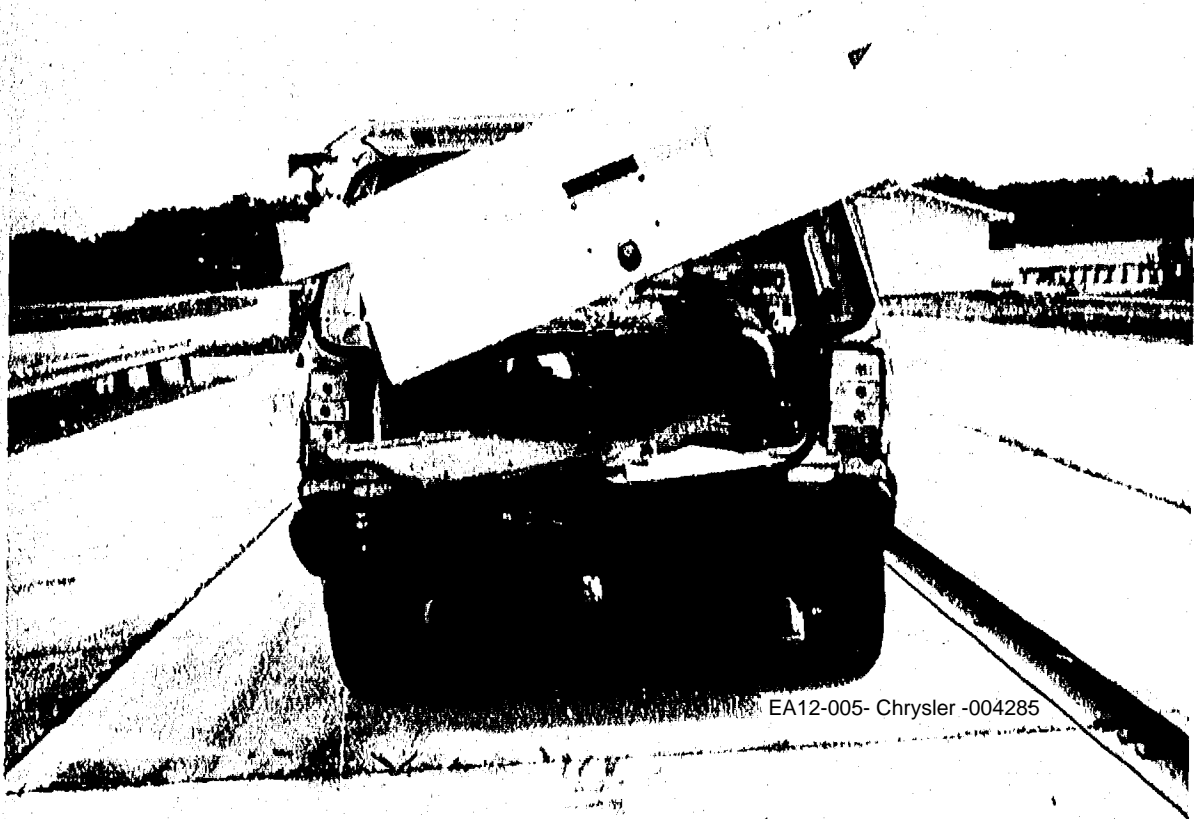




5A12-005- Chrysler -004283



EA12-005-Chrysler-004284



EA12-005- Chrysler -004285



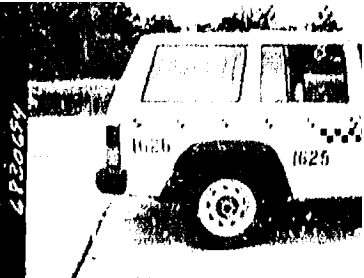
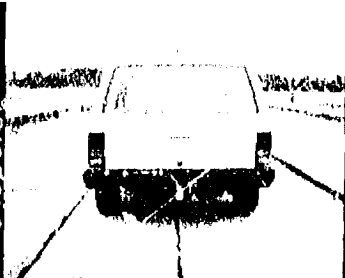
5005- Chrysler -004286

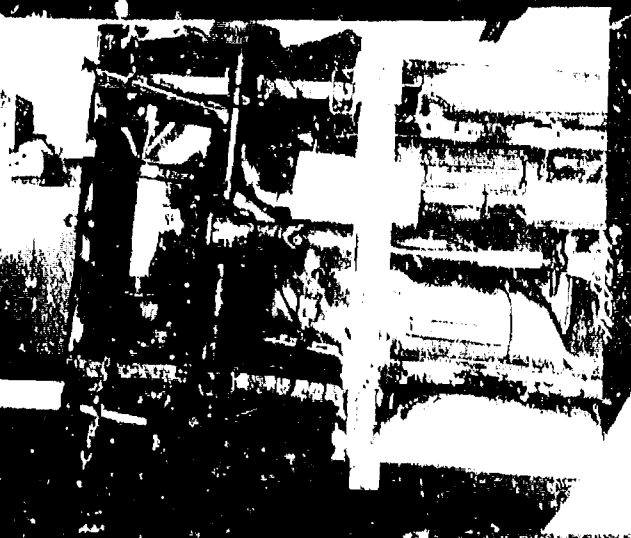
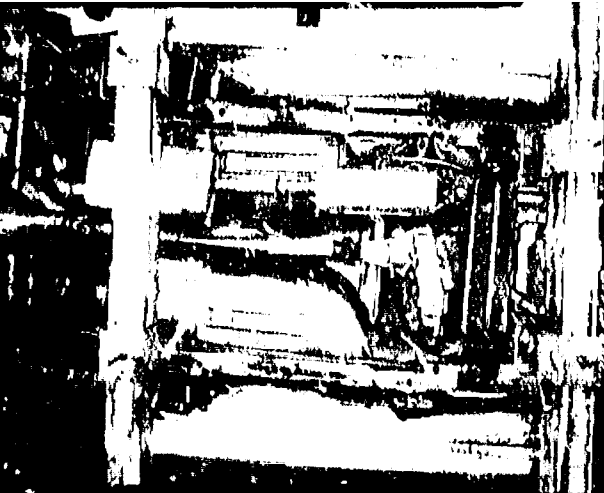






EA12-005- Chrysler -004288





EA12-005- Chrysler -004290

EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1626 Public

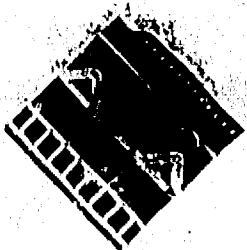
EA12-005- Chrysler -001309

Image Source Inc.

301 Front Street

Toledo Ohio 43605

417/1577/1111



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It is the policy of this organization to microfilm and dispose of original records in accordance with customer authorization or as part of the planned organizational operation procedure.

Date 12 13 1974  
Month Day  
Place Toledo Ohio  
City State

Thomas J. Carder  
Signature  
EA12-005-Chrysler-001310  
Camera Operator  
Title  
301 Front St.  
Location

SAFETY TEST - SUMMARY SHEET

TYPE 12 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST NO. 1625  
 MODEL TESTED 8473 ENGINE TYPE AMC 1-4 TEST DATE 7/9/83  
 TESTED FOR 8470 MODEL 4 DR WGN YEAR 1984 TEST SPEED 30.62 MPH  
 REQUESTED BY L. O. HAKER TEST WEIGHT 4082 LBS.  
 REFERENCE WRITTEN TEST REQUEST DATED 4/13/83.

TEST OBJECTIVES DEVELOPMENT TEST TO DEMONSTRATE COMPLIANCE TO AM14046.

VEHICLE DESCRIPTION [ ]

SUMMARY OF RESULTS

SEQ. NO.	PASSED		DATA SUMMARY	DATA REFERENCE
	YES	NO		
			VEHICLE CRUSH - INCHES	
14170			STG COL MAX INTRU. - INCHES	
14173			WINDSHIELD - PERCENT RETENTION	
14187			DUMPERS	
14216			WINDSHIELD ZONE INTRUSION	
14046	X		FUEL SYSTEM INTEGRITY	
			FMVSS 209 PASS <input type="checkbox"/> FAIL <input type="checkbox"/>	

COMMENTS:

VEHICLE PREVIOUSLY FRONT IMPACTED AS TEST 1625.

EA12-005- Chrysler -001311

TEST DIRECTOR T. R. HAYER T. R. Hayer REPORTED BY R. J. KRAHL

TEST CO-ORDINATOR B. J. DATE 6/19/83

ORIGINAL VEHICLE DATA SHEET

TEST NO. 1626

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST DATE 7/0/83

ACTUAL SPEED 30.69 MPH ACTUAL MODEL TESTED 847B TRANS. AUTOMATIC

ENGINE AND 1-4 CYL. I.D. # 78 PLT. ULT. TOLEDO TESTED FOR 1984

SEAT TYPE:  FOFB  FDSB  INDIV  BUCKET OTHER \_\_\_\_\_

YEAR: \_\_\_\_\_ SEATING: Midpoint which is \_\_\_\_\_ forward of rearmost position.

REAR SEAT \_\_\_\_\_

STEERING WHEEL:  STD.  SPORT OTHER SETTING: STRAIGHT AHEAD

DESCRIPTION: \_\_\_\_\_

STEERING COLUMN TYPE:  PROD. E.A.  OTHER DESCRIPTION: \_\_\_\_\_

FRONT DUMPER:  Conventional  E.A.  Rigid Foam OTHER \_\_\_\_\_

REAR DUMPER  Conventional  E.A.  Rigid Foam OTHER \_\_\_\_\_

WEIGHT TO SIMULATE: FRONT: 1891 LBS. REAR: 2100 LBS. TOTAL: 4091 LBS.

WEIGHTS: DALLAST 1000 LBS. @ CARGO EQUIPES --- LBS.

100 LBS. @ RIGHT TOE BOARD FUEL 117 LBS.

125 LBS. @ UNDER HOOD EQUIPMENT 25 LBS.

TEST WEIGHT: FRONT: 1872 LBS. REAR: 2100 LBS. TOTAL: 4052 LBS.

FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_

FUEL TANK FILLED TO 95 % ( 19.2 GAL.) OF RATED CAPACITY ( 20.2 GAL.)

COMMENTS: VEHICLE PREVIOUSLY FRONT IMPACTED AS TEST 1625.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SAFETY TEST DIRECTOR T. R. HAYEK *J.P. Skyle* COORDINATOR FA12-005 Chrysler-001312 DATE \_\_\_\_\_



# Pre-Test Modification Sheet

TEST NO. 1626

CAR NO. 7B TEST TYPE 30 MPH PERP. REAR IMPACT MOVABLE BARRIER

DATE 7/8/83 MECHANIC \_\_\_\_\_ REQUESTED BY L. O. BAKER

ACTUAL TEST WT. (LBS.): FRT. 1072 REAR 2180 TOTAL 4052 DUMMIES USED NONE

WEIGHTS: BALLAST 1000 LB. @ CARGO DUMMIES \_\_\_\_\_ LB.

100 LB. @ RIGHT TOE BOARD FUEL 117 LB.

125 LB. @ UNDER HOOD EQUIPMENT 26 LB.

FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_

FUEL TANK FILLED TO 96 % ( 12.2 gal.) OF RATED CAPACITY ( 20.2 gal.)

PART NUMBER	PART NAME	DESCRIPTION
		<div style="border: 1px solid yellow; width: 80%; height: 80%; margin: auto;"></div>

EA12-005- Chrysler -001313

TYPE OF TEST: 30 MPH PEPP. REAR IMPACT MOVABLE BARRIER

TEST NO.: 1626

TEST DATE: 7/8/83

SP SPEED: DESIRED 30.25  $\pm$  .25 MPH.

TIME 10:17 AM

TRAP --- MPH

INSTRUMENT CONTINUITY

LASEP 30.59 MPH

CAMERAS NO TAKE ON CAMERA #3. ALL OTHER CAMERAS RAN.

SEATS N.A.

DUMMIES N.A.

FUEL SYSTEM

SPARE TIRE AND JACK N.A.

OTHER COMMENTS

EA12-005- Chrysler-001314

INSPECTED BY J. P. MCCARTHY

TEST DIRECTOR T. R. HAYEK

SFAM - 14046

TEST NO. 1426

MODEL 847A

TEST TYPE 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST DATE 7/8/83

Fuel spillage in the 5 minute period following cessation of vehicle motion after impact. (Total) NONE

Fuel spillage during subsequent 25 minute period. (Total) NONE

During the 26 minute period, did the spillage exceed one ounce by weight during any one minute interval? Yes  No

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Checked by: J. P. McCARTHY

Did this vehicle meet or exceed performance criteria of A.I. Spec. 1404C? Yes  No

PRE-CRASH  
 POST-CRASH

HOLL-OVER TEST REPORT

TYPE OF TEST 30 MPH PEPP. REAR IMPACT INVAULT BARRIER TEST NO. 1626  
MODEL TESTED B470 ENGINE V-6 TRANS. AUTOMATIC TEST DATE 7/9/03  
TESTED FOR B470 V.I.N. OR I.D. 7P PLANT TOLEDO

<input checked="" type="checkbox"/> OIL: REMOVED	<input checked="" type="checkbox"/> AIR CLEANER OIL
<input checked="" type="checkbox"/> COILANT DRAINED	<input checked="" type="checkbox"/> FUEL SYSTEM DUMPED
<input checked="" type="checkbox"/> ENG. OIL DRAINED	<input checked="" type="checkbox"/> VENT SYSTEM DUMPED
<input checked="" type="checkbox"/> HOOD REMOVED	<input checked="" type="checkbox"/> TANK TO 95% CAP.
	<input checked="" type="checkbox"/> NO STANDARD SERVICE

COMMENTS

Time duration from barrier impact until start of static rollover test. \_\_\_\_\_  
Time duration to rotate vehicle through 90 degrees: 3 minutes.

<input checked="" type="checkbox"/> 0-90° RT. SIDE DOWN - CLOCKWISE	<input checked="" type="checkbox"/> 0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE
<input type="checkbox"/> NO LEAKS	<input type="checkbox"/> NO LEAKS
<input checked="" type="checkbox"/> 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	<input checked="" type="checkbox"/> 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
<input checked="" type="checkbox"/> 90-180° UPSIDE DOWN	<input checked="" type="checkbox"/> 90-180° UPSIDE DOWN
<input type="checkbox"/> NO LEAKS	<input type="checkbox"/> NO LEAKS
<input checked="" type="checkbox"/> 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	<input checked="" type="checkbox"/> 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
<input checked="" type="checkbox"/> 180-270° LEFT SIDE DOWN	<input checked="" type="checkbox"/> 180-270° RIGHT SIDE DOWN
<input type="checkbox"/> NO LEAKS	<input type="checkbox"/> NO LEAKS
<input checked="" type="checkbox"/> 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	<input checked="" type="checkbox"/> 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
<input checked="" type="checkbox"/> 270-0° NORMAL ATTITUDE	<input checked="" type="checkbox"/> 270-0° NORMAL ATTITUDE

EA120054 Chrysler -001316

- 1 LEAKAGE FIRST 5 MINUTES (INCLUDING WASTE)  
2 LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

APPROVED BY

J. P. MCCARTHY

TYPE OF TEST 30 MPH DEPB. REAR IMPACT MOVABLE BARRIER TEST NO. 1626  
 MODEL TESTED D420 ENGINE AND 1-A TRANS. AUTOMATIC TEST DATE 7/20/03  
 TESTED FOR 0470 V.L.N. OR I.D. 70 PLANT UNIT TOLEDO

① OIL REMOVED	② AIR CLEANER OIL
③ CO. LAMP OIL AT 1/2	③ FUEL SYSTEM OIL WASH
④ ENG. OIL DRAINED	④ VENT SYSTEM PURGED
⑤ HOOD REMOVED	⑤ TANK TO 95% CAP, W/STANDARD SOLVENT

COMMENTS

Time duration from barrier impact until start of static rollover test, 3 HRS. 3 MIN.  
 Time duration to rotate vehicle through 90 degrees, 3 minutes.

① <u>0-90° RT. SIDE DOWN - CLOCKWISE</u>	① <u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u>
② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
① <u>90-180° UPSIDE DOWN</u>	① <u>90-180° UPSIDE DOWN</u>
② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
① <u>180-270° LEFT SIDE DOWN</u>	① <u>180-270° RIGHT SIDE DOWN</u>
② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
① <u>270-0° NORMAL ATTITUDE</u>	① <u>270-0° NORMAL ATTITUDE</u>
	NO LEAKS

EA12-005, Chrysler-001317

- ① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
 ② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

HIGH SPEED EXACT PICTURE ANALYSIS

TEST DATE: July 8, 1983

MODEL: 0378

TEST NO. 1626

TYPE OF TEST: Perpendicular Rear Impact --- Movable Barrier

ANALYZED SPEED: 30.0 M.P.H.

Note: Analysis for speed only. (This vehicle was pre-hit in Test 1625 on June 14, 1983.)

ANALYSIS BY: Aloa Spiroff *AS*

DATE: July 19, 1983  
EA42-005-Chrysler-001318

TEST NO. 1026

WISCONSIN TEST CENTER  
SAFETY TESTING - INSTRUMENTATION DEPARTMENT

MODEL BA70

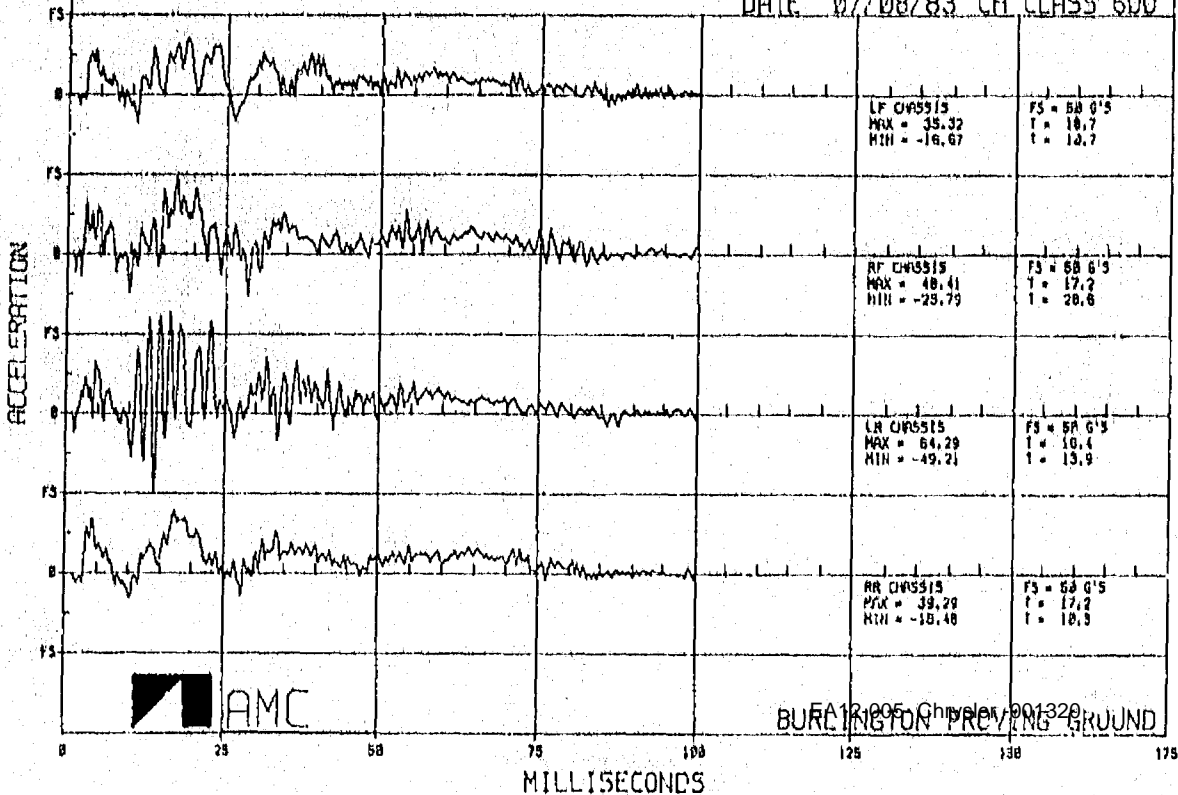
TEST DATE 7/8/83

TESTED BY: H. HYATT P. KOPITZKE

APPROVED BY *Thomas R. Hayes* DATE 8/4/83

# CHASSIS ACCEL

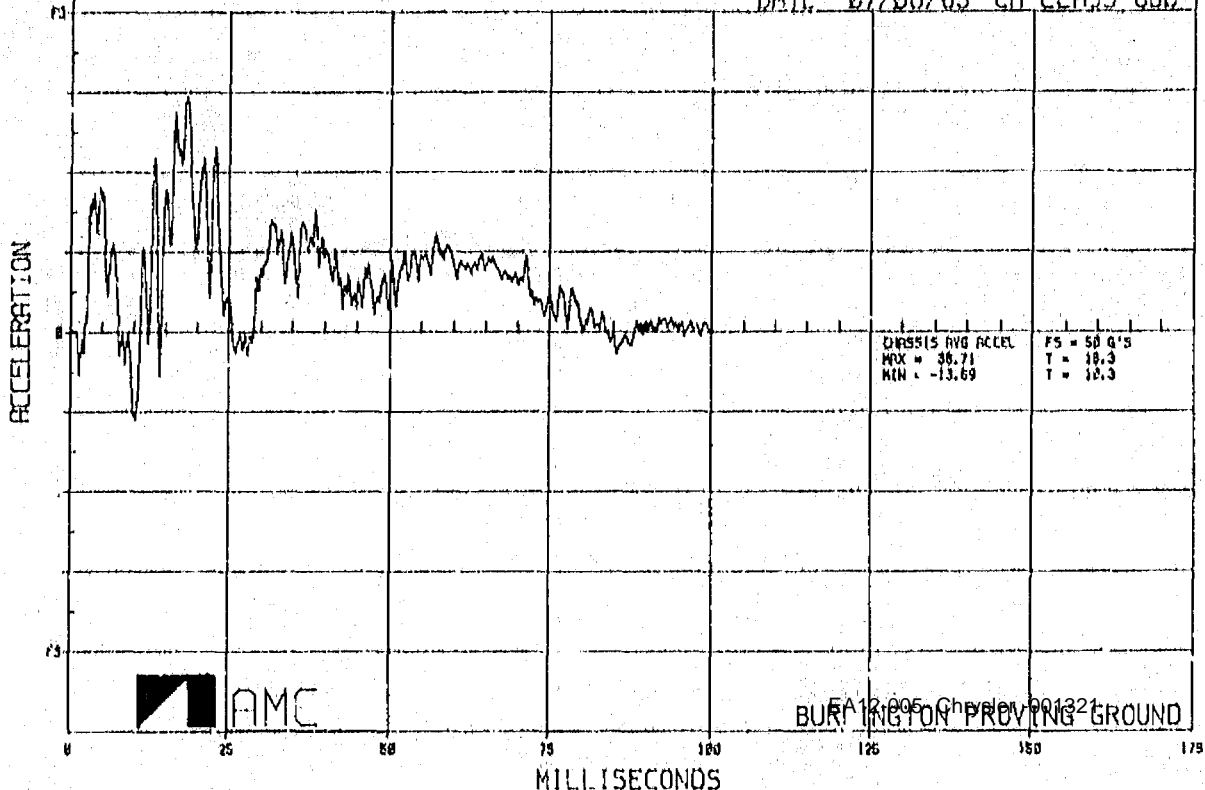
TEST# 1626  
MODEL 8478  
DATE 07/08/83 CH CLASS 600





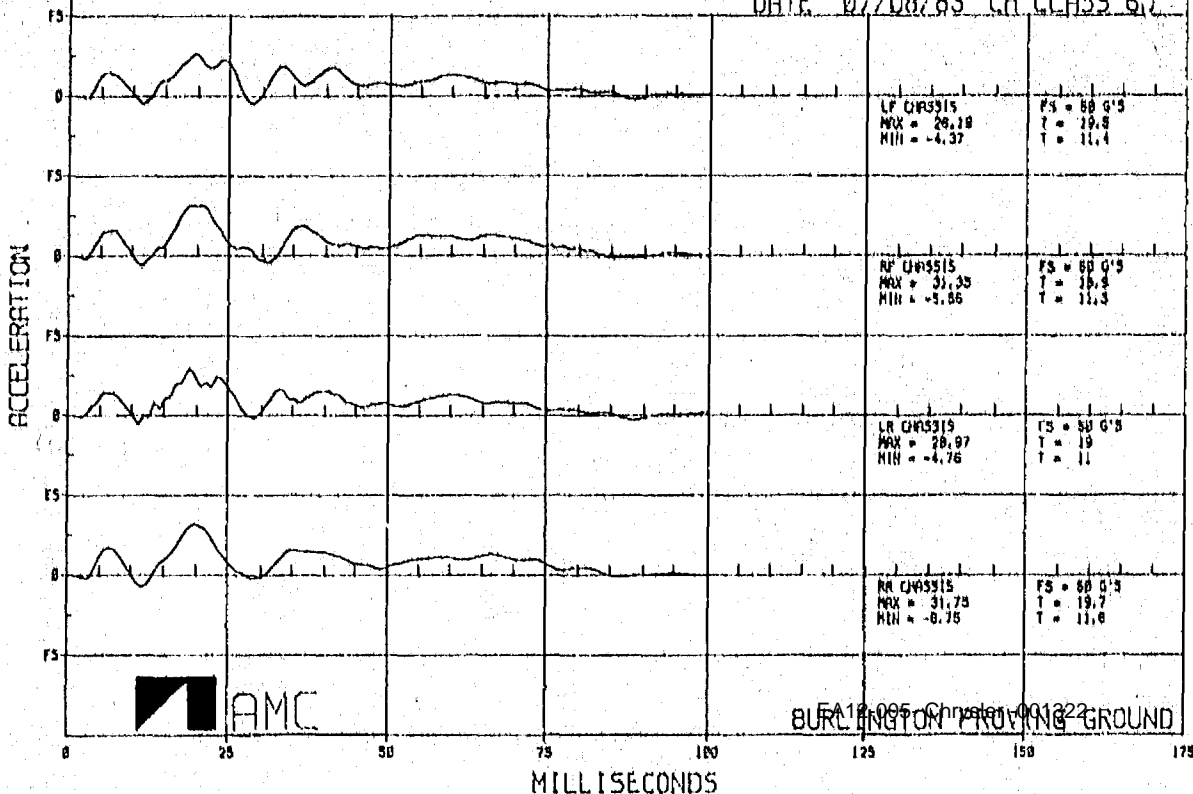
# CHASSIS AVG ACCEL

TEST# 1626  
MODEL 8478  
DATE 07/08/89 CH CLASS 600



# CHASSIS ACCEL

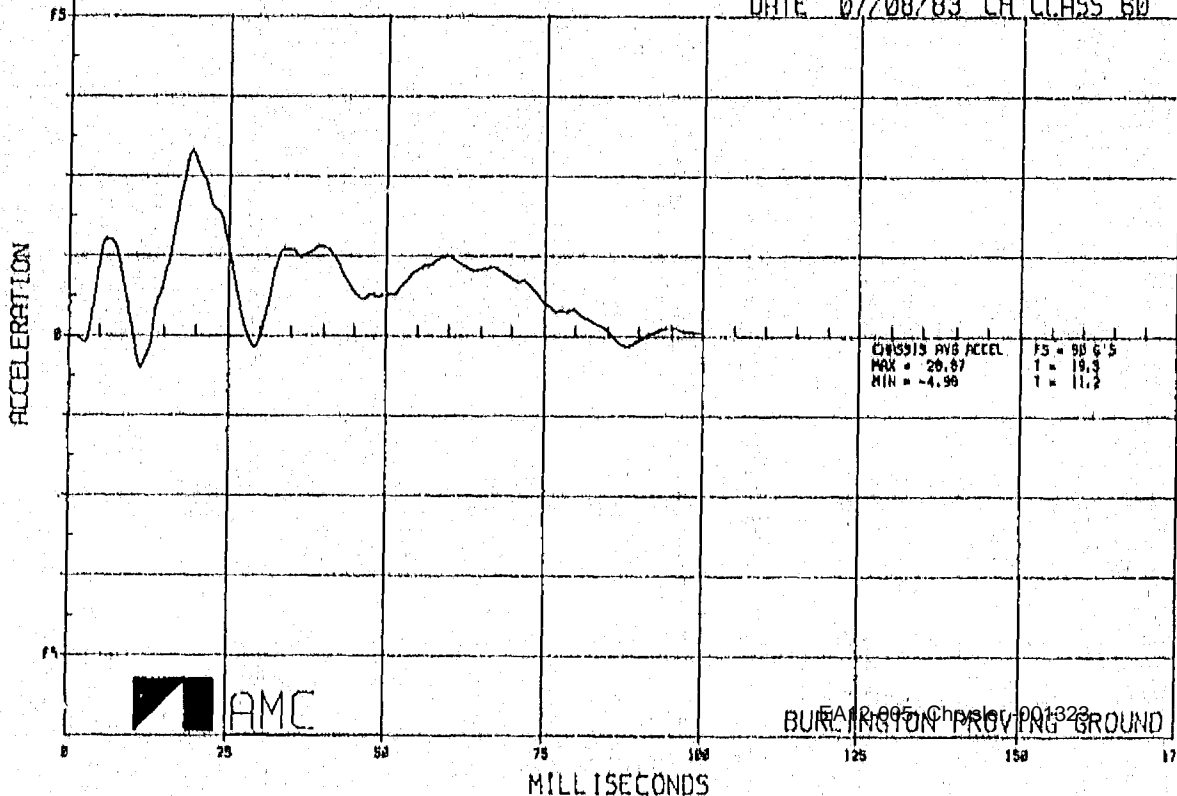
TEST# 1626  
 MODEL 8478  
 DATE 07/08/83 CH CLASS 61



FA18-005 Chrysler 001322  
 BURLINGTON PROVING GROUND

# CHASSIS AVG ACCEL

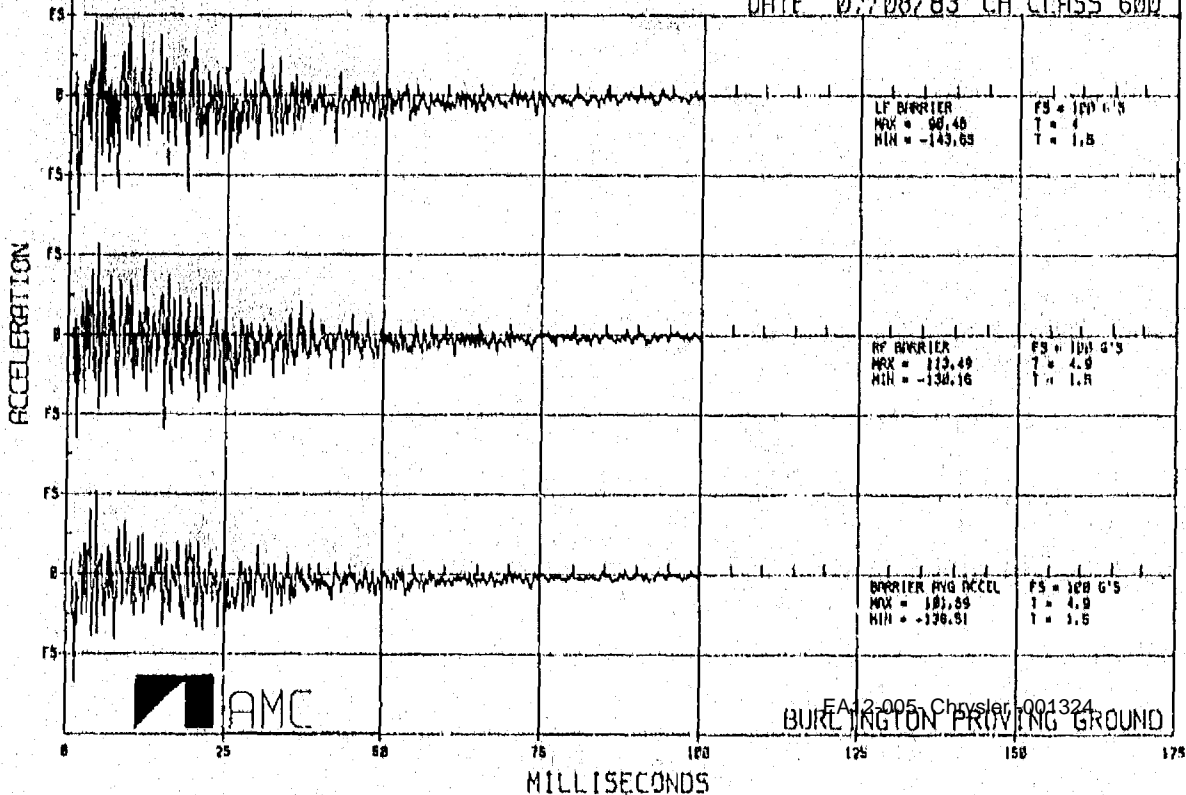
TEST#: 1626  
MODEL: 8478  
DATE: 07/08/83 CH CLASS 60



FA12-995 Chrysler 001323  
BURNINGTON PROVING GROUND

# BARRIER ACCEL

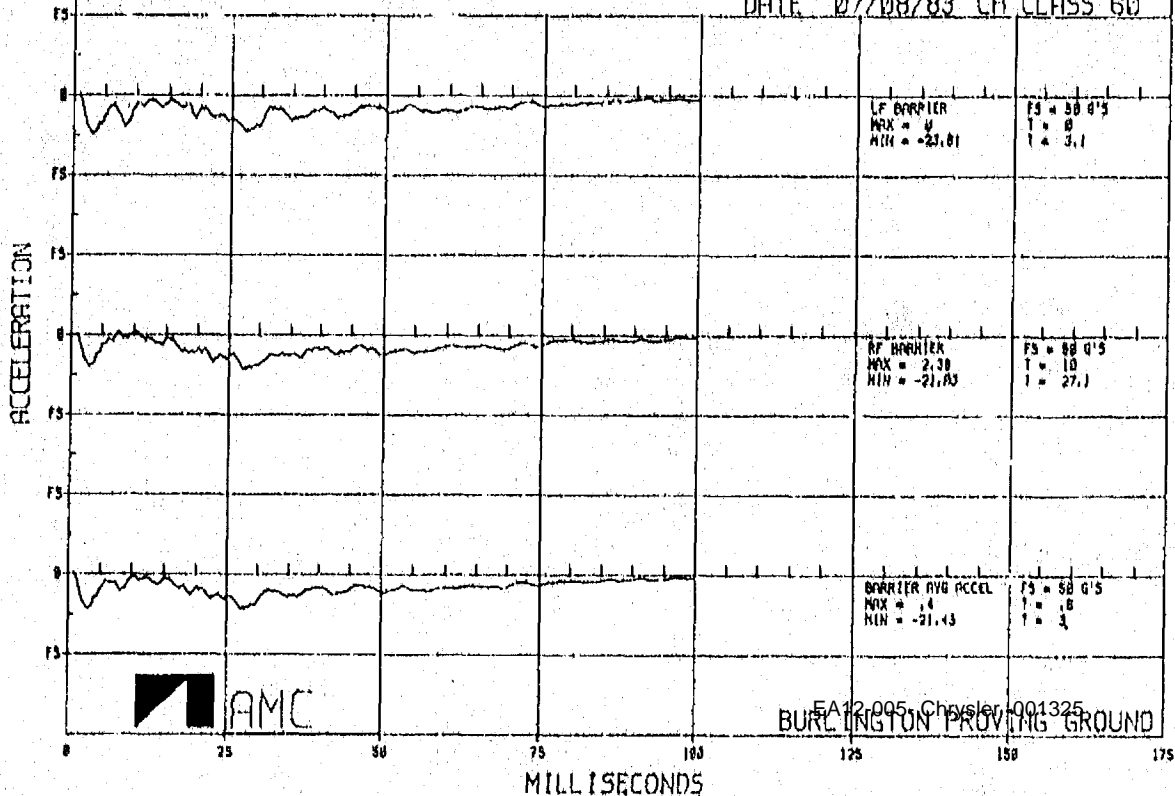
TEST# 1628  
MODEL 8478  
DATE 07.08/83 CH CLASS 600



EA 2-005 Chrysler 001324  
BURLINGTON PROVING GROUND

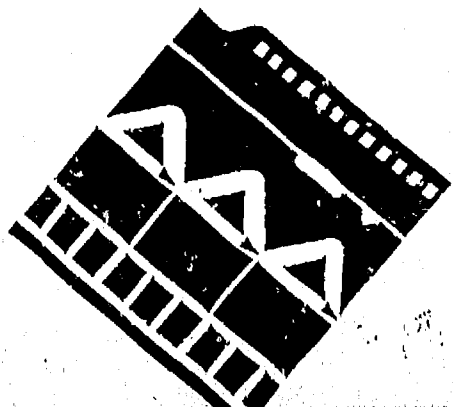
# BARRIER ACCEL

TEST# 1626  
MODEL 8473  
DATE 07/08/83 CH CLASS 60



EA12-005- Chrysler -001326

**CORRECTION  
PREVIOUS  
DOCUMENT(S)  
REPHOTOGRAPHED  
TO ASSURE  
LEGIBILITY**



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EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1671 Public



Image Source Inc.

801 Front Street

Chicago, Chicago 60605

419/427/1111



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Date 12 7 1994  
Month Day

Place Tulato CA  
City State

Leslie J. Fermao  
Signature

Inc. EA121005-Chrysler-001396  
Title

801 Front St.  
Location

BAKER

## AMERICAN MOTORS CORPORATION

## SAFETY TEST - SUMMARY SHEET

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST NO. 1671  
 MODEL TESTED B477 ENGINE TYPE AMC 1-4 CYL TEST DATE 6/28/83  
 TESTED FOR B477 JEEP XJ MODEL 2 DR WGN YEAR 1984 TEST SPEED 30.2 MPH  
 REQUESTED BY L. O. BAKER TEST HEIGHT 3962 LB.  
 REFERENCE WRITTEN TEST REQUEST DATED 6/15/83.

## TEST OBJECTIVE:

DEVELOPMENT TEST TO DEMONSTRATE COMPLIANCE TO AM1404G.

## VEHICLE DESCRIPTION:



## SUMMARY OF RESULTS

SFAN NO.	PASSED		DATA SUMMARY	DATA REFERENCE
	YES	NO		
-			VEHICLE CRUSH - INCHES	
14174			STG COL. MAX INTRU. - INCHES	
14173			WINDSHIELD - PERCENT RETENTION	
14187			BUMPERS	
14216			WINDSHIELD ZONE INTRUSION	
14046	X		FUEL SYSTEM INTEGRITY	
			FMVSS 208 PASS <input type="checkbox"/> FAIL <input type="checkbox"/>	

## COMMENTS:

FUEL LEAK OF 2 OZ. BY WEIGHT THE FIRST MINUTE AFTER IMPACT AND 2.2 OZ. BY WEIGHT THE SECOND MINUTE FROM FUEL TANK SENSING UNIT.

EA 12-005 Chrysler 504397

TEST DIRECTOR T. R. HAYEK J.P. Hayek REPORTED BY R. H. KRAHNTEST CO-ORDINATOR BT DATE 8/1/83

GENERAL VEHICLE DATA SHEET

TEST NO. 1671

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST DATE 6/20/83

ACTUAL SPEED 30.2 MPH ACTUAL MODEL TESTED 8477 TRANS. MANUAL

ENGINE AND I-4 I.D. NO. 72 PLT. DLT. TOLEDO MODEL TESTED FOR 8477

SEAT TYPE:  FDFB  FDSB  INDIV  HUCKET  OTHER: \_\_\_\_\_

YEAR: \_\_\_\_\_ SETTING: Midpoint which is \_\_\_\_\_ forward of the rearmost position.

REAR SEAT \_\_\_\_\_

STEERING WHEEL:  Std.  Sport  Other SETTING STRAIGHT AHEAD

DESCRIPTION: \_\_\_\_\_

STEERING COLUMN TYPE:  Prod. E.A.  Other DESCRIPTION: \_\_\_\_\_

FRONT BUMPER:  Conventional  E.A.  Other DESCRIPTION: \_\_\_\_\_

REAR BUMPER:  Conventional  E.A.  Other DESCRIPTION: \_\_\_\_\_

WEIGHT TO SIMULATE: FRONT: 1767 LBS. REAR: 2199 LBS. TOTAL: 3966 LBS.

WEIGHTS: BALLAST 160 LB @ UNDER HOOD DUMMIES --- LB.

1150 LB @ REAR SEAT FUEL 124 LB.

--- LB @ EQUIPMENT 10 LB.

TEST WEIGHT: FRONT 1758 LBS. REAR 2204 LBS. TOTAL 3962 LBS.

FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_

(At Axle)

FUEL TANK FILLED TO 96 % ( 19.2 gal.) OF RATED CAPACITY ( 20.2 gal.).

COMMENTS \_\_\_\_\_

EA12-005- Chrysler -001398

SAFETY TEST DIRECTOR T. R. HAYEK *J.P. Stuyck*

SAFETY TEST COORDINATOR *VH* DATE \_\_\_\_\_

# Pre-Test Modification Sheet

TEST NO. 1671

CAR NO. 72 TEST TYPE 30 MPH PERP. REAR IMPACT MOVABLE BARRIER

DATE 6/29/83 MECHANIC \_\_\_\_\_ REQUESTED BY L. O. BAKER

ACTUAL TEST WT. (LBS) FHT 1750 LB. REAR 2204 LB. TOTAL 3962 LB. DUMMIES USED NONE

WEIGHTS: BALLAST 150 LB. @ UNDER HOOD DUMMIES --- LB

1150 LB. @ REAR SEAT FUEL 124 LB

\_\_\_\_\_ LB. @ \_\_\_\_\_ EQUIPMENT 10 LB

FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_

FUEL TANK FILLED TO 95 % ( 19.2 gal) OF RATED CAPACITY ( 20.2 gals)

PART NUMBER	PART NAME	DESCRIPTION
		[ ]

EA12-005- Chrysler -001399

TYPE OF TEST: 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST NO. 1671

TEST DATE: 6/28/83

TEST SPEED: DESIRED 30.2 MPH, TIME 1:22 PM TRAP --- MPH

INSTRUMENT CONTINUITY ALL INSTRUMENTATION RAN. LASER 30.2 MPH

CAMERAS ALL CAMERAS RAN.

SEATS SEATS REMOVED.

DUMMIES NO DUMMIES USED.

FUEL SYSTEM

SPARE TIRE AND JACK NO SPARE TIRE OR JACK.

OTHER COMMENTS

EA12-005- Chrysler -001400

INSPECTED BY J. P. McCARTHY TEST DIRECTOR T. R. HAYEK

SFAM - 14046

TEST NO. 1671

MODEL 0477

TEST TYPE 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST DATE 6/28/83

Fuel spillage in the 5 minute period following cessation of vehicle motion after impact. (Total) 4.2 OZ. BY WEIGHT

Fuel spillage during subsequent 25 minute period. (Total) NONE

During the 25 minute period, did the spillage exceed one ounce by weight at any one minute? Yes  No

COMMENTS: FUEL LEAK OF 2 OZ. BY WEIGHT THE FIRST  
MINUTE AFTER IMPACT AND 2.2 OZ. BY WEIGHT  
THE SECOND MINUTE FROM FUEL TANK SENDING  
UNIT.

Checked by: J. P. McCARTHY

Did this vehicle meet or exceed performance criteria of A.M. Spec. 14046?

Yes  No

PRE-CRASH  
 POST-CRASH

ROLL OVER TEST REPORT

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST NO. 1671  
MODEL TESTED 8477 ENGINE AMC 1-4 TRANS. MANUAL TEST DATE 6/27/83  
TESTED TO 8477 V.I.N. OR I.D. 72 PLANT BUILT TOLEDO

<input checked="" type="checkbox"/> BAY. REMOVED	<input checked="" type="checkbox"/> AIR CLEANER OIL
<input checked="" type="checkbox"/> COOLANT DRAINED	<input checked="" type="checkbox"/> FUEL SYSTEM PURGED
<input checked="" type="checkbox"/> ENG. OIL DRAINED	<input checked="" type="checkbox"/> VERT SYSTEM PURGED
<input checked="" type="checkbox"/> HOOD REMOVED	<input checked="" type="checkbox"/> TANK TO 95% CAP, W/STANDARD SOLVENT

COMMENTS

Time duration from barrier impact until start of static rollover test, \_\_\_\_\_  
Time duration to rotate vehicle through 90 degrees; 3 minutes.

<input checked="" type="checkbox"/> 0-90° RT. SIDE DOWN - COUNTERCLOCKWISE	<input checked="" type="checkbox"/> 0-90° LEFT SIDE DOWN - COUNTERCLOCKWISE
① NO LEAKS	① NO LEAKS
② 1ST MIN. NO LEAKS 3RD MIN. NO LEAKS	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
<input checked="" type="checkbox"/> 90-180° UPSIDE DOWN	<input checked="" type="checkbox"/> 90-180° UPSIDE DOWN
① NO LEAKS	① NO LEAKS
② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
<input checked="" type="checkbox"/> 180-270° LEFT SIDE DOWN	<input checked="" type="checkbox"/> 180-270° RIGHT SIDE DOWN
① NO LEAKS	① NO LEAKS
② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
<input checked="" type="checkbox"/> 270-0° NORMAL ATTITUDE	<input checked="" type="checkbox"/> 270-0° NORMAL ATTITUDE
① NO LEAKS	① NO LEAKS
② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS

EA12-005; Chrysler - 001402

- ① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

HIGH SPEED MOTION PICTURE ANALYSIS

TEST DATE: June 28, 1983	MODEL: 8477	TEST NO. 1671
TYPE OF TEST: Perpendicular Rear Impact --- Movable Barrier		
ANALYZED SPEED: 29.6 M.P.H.		

Note: Analysis for speed only. (Vehicle was pre-hit as Test 1620 -- front impact.)

ANALYSIS BY: Alex Spitroff

EA12-005 Chrysler 001403  
DATE: July 8, 1983



TEST NO. 1671

WISCONSIN TEST CENTER  
SAFETY TESTING - INSTRUMENTATION DEPARTMENT

MODEL 0477

TEST DATE 6/28/83

TESTED BY: II. HYATT P. KOPITZKE

APPROVED BY *Thomas P. Nuyck* DATE 8/4/83

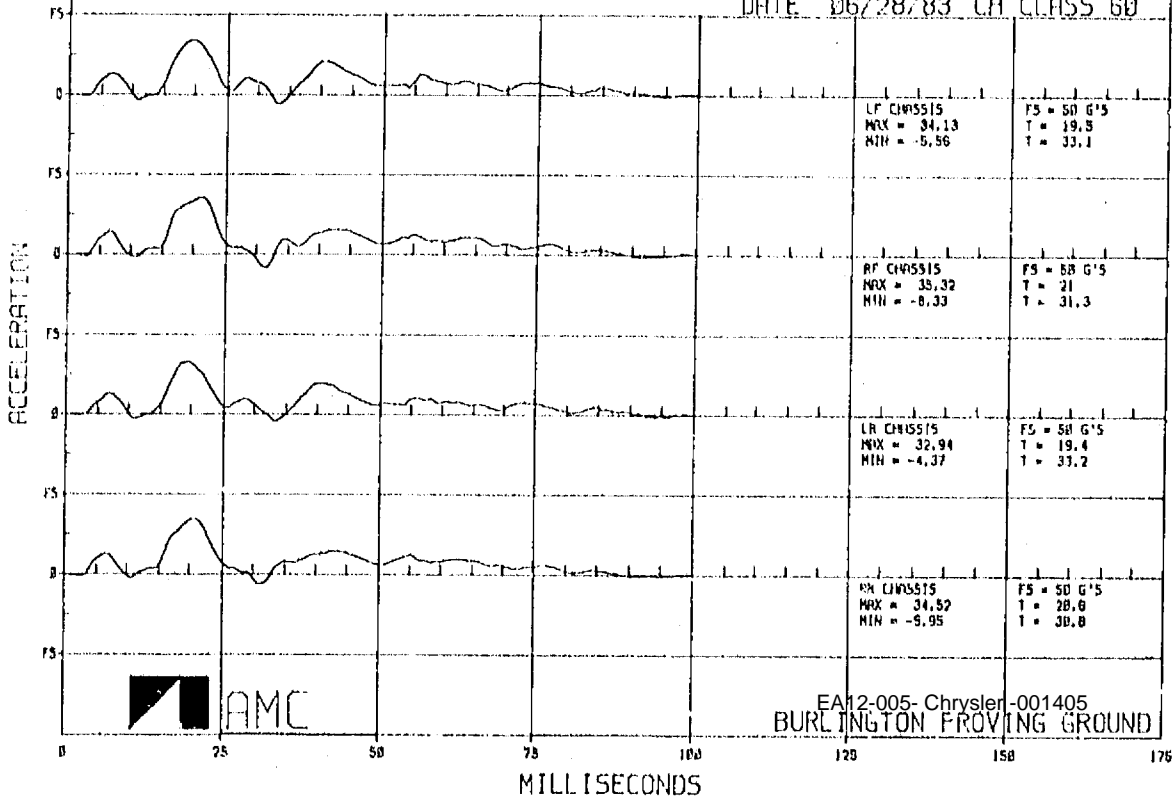
EA12-005- Chrysler -001404

# CHASSIS ACCEL

TEST# 1671

MODEL 8477

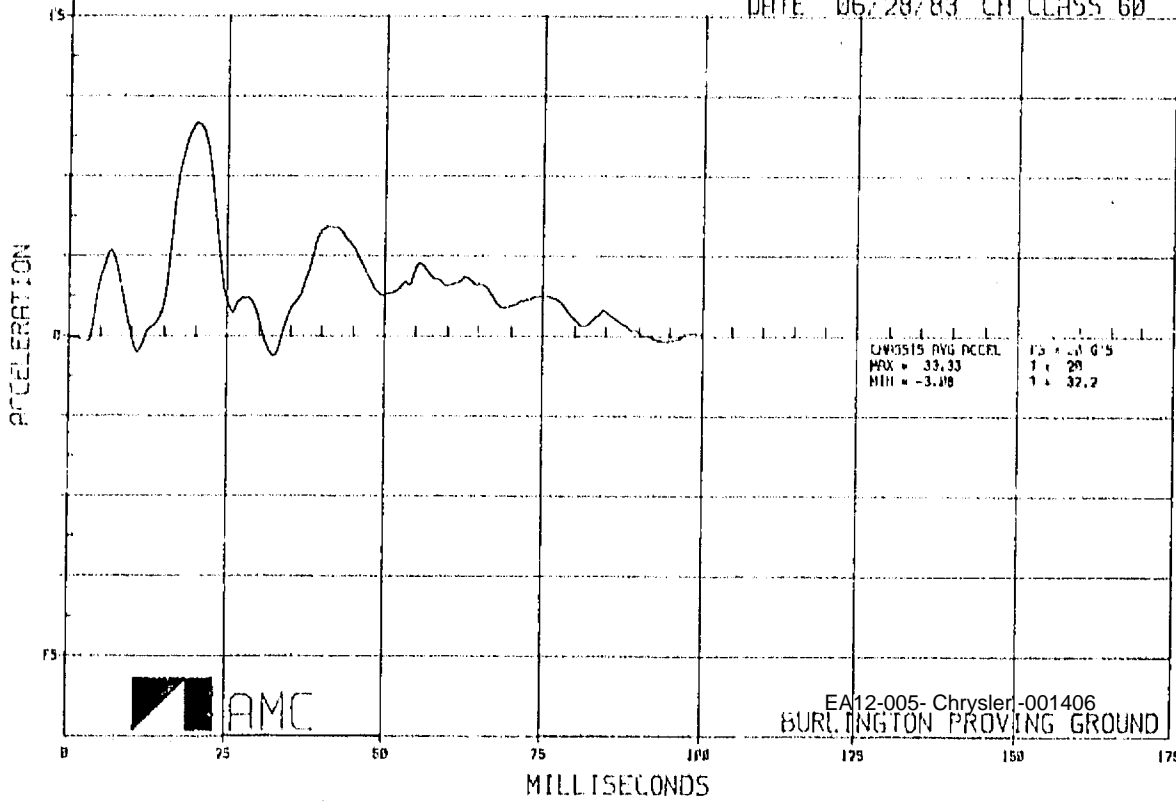
DATE 06/28/83 CH CLASS 60



EA12-005-Chrysler-001405  
BURLINGTON PROVING GROUND

# CHASSIS AVG ACCEL

TEST# 1671  
MODEL 8477  
DATE 06/20/83 CH CLASS 60



CHASSIS AVG ACCEL 15  
MAX = 33.33  
MIN = -3.08

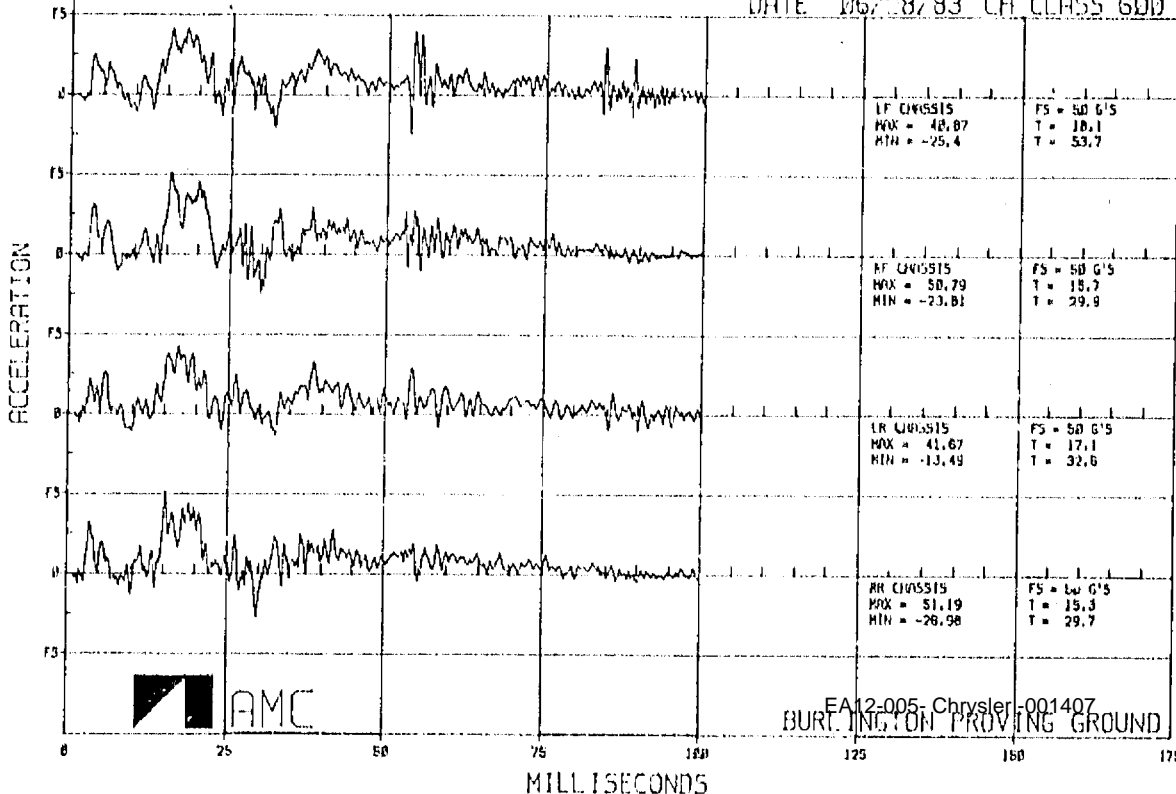


EA12-005-Chrysler-001406  
BURLINGTON PROVING GROUND

MILLISECONDS

# CHASSIS ACCEL

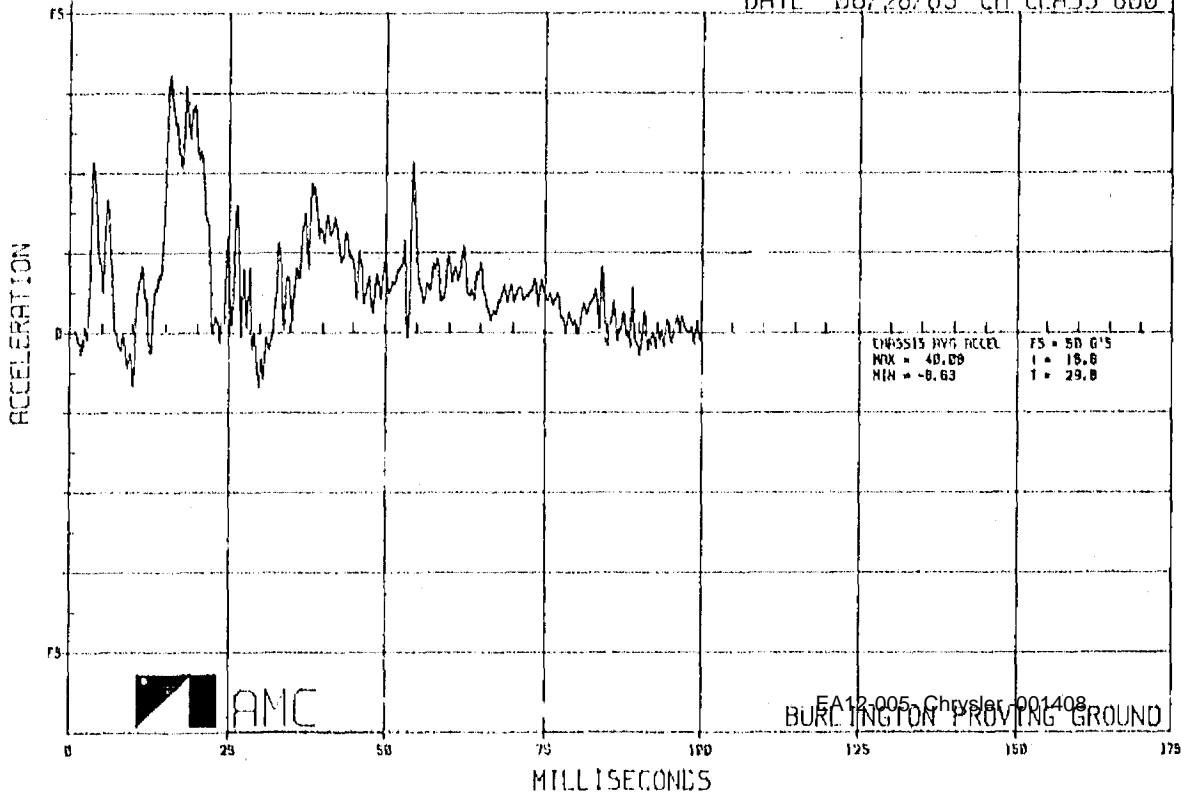
TEST# 1071  
 MODEL 8477  
 DATE 06/28/83 CH CLASS 600



EA12-005-Chrysler-001407  
 BURTINGTON PROVING GROUND

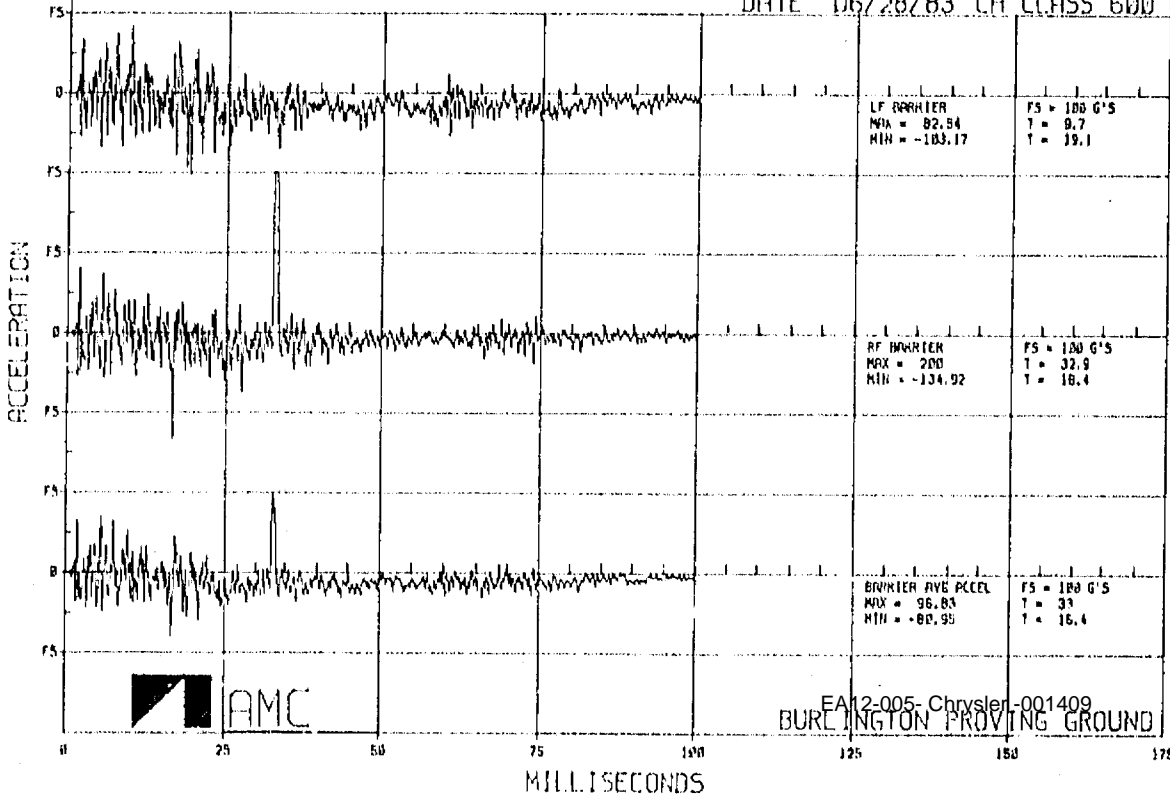
# CHASSIS AVG ACCEL

TEST# 1671  
MODEL 8477  
DATE 06/28/83 CH CLASS 600



# BARRIER ACCEL

TEST# 1671  
MODEL 8477  
DATE 06/28/83 CH CLASS 600



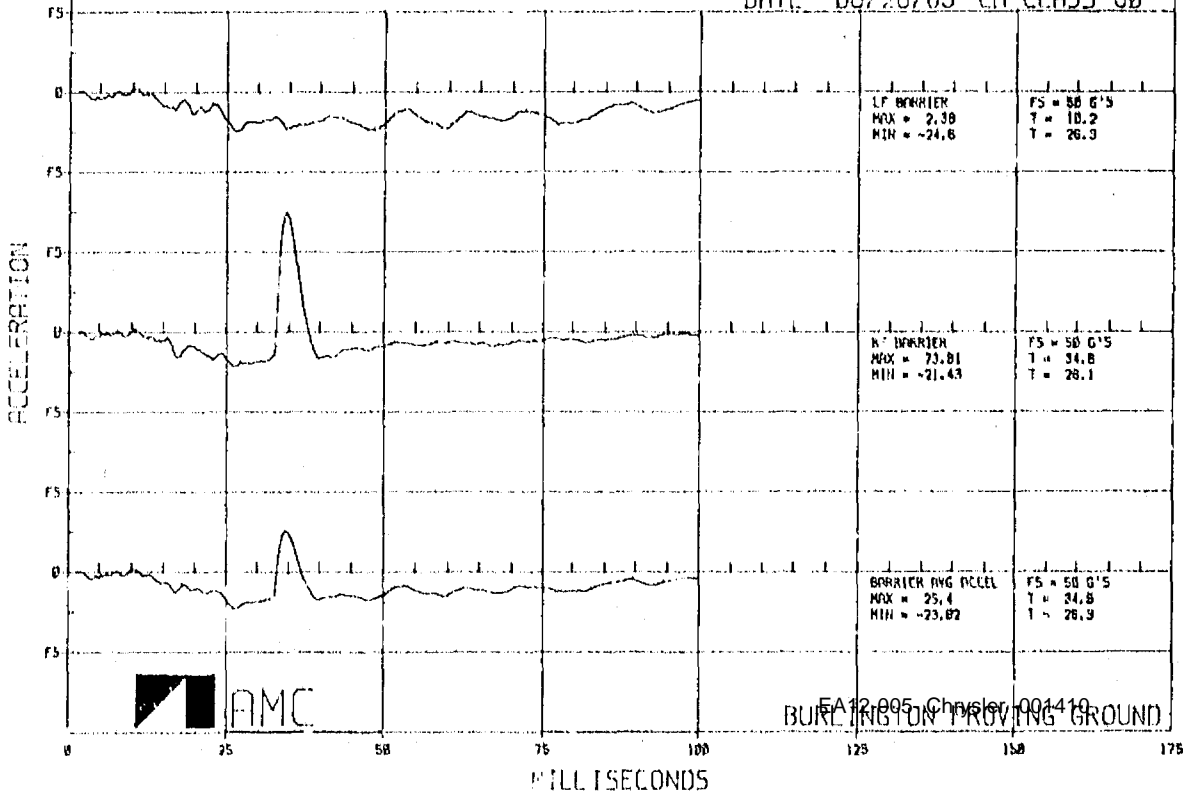
EA12-005-Chrysler-001409  
BURLINGTON PROVING GROUND

# BARRIER ACCEL

TEST# 1671

MODEL 8477

DATE 06/28/83 CH CLASS 60



*Faber*

EA12-005- Chrysler -001411



EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1679 Public

Image Source Inc.

801 Front Street

Toledo, Ohio 43605

419/677-1111



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Date 12 7 1954  
Month Day

Leslie Forman  
Signature

Place Toledo OH  
City State

Mr. EA12005-Chrysler 6001412  
Title

801 Front St.  
Location

SAFETY TEST - SUMMARY SHEET

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST NO. 1679  
 MODEL TESTED 0477 ENGINE TYPE AMC 1-4 TEST DATE 6/30/83  
 TESTED FOR 0477 MODEL 2 DR WGN YEAR 1984 TEST SPEED 30.4 MPH  
 REQUESTED BY L. O. BAKER TEST WEIGHT 4005 LBS.  
 REFERENCE WRITTEN TEST REQUEST DATED 6/23/83

TEST OBJECTIVE:

DEVELOPMENT TEST TO DEMONSTRATE COMPLIANCE TO FMVSS 208.

VEHICLE DESCRIPTION:

SUMMARY OF RESULTS

SFAY NO.	PASSED		DATA SUMMARY	DATA REFERENCE
	YES	NO		
-			VEHICLE CRUSH - INCHES	
14174			STG COL MAX INTRU. - INCHES	
14175			WINDSHIELD - PERCENT RETENTION	
14187			BUMPERS	
1421			WINDSHIELD ZONE INTRUSION	
14046	X		FUEL SYSTEM INTEGRITY	
			FMVSS 208 PASS <input type="checkbox"/> FAIL <input type="checkbox"/>	

COMMENTS:

EA12-005- Chrysler -001413

TEST DIRECTOR T. R. HAYEK *S.P. Lloyd* REPORTED BY R. H. KRANN  
 TEST CO-ORDINATOR BJS DATE 7/1/83

GENERAL VEHICLE DATA SHEET

TEST NO. 1679

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVABLE CARRIER TEST DATE 6/30/83

ACTUAL SPEED 30.4 MPH ACTUAL MODEL TESTED 8477 TRANS. AUTOMATIC

ENGINE 4-1 I.D. NO. 153 PLT. BLT. TOLEDO MODEL TESTED FOR 8477

SEAT TYPE:  FBFB  FBSB  INDIV  BUCKET  OTHER: \_\_\_\_\_

YEAR: \_\_\_\_\_ SETTING: Midpoint which is \_\_\_\_\_ forward of the rearmost position.

REAR SEAT \_\_\_\_\_

STEERING WHEEL:  Std.  Sport  Other SETTING STRAIGHT AHEAD

DESCRIPTION: \_\_\_\_\_

STEERING COLUMN TYPE:  Prod. E.A.  Other DESCRIPTION: \_\_\_\_\_

FRONT BUMPER:  Conventional  E.A.  Other DESCRIPTION: \_\_\_\_\_

REAR BUMPER:  Conventional  E.A.  Other DESCRIPTION: \_\_\_\_\_

WEIGHT TO SIMULATE: FRONT: 1027 LBS. REAR: 225 LBS. TOTAL: 1079 LBS.

HEIGHTS: BALLAST 1000 LB @ REAR SEAT AREA DUMMIES \_\_\_\_\_ LB.

150 LB @ UNDER HOOD FUEL 124 LB.

50 LB @ FRONT SEAT EQUIPMENT 10 LB.

TEST WEIGHT: FRONT 1027 LBS. REAR 225 LBS. TOTAL 1079 LBS.

FLOOR HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_

(At Axle)

FUEL TANK FILLED TO 95 % ( 19.2 gal.) OF RATED CAPACITY ( 20.2 gal.).

COMMENTS \_\_\_\_\_

EA12-005-Chrysler-001414

SAFETY TEST DIRECTOR T. HAWER *J. E. Rayer*

SAFETY TEST COORDINATOR 87 DATE \_\_\_\_\_

# Pre-Test Modification Sheet

TEST NO. 1679

CAR NO. 153 TEST TYPE 30 MPH PERP. REAR IMPACT MOVABLE BARRIER

DATE 6/29/83 MECHANIC \_\_\_\_\_ REQUESTED BY L. O. BAKER

ACTUAL TEST WT. (LBS): FRT. 1027 LBS. REAR 2250 LBS. TOTAL 4085 LBS. DUMMIES USED ---

WEIGHTS BALLAST 1000 LB. @ REAR SEAT AREA DUMMIES --- LB.

150 LB. @ UNDER HOOD FUEL 124 LB.

50 LB. @ FRONT SEAT EQUIPMENT 10 LB.

FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_

FUEL TANK FILLED TO 95 % ( 19.2 gal ) OF RATED CAPACITY ( 20.2 gals )

PART NUMBER	PART NAME	DESCRIPTION
		<div style="border: 1px solid black; width: 100px; height: 100px; margin: auto; display: flex; align-items: center; justify-content: center;"> <span style="font-size: 2em; color: yellow;">[ ]</span> </div>

EA12-005- Chrysler -001415

TYPE OF TEST: 30 MPH PERP. REAR IMPACT MOVABLE BARRIER

TEST NO.: 1679

TEST DATE: 6/30/83

BEST SPEED: DESIRED 30.2 MPH.

TIME 10:16 AM

TRAP --- MPH

INSTRUMENT CONTINUITY ALL INSTRUMENTATION RAN.

LASER 30.4 MPH

CAMERAS ALL CAMERAS RAN.

SEATS

DUMMIES NO DUMMIES USED.

FULL SYSTEM

SPARE TIRE AND JACK SPARE TIRE AND JACK REMAINED SECURE.

OTHER COMMENTS

EA12-005- Chrysler-001416

INSPECTED BY J. P. MCCARTHY

TEST DIRECTOR

SFAM - 14046

TEST NO. 1679

MODEL 8477

TEST TYPE 30 MPH.PERP. REAR IMPACT MOVABLE BARRIER TEST DATE 6/30/83

Fuel spillage in the 5 minute period following  
cessation of vehicle motion after impact. (Total) NONE

Fuel spillage during subsequent 25 minute period,  
(Total) NONE

During the 25 minute period, did the spillage  
exceed one ounce by weight at any one minute? Yes  No

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Checked by: J. P. McCARTHY

Did this vehicle meet or exceed performance criteria of A.M. Spec. 14046?

Yes  No



WASH  
CRASH

ROLL OVER TEST REPORT

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST NO. 1679  
 MODEL TESTED 8477 ENGINE 514 TRANS. AUTOMATIC TEST DATE 6/29/83  
 TESTED FOR 8477 V.I.N. OR I.D. 153 PLANT BUILT TOLEDO

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> BATT. REMOVED    | <input checked="" type="checkbox"/> AIR CLEANER OFF                        |
| <input checked="" type="checkbox"/> COOLANT DRAINED  | <input checked="" type="checkbox"/> FUEL SYSTEM DRAINED                    |
| <input checked="" type="checkbox"/> ENG. OIL DRAINED | <input checked="" type="checkbox"/> VENT SYSTEM DRAINED                    |
| <input checked="" type="checkbox"/> HOPE REMOVED     | <input checked="" type="checkbox"/> TANK TO 95% CAP.<br>W/STANDARD SOLVENT |

COMMENTS

Time duration from barrier impact until start of static rollover test. \_\_\_\_\_  
 Time duration to rotate vehicle through 90 degrees: 3 minutes.

① 0-90° RT. SIDE DOWN - CLOCKWISE	① 0-90° LEFT SIDE DOWN
① NO LEAKS	①
② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
③ 90-180° UPSIDE DOWN  NO LEAKS	③ 90-180° UPSIDE DOWN  ①
④ 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	④ 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
⑤ 180-270° LEFT SIDE DOWN  ① NO LEAKS	⑤ 180-270° RIGHT SIDE DOWN  ①
⑥ 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	⑥ 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
⑦ 270-0° NORMAL ATTITUDE  NO LEAKS	⑦ 270-0° NORMAL ATTITUDE  EA12-005- Chrysler -001418

① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
 ② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.



PRE CRASH  
 POST CRASH

ROLL OVER TEST REPORT

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST NO. 1679  
 MODEL TESTED 0477 ENGINE AHC I-4 TRANS. AUTOMATIC TEST DATE 6/30/83  
 TESTED FOR 0477 V.I.N. OR I.D. 153 PLANT BUILT TOLEDO

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> BAT. REMOVED     | <input checked="" type="checkbox"/> AIR CLEANER ON                         |
| <input checked="" type="checkbox"/> COOLANT DRAINED  | <input checked="" type="checkbox"/> FUEL SYSTEM DRAINED                    |
| <input checked="" type="checkbox"/> CRG. OIL DRAINED | <input checked="" type="checkbox"/> VENT SYSTEM PURGED                     |
| <input checked="" type="checkbox"/> WOOD REMOVED     | <input checked="" type="checkbox"/> TANK TO 95% CAP.<br>W/STANDARD SOLVENT |

CONNECT

Time duration from barrier impact until start of static rollover test. 4 HOURS  
 Time duration to rotate vehicle through 90 degrees: 3 minutes.

<p><input checked="" type="checkbox"/> <u>0-90° RT. SIDE DOWN - CLOCKWISE</u></p> <p><input checked="" type="checkbox"/> NO LEAKS</p> <p><input checked="" type="checkbox"/> 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p> <p><input checked="" type="checkbox"/> <u>90-180° UPSIDE DOWN</u></p> <p><input checked="" type="checkbox"/> NO LEAKS</p> <p><input checked="" type="checkbox"/> 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p> <p><input checked="" type="checkbox"/> <u>180-270° LEFT SIDE DOWN</u></p> <p><input checked="" type="checkbox"/> NO LEAKS</p> <p><input checked="" type="checkbox"/> 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p> <p><input checked="" type="checkbox"/> <u>270-0° NORMAL ATTITUDE</u></p> <p><input checked="" type="checkbox"/> NO LEAKS</p>	<p><input checked="" type="checkbox"/> <u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u></p> <p><input checked="" type="checkbox"/> NO LEAKS</p> <p><input checked="" type="checkbox"/> 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p> <p><input checked="" type="checkbox"/> <u>90-180° UPSIDE DOWN</u></p> <p><input checked="" type="checkbox"/> NO LEAKS</p> <p><input checked="" type="checkbox"/> 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p> <p><input checked="" type="checkbox"/> <u>180-270° RIGHT SIDE DOWN</u></p> <p><input checked="" type="checkbox"/> NO LEAKS</p> <p><input checked="" type="checkbox"/> 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p> <p><input checked="" type="checkbox"/> <u>270-0° NORMAL ATTITUDE</u></p> <p><input checked="" type="checkbox"/> NO LEAKS</p>
---	---

EA12-005, Chrysler-001419

- LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
 LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

HIGH SPEED FRONT PICTURE ANALYSIS

TEST DATE: June 30, 1983

LOGID: 8477

TEST NO. 1679

TYPE OF TEST: Perpendicular Rear Impact --- Movable Barrier

ANALYZED SPEED: 30.1 M.P.H.

Note: Analysis for speed only. (This vehicle pre-hit in Test 1654 -- Same Vehicle)

ANALYSIS BY: Alex Spiroff

EA12-005 Chrysler 001420

TEST NO. 1679

WISCONSIN TEST CENTER  
SAFETY TESTING - INSTRUMENTATION DEPARTMENT

MODEL 8477

TEST DATE 6/30/83

TESTED BY: H. HYATT P. KOPPEKE

APPROVED BY

*Thomas R. Dwyer*

DATE

7/20/83

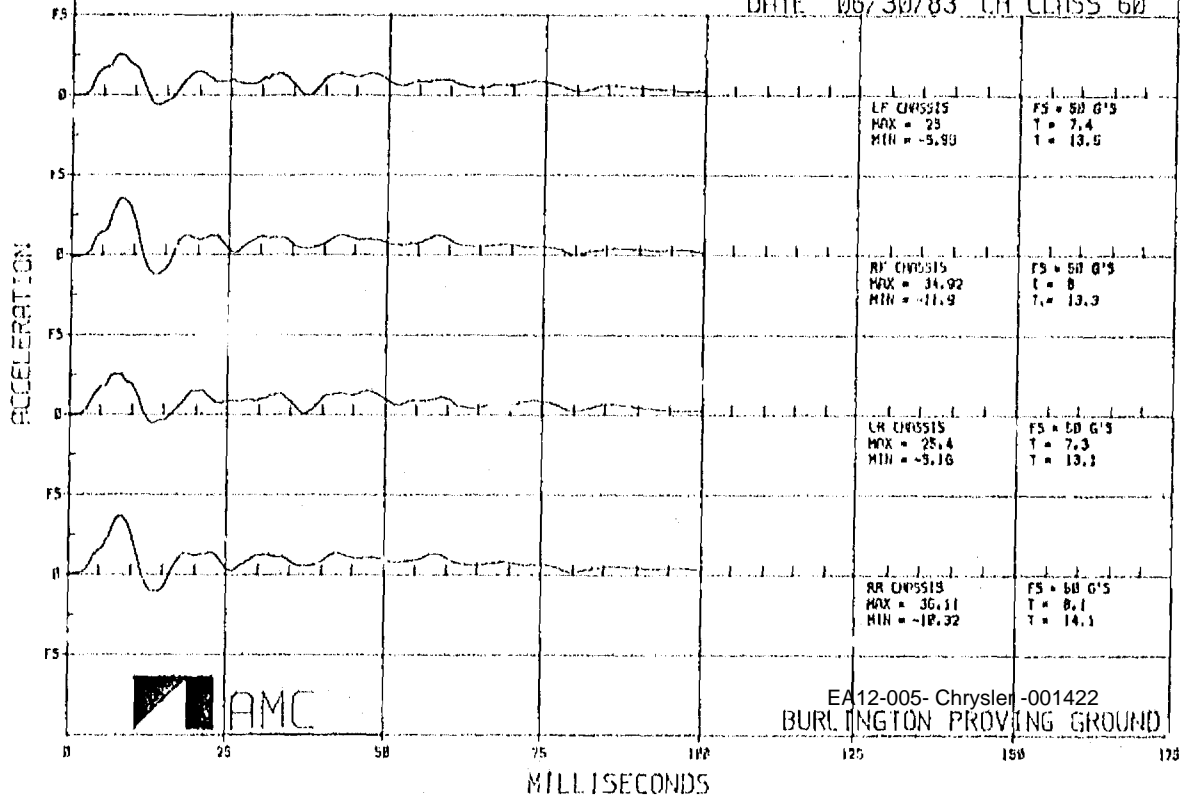
EA12-005- Chrysler -001421

# CHASSIS ACCEL

TEST# 1679

MODEL 8477

DATE 06/30/83 CH CLASS 60

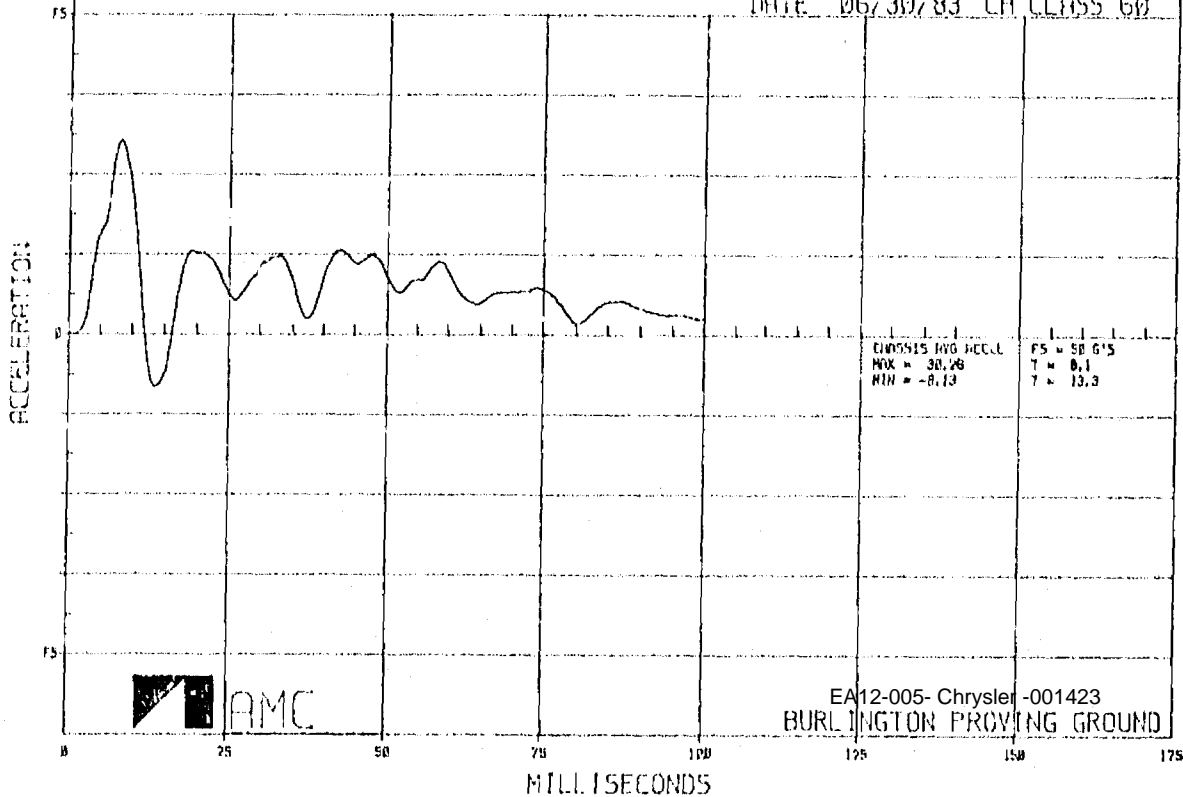


# CHASSIS AVG ACCEL

TEST# 1679

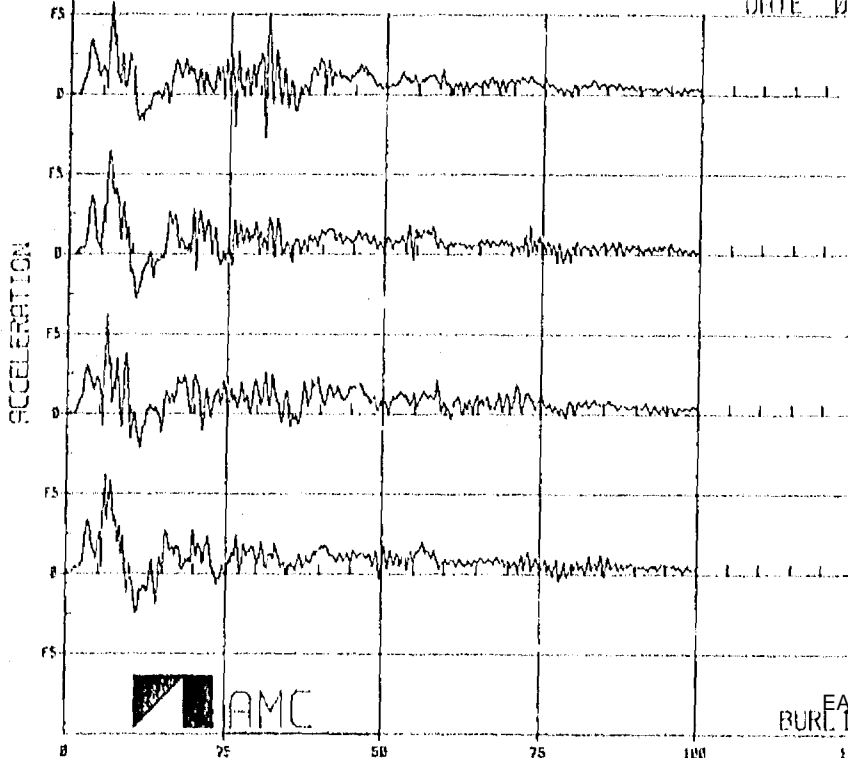
MODEL 8477

DATE 06/30/83 CH CLASS 60



# CHASSIS ACCEL

TEST# 1673  
 MODEL 8477  
 DATE 06/30/83 CH CLASS 600



LF CHASSIS  
 MAX = 56.75  
 MIN = -27.38

FS = 60 G'S  
 T = 6.4  
 T = 38.8

RF CHASSIS  
 MAX = 63.49  
 MIN = -28.17

FS = 50 G'S  
 T = 6.3  
 T = 18.6

LR CHASSIS  
 MAX = 61.51  
 MIN = -21.83

FS = 50 G'S  
 T = 6.2  
 T = 11.4

RR CHASSIS  
 MAX = 61.11  
 MIN = -25

FS = 50 G'S  
 T = 6.1  
 T = 18.9

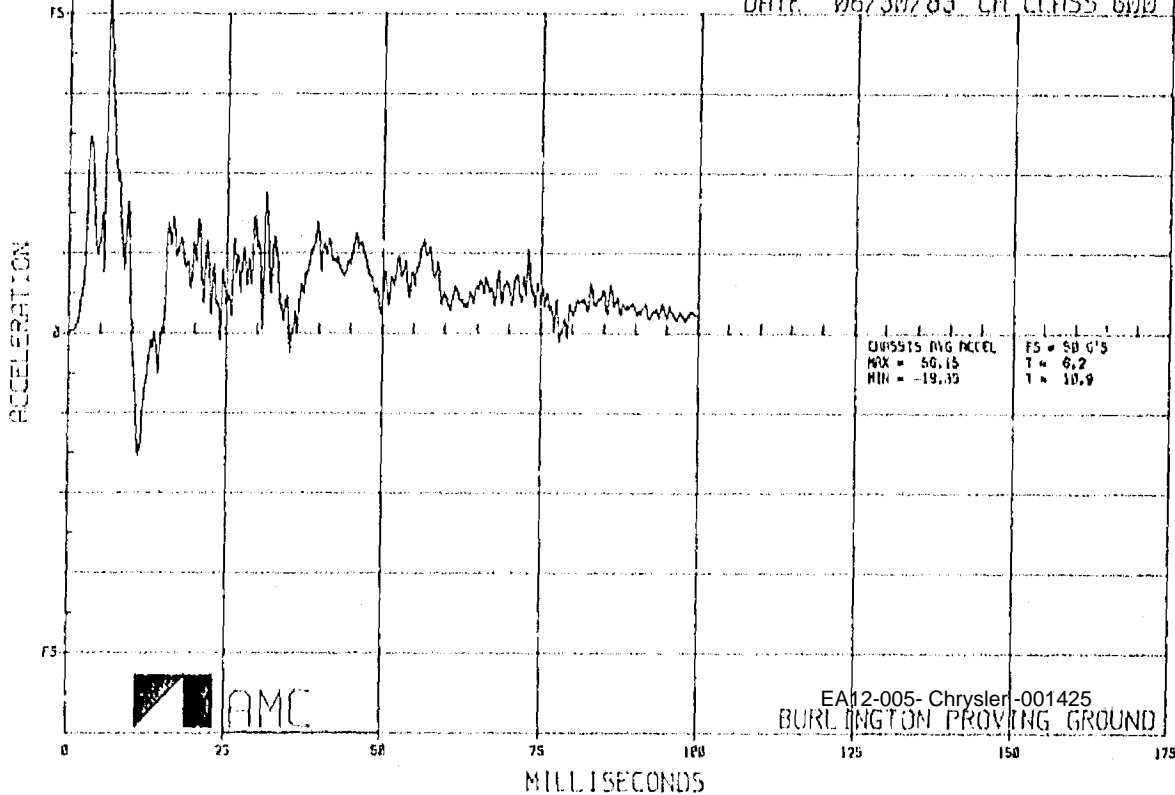


EA12-005- Chrysler -001424  
 BURLINGTON PROVING GROUND

MILLISECONDS

# CHASSIS AVG ACCEL

TEST# 1679  
MODEL 8477  
DATE 06/30/83 CH CLASS 600

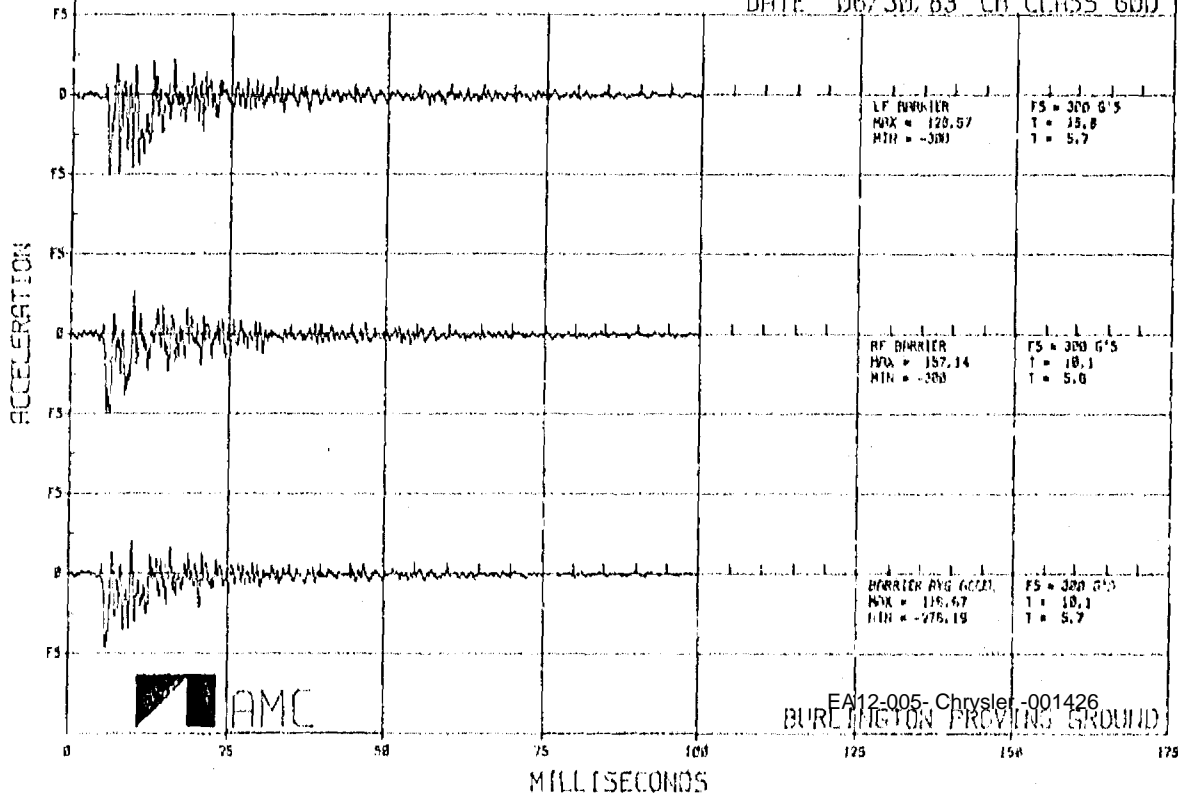


# BARRIER ACCEL

TEST# 1679

MODEL 8477

DATE 06/30/83 CH CLASS 600



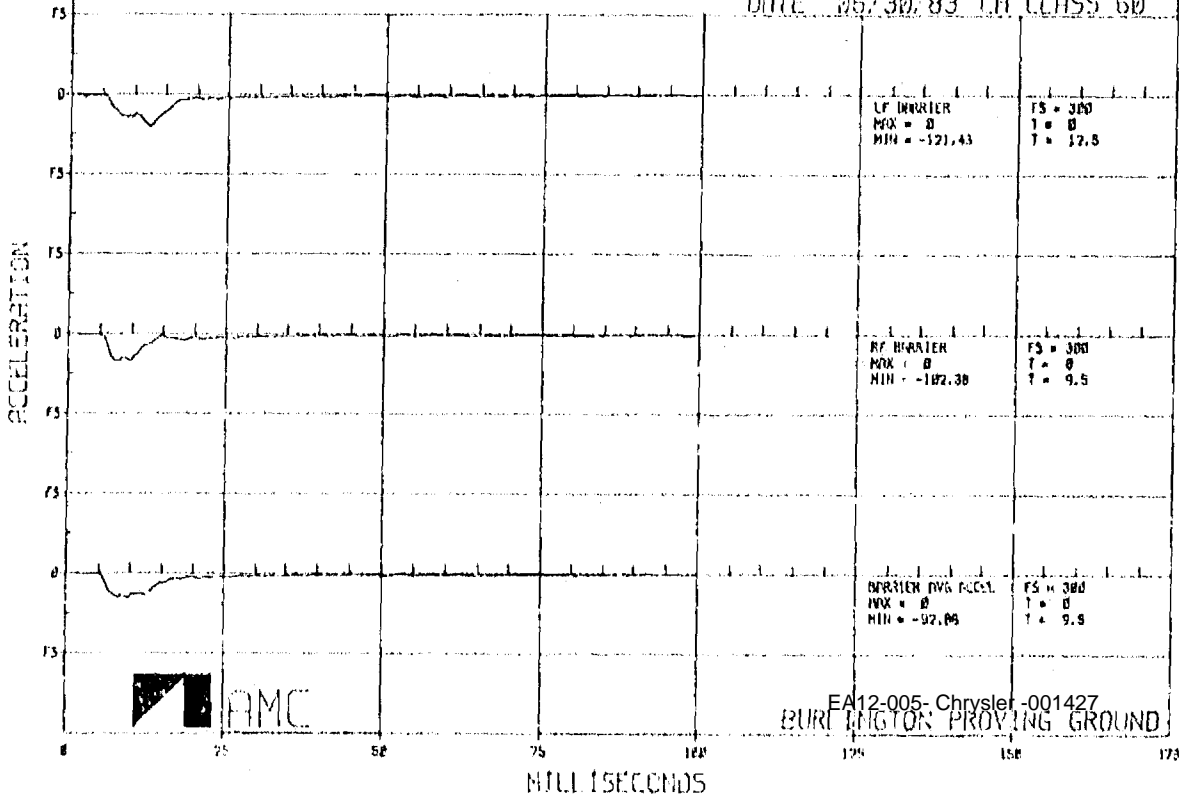


# BARRIER ACCEL

TEST# 1679

MODEL 8477

DATE 06/30/83 CH CLASS 60



1. BARRIER  
MAX = 0  
MIN = -121.43

FS = 300  
T = 0  
T = 17.5

RF BARRIER  
MAX = 0  
MIN = -102.30

FS = 300  
T = 0  
T = 9.5

BARRIER AVG ACCEL  
MAX = 0  
MIN = -92.06

FS = 300  
T = 0  
T = 9.5

EA12-005-Chrysler-001427  
BURLINGTON PROVING GROUND

8/28/82

EA12-005- Chrysler -001428

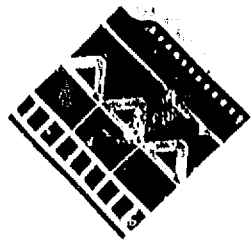
EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1689 photos

Image Source Inc.

801 Front Street

Toledo Ohio 43605

419/677-1111



DECLARATION OF INTENT AND PURPOSE

I Thomas J. Carden, employed by The Image Source, Inc. do hereby declare that the records microfilmed herein are actual records of the Chrysler Corp. AMC Vehicle Crash tests created during its normal course of business and that:

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It is the policy of this organization to microfilm and dispose of original records in accordance with customer authorization or as part of the planned organizational operation procedure.

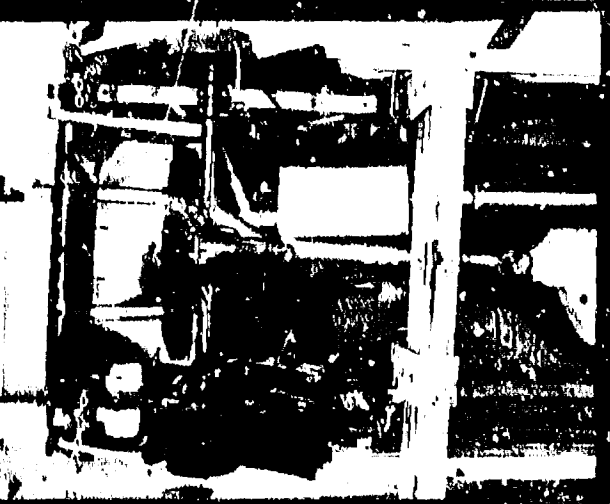
Date 4 6 1995  
Month Day

Thomas J. Carden  
Signature

Place Toledo Ohio  
City State

Chrysler EA12-005 Chrysler-004316  
Title

801 Front  
Location



EA12-005- Chrysl 0042

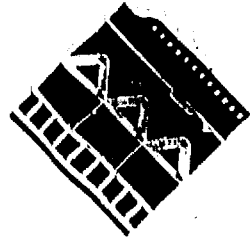
EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1689 Public

Image Source Inc.

801 Front Street

Toledo, Ohio 43602

419/637-1111



DECLARATION OF INTENT AND PURPOSE

I Leslie Perrowe, employed by The Image Source, Inc. do hereby declare that the records microfilmed herein are actual records of the Chrysler AWC Vehicle Crash Tests created during its normal course of business and that:

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It is the policy of this organization to microfilm and dispose of original records in accordance with customer authorization or as part of the planned organizational operation procedure.

Date 12 7 1994  
Month Day

Place Toledo OH  
City State

Leslie Perrowe  
Signature

EA12-005 Chrysler-D01429  
Title

801 Front St.  
Location

AMERICAN MOTORS CORPORATION

SAFETY TEST - SUMMARY SHEET

TYPE OF TEST 30 MPH PERP REAR IMPACT - MOVEABLE BARRIER TEST NO. 1689  
 MODEL TESTED B478 ENGINE TYPE REARLUY 4 CYL TURBO DIESEL TEST DATE 10/6/83  
 TESTED FOR B478 MODEL 4 DR WGN YEAR 1984 TEST SPEED 29.8 MPH  
 REQUESTED BY L. O. BAKER TEST WEIGHT 4210 LBS  
 REFERENCE WRITTEN TEST REQUEST DATED 9/27/83

TEST OBJECTIVE:

DEVELOPMENT TEST FOR COMPLIANCE TO AM14046 .

VEHICLE DESCRIPTION:

SUMMARY OF RESULTS

SFAM NO.	PASSED		DATA SUMMARY	DATA REFERENCE
	YES	NO		
-			VEHICLE CRUSH - INCHES	
14174			STG COL MAX INTRU. - INCHES	
14173			WINDSHIELD - PERCENT RETENTION	
14187			BUMPERS	
14216			WINDSHIELD ZONE INTRUSION	
14046	X		FUEL SYSTEM INTEGRITY <u>SEE COMMENTS BELOW</u>	
			FMVSS 208 PASS <input type="checkbox"/> FAIL <input type="checkbox"/>	

COMMENTS:

3.2 OZ BY WT LEAKAGE ON POST TEST ROLLOVER FROM THE SENDING UNIT FUEL SUPPLY TUBE WHICH WAS LOOSE AT SENDING UNIT.

TEST DIRECTOR T. R. HAYEK *T.R. Hayek* REPORTED BY D. L. TURCO EA12-005-Chrysler-001430  
 TEST CO-ORDINATOR W.C. DATE \_\_\_\_\_



GENERAL VEHICLE DATA SHEET

TEST NO. 1689

TYPE OF TEST 30 MPH PERP REAR IMPACT - MOVEABLE BARRIER TEST DATE 10/6/83

ACTUAL SPEED 29.8 MPH ACTUAL MODEL TESTED 0470 TRANS. MANUAL

RENAULT 4 CYL

ENGINE TURBO DIESEL I.D. # 1JCUX781XE [REDACTED] PLT. UTY. TOLEDO TESTED FOR 0470

SEAT TYPE:  FBFD  FBS9  INOIV  BUCKET OTHER \_\_\_\_\_

REAR: \_\_\_\_\_ SETTING: Midpoint which is \_\_\_\_\_ forward of rearmost position.

REAR SEAT \_\_\_\_\_

STEERING WHEEL:  STD.  SPORT  OTHER SETTING: \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

STEERING COLUMN TYPE:  PROD. E.A.  OTHER DESCRIPTION: \_\_\_\_\_

FRONT BUMPER:  Conventional  C.A.  Rigid Foam OTHER \_\_\_\_\_

REAR BUMPER  Conventional  C.A.  Rigid Foam OTHER \_\_\_\_\_

WEIGHT TO SIMULATE: FRONT: 2132 LBS REAR: 2081 LBS TOTAL: 4213 LBS

WEIGHTS: BALLAST 150 LBS. @ RT FRT FLOOR DUMMIES 330 LBS.

150 LBS. @ LFT FRT FLOOR FUEL 124 LBS.

350 LBS. @ CARGO EQUIPMENT 10 LBS.

50 LBS UNDER HOOD

TEST HEIGHT: FRONT: 2135 LBS. REAR: 2075 LBS. TOTAL: 4210 LBS.

FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_

FUEL TANK FILLED TO 95 % ( 19.2 GAL.) OF RATED CAPACITY ( 20.2 GAL.)

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

SAFETY TEST DIRECTOR T. R. HAYEK *J.P.H.* COORDINATOR 5-1175 001431 DATE \_\_\_\_\_

# Pre-Test Modification Sheet

TEST NO. 1689

VIN 1JCUZALXET XXXXXXXXXX TEST TYPE 30 MPH PERP. REAR IMPACT . MOVEABLE BARRIER

DATE 10/5/83 MECHANIC \_\_\_\_\_ REQUESTED BY L. O. BAKER

ACTUAL TEST WT. (LBS.): FR. 2135 REAR 2075 TOTAL 4210 DUMMIES USED 1050 L&R

WEIGHTS: BALLAST 150 LB. @ RT FRT FLOOR DUMMIES 330 LB.

150 LB. @ LFT FRT FLOOR FUEL 124 LB.

350 LB. @ CARGO AREA EQUIPMENT 10 LB.

50 LB. @ UNDER HOOD

FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_

FUEL TANK FILLED TO 95 % ( 19.2 gal.) OF RATED CAPACITY ( 20.2 gals.)

PART NUMBER	PART NAME	DESCRIPTION
		<div style="border: 2px solid yellow; width: 80%; height: 80%; margin: auto;"></div>

EA12-005- Chrysler -001432

TYPE OF TEST: 30 MPH PERP REAR IMPACT - MOVEABLE BARRIER TEST NO.: 1689

TEST DATE: 10/6/83

TEST SPEED: DEINED 30.2 MPH. TIME: 10:50 AM TEST SPEED 29.8 MPH

INSTRUMENT CONTINUITY ALL INSTRUMENTATION RAN

CAMERAS ALL CAMERAS RAN

BEATS

DUMMIES

FULL SYSTEM

SPARE TIRE AND JACK SPARE TIRE CAME LOOSE, THE THREADS PULLED OUT ON THE WING NUT.

OTHER COMMENTS

EA12-005- Chrysler -001433

INSPECTED BY D. CRUCIANELLI TEST DIRECTOR T. R. HAYEK

SFAM - 14046

TEST NO. 1689

MODEL B47B

TEST TYPE 30 MPH PERP REAR IMPACT-MOVEABLE BARRIER

TEST DATE 10/6/83

Fuel spillage in the 5 minute period following cessation of vehicle motion after impact. (Total)

NONE

Fuel spillage during subsequent 25 minute period. (Total)

NONE

During the 25 minute period, did the spillage exceed one ounce by weight during any one minute interval?

Yes  No

COMMENTS: A FUEL LEAK OF 3.2 OZ BY WT. OCCURRED ON THE POST TEST

ROLLOVER. THE SENDING UNIT FUEL SUPPLY TUBE WAS LOOSE AT THE SENDING UNIT.

Checked by: J. P. MCCARTHY

Did this vehicle meet or exceed performance criteria of A.H. Spec. 14046?

Yes  No









EA12-005- Chrysler -001434

TYPE O: TEST 30 MPH PERP REAR IMPACT - MOVEABLE BARRIER TEST NO. 1689  
 MODEL TESTED 8478 ENGINE DIESEL TRANS. MANUAL TEST DATE 10/5/83  
 TESTED FOR 8478 V.I.N. OR I.D. 1JCUX781XET PLANT BUILT TOLEDO

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> BAT. REMOVED     | <input type="checkbox"/> AIR CLEANER OIL                        |
| <input checked="" type="checkbox"/> COOLANT DRAINED  | <input type="checkbox"/> FUEL SYSTEM PRIMED                     |
| <input checked="" type="checkbox"/> ENG. OIL DRAINED | <input type="checkbox"/> VENT SYSTEM PURGED                     |
| <input checked="" type="checkbox"/> HOOD REMOVED     | <input type="checkbox"/> TANK TO 95% CAP.<br>W/STANDARD SOLVENT |

COMMENTS

Time duration: from barrier impact until start of static rollover test. \_\_\_\_\_  
 Time duration to rotate vehicle through 90 degrees: 3 minutes.

 <p><u>0-90° RT. SIDE DOWN - CLOCKWISE</u></p> <p>① NO LEAKS</p>	 <p><u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u></p> <p>①</p>
<p>② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p>	<p>② 1ST MIN. 2ND MIN. 3RD MIN.</p>
 <p><u>90-180° UPSIDE DOWN</u></p> <p>① NO LEAKS</p>	 <p><u>90-180° UPSIDE DOWN</u></p> <p>①</p>
<p>② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p>	<p>② 1ST MIN. 2ND MIN. 3RD MIN.</p>
 <p><u>180-270° LEFT SIDE DOWN</u></p> <p>① NO LEAKS</p>	 <p><u>180-270° RIGHT SIDE DOWN</u></p> <p>①</p>
<p>② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p>	<p>② 1ST MIN. 2ND MIN. 3RD MIN.</p>
 <p><u>270-0° NORMAL ATTITUDE</u></p> <p>NO LEAKS</p>	 <p><u>270-0° NORMAL ATTITUDE</u></p>

KEY:

- ① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
 ② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

EA12-005- Chrysler -001435

REPORTED BY C. CRUCIANELLI









TYPE OF TEST 30 MPH PERP REAR IMPACT-MOVEABLE BARRIER TEST NO. 1609  
 MODEL TESTED 6470 ENGINE TURBO DIESEL TRANS. MANUAL TEST DATE 10/6/83  
 TESTED FOR 0470 V.I.R. OR I.D. JJCUXZ01XIT PLANT BUILT TOLEDO

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> OIL REMOVED      | <input checked="" type="checkbox"/> AIR CLEANER OIL                        |
| <input checked="" type="checkbox"/> COOLANT DRAINED  | <input checked="" type="checkbox"/> FUEL SYSTEM DRAINED                    |
| <input checked="" type="checkbox"/> ENG. OIL DRAINED | <input checked="" type="checkbox"/> VENT SYSTEM PURGED                     |
| <input checked="" type="checkbox"/> HOOD REMOVED     | <input checked="" type="checkbox"/> TANK TO 95% CAP.<br>W/STODDARD SOLVENT |

COMMENTS

- \* FUEL LEAKAGE FROM FUEL SUPPLY TUBE WHICH WAS LOOSE AT SENDING UNIT.
- \*\* FUEL LEAKAGE FROM SUPPLY TUBE AND FUEL CAP.

Time duration from barrier impact until start of static rollover test. 3 HRS & 20 MIN.  
 Time duration to rotate vehicle through 90 degrees; 3 minutes.

<p> <u>0-90° RT. SIDE DOWN - CLOCKWISE</u></p> <p>①</p>	<p> <u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u></p> <p>① 0.2 OZ BY WT *</p>
<p>② 1ST MIN. 2ND MIN. 3RD MIN.</p>	<p>② 1ST MIN. 0.04 OZ BY WT* 2ND MIN. 0.04 OZ BY WT** 3RD MIN. 0.04 OZ BY WT**</p>
<p> <u>90-180° UPSIDE DOWN</u></p> <p>①</p>	<p> <u>90-180° UPSIDE DOWN</u></p> <p>① TRACE FROM FUEL CAP AND SENDING UNIT.</p>
<p>② 1ST MIN. 2ND MIN. 3RD MIN.</p>	<p>② 1ST MIN. 0.05 OZ BY WT ** 2ND MIN. 0.05 OZ BY WT ** 3RD MIN. 0.05 OZ BY WT **</p>
<p> <u>180-270° LEFT SIDE DOWN</u></p> <p>①</p>	<p> <u>180-270° RIGHT SIDE DOWN</u></p> <p>① 2.4 OZ BY WT FROM FUEL TANK SENDING UNIT</p>
<p>② 1ST MIN. 2ND MIN. 3RD MIN.</p>	<p>② 1ST MIN. TRACE FROM SENDING UNIT 2ND MIN. TRACE FROM SENDING UNIT 3RD MIN. TRACE FROM SENDING UNIT</p>
<p> <u>270-0° NORMAL ATTITUDE</u></p>	<p> <u>270-0° NORMAL ATTITUDE</u></p> <p>3.2 OZ BY WT *</p>

EA12-005- Chrysler -001436

① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
 ② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

REPORTED BY J. P. MCCARTHY

TEST NO. 1689

WISCONSIN TEST CENTER  
SAFETY TESTING - INSTRUMENTATION DEPARTMENT

MODEL 8478

TEST DATE 10/6/83

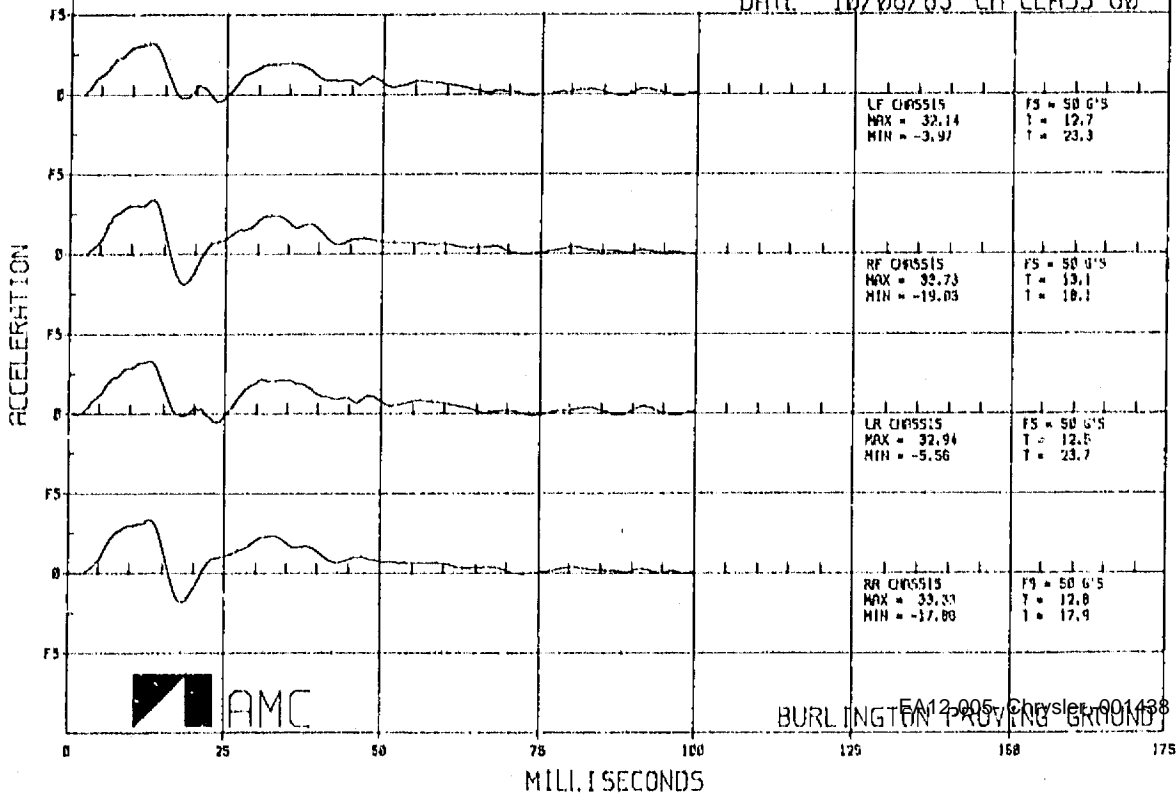
TESTED BY: P. KOPITZKE AND H. HYATT

APPROVED BY Thomas R. Hayek DATE \_\_\_\_\_

EA12-005- Chrysler -001437

# CHASSIS ACCEL

TEST # 1689  
 MODEL 8478  
 DATE 10/06/83 CH CLASS 60

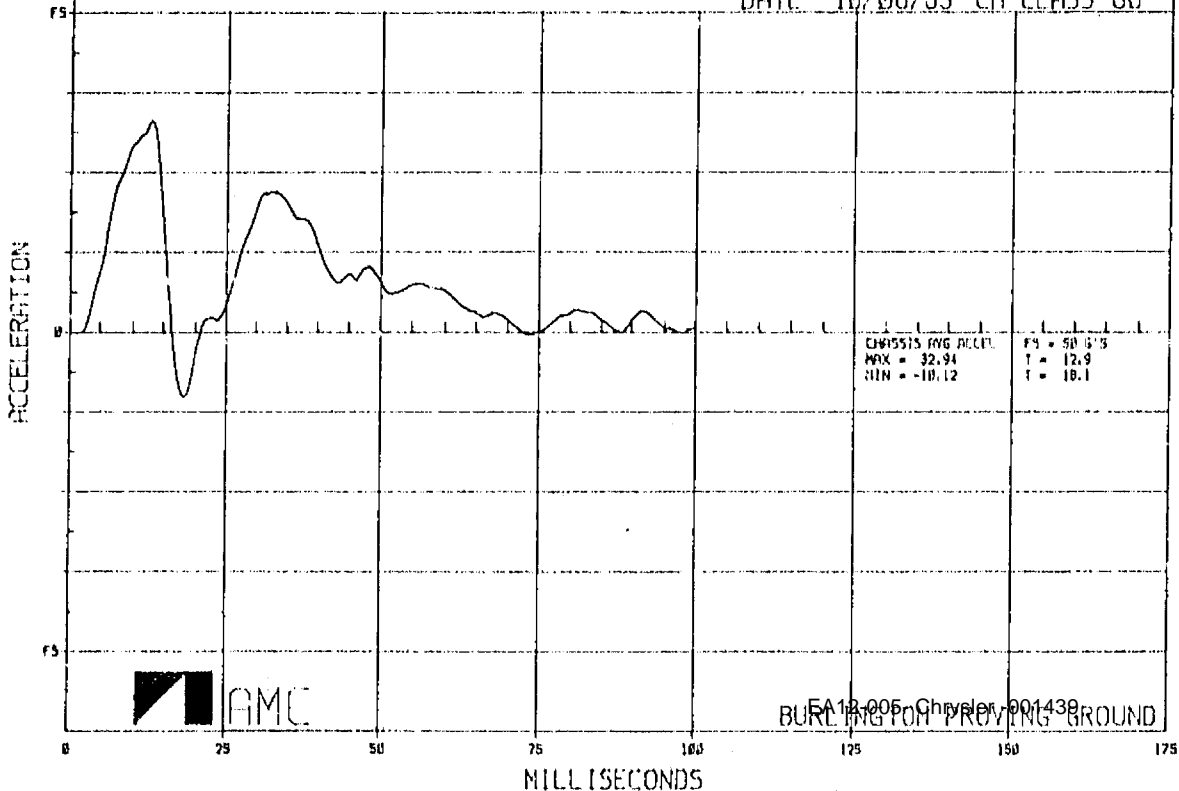


BURLINGTON PROVING GROUND  
 FA12-005 Chrysler 001438



# CHASSIS AVG ACCEL

TEST# 1689  
MODEL 8478  
DATE 10/06/93 CH CLASS 60

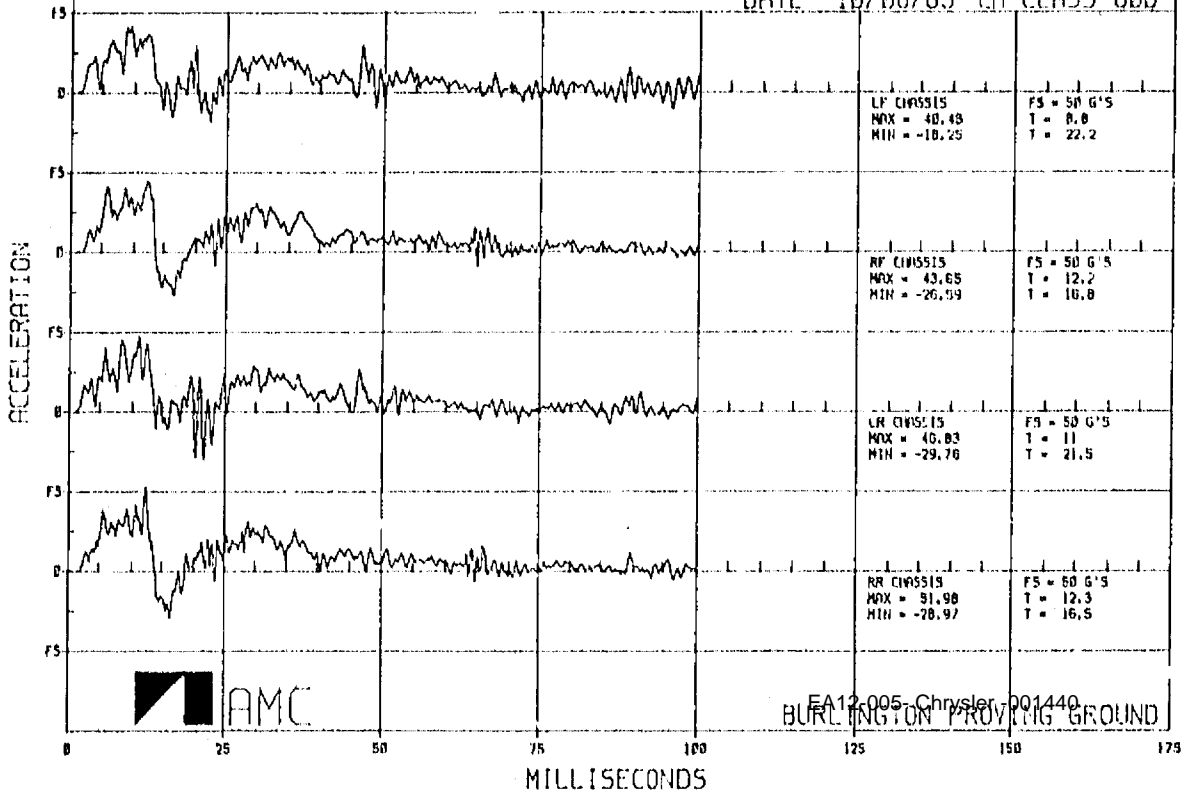


AMC

FA12-005 Chrysler 001438  
BURLINGTON PROVING GROUND

# CHASSIS ACCEL

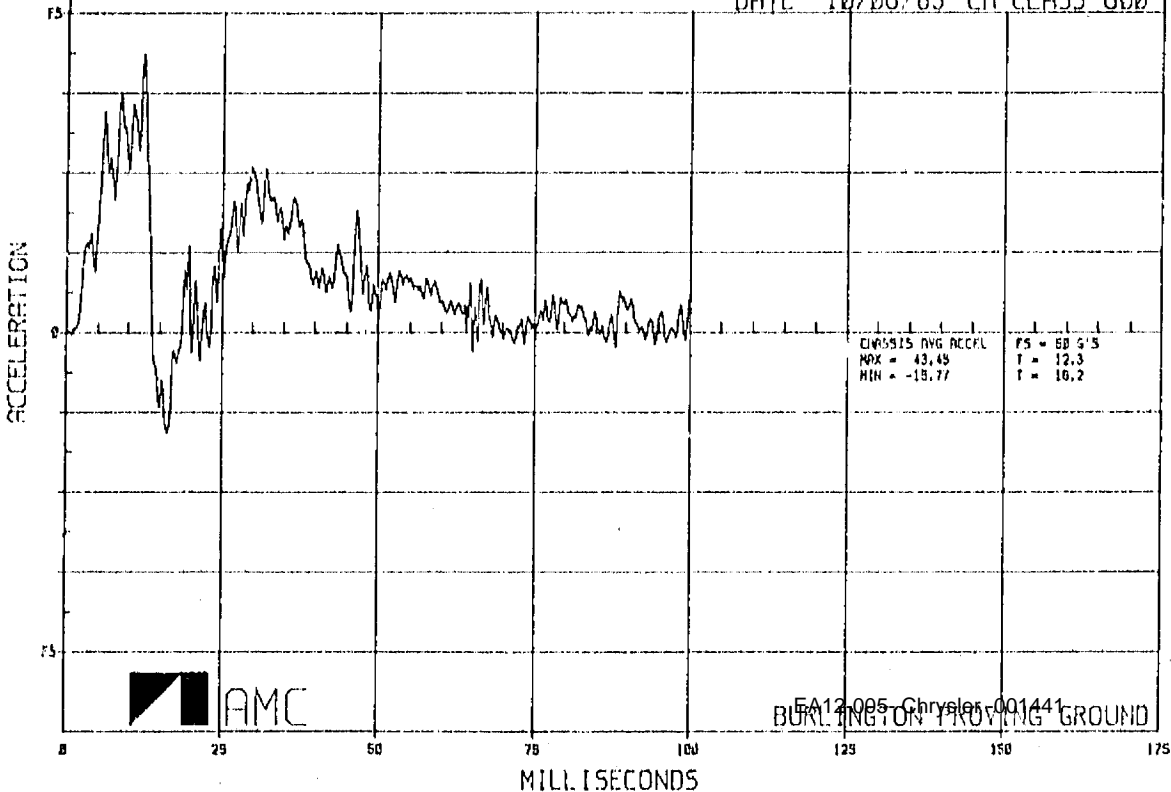
TEST # 1689  
 MODEL 8478  
 DATE 10/06/83 CH CLASS 600



EA12-005-Chrysler-001440  
 BURLINGTON PROVING GROUND

# CHASSIS AVG ACCEL

TEST# 1689  
MODEL 8478  
DATE 10/06/83 CH CLASS 600

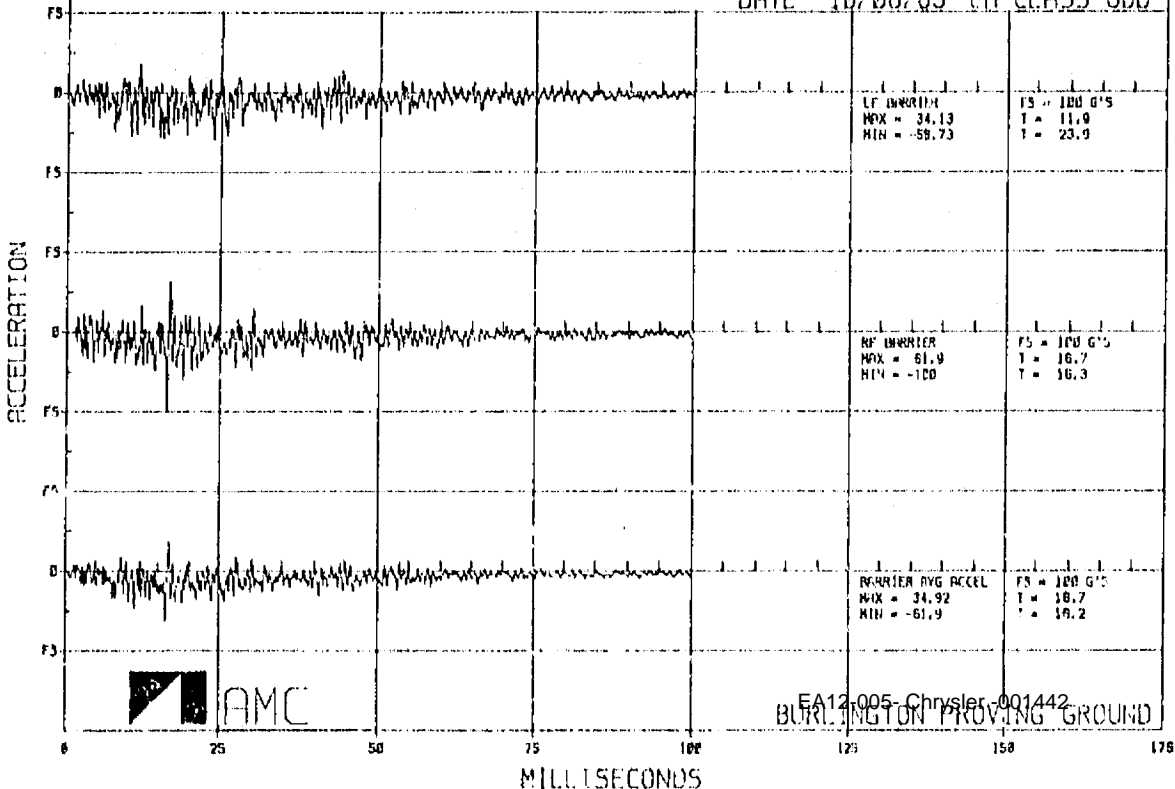


AMC

EA12095-Chrysler-001441  
BURLINGTON PROVING GROUND

# BARRIER ACCEL

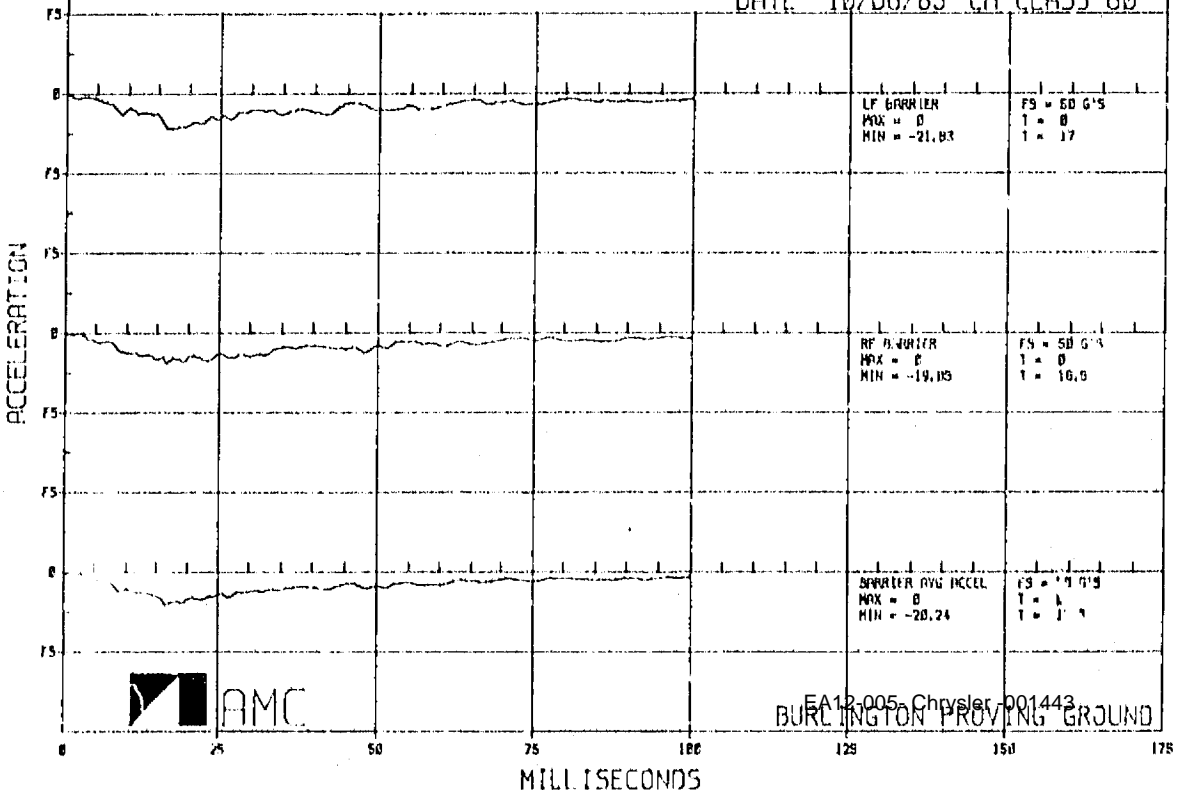
TEST# 1689  
MODEL 8478  
DATE 10/06/83 CH CLASS 600



EA12-005-Chrysler-001442  
BURLINGTON PROVING GROUND

# BARRIER ACCEL

TEST# 1689  
MODEL 8478  
DATE 10/06/83 CH CLASS 60



EA12-005 Chrysler 001443  
BURLINGTON PROVING GROUND

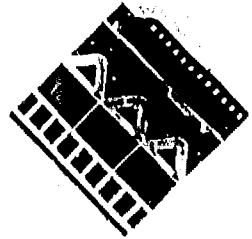
EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1700 photos

Image Source Inc.

871 Front Street

Toledo, Ohio 43605

419/467-1111



DECLARATION OF INTENT AND PURPOSE

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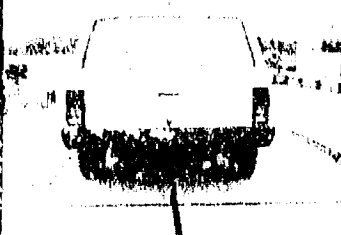
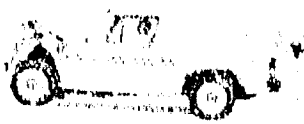
Date 4 6 1995  
Month Day

Signature

Place Toledo Ohio  
City State

Chrysler Chrysler  
Title

SA Front  
Location



682961 682975



682961 682975



682961 682975



er-004322



INFORMATION SYSTEMS

00 Chrysler -004323

685265387  
68056

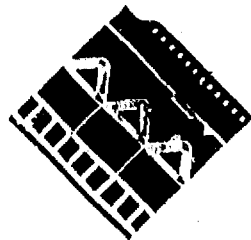
EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1700 Public

Image Source Inc.

801 Front St. East

Toledo Ohio 43605

(619) 497-3111



DECLARATION OF INTENT AND PURPOSE

I Leslie Serman, employed by The Image Source, Inc. do hereby declare that the records microfilmed herein are actual records of the Chrysler AMC Vehicle Crash Tests created during its normal course of business and that:

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The destruction or disposition of the records microphotographed on this reel is only to be accomplished after inspection of the microfilm to assure completeness of coverage, and that:

It is the policy of this organization to microfilm and dispose of original records in accordance with customer authorization or as part of the planned organizational operation procedure.

Date 12 8 1994  
Month Day

Place Toledo OH  
City State

Leslie Serman  
Signature

Mr. EA12-005-Chrysler 1001460  
Title

801 Front St.  
Location

SAFETY TEST - SUMMARY SHEET

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVEABLE BARRIER TEST NO. 1706  
 MODEL TESTED 8477 ENGINE TYPE TURBO DIESEL TEST DATE 11/10/83  
 TESTED FOR 8477 MODEL 2 DR WGN YEAR 1984 TEST SPEED 30.0 MPH.  
 REQUESTED BY L. O. DAXER TEST WEIGHT 4188 LBS.  
 REFERENCE WRITTEN TEST REQUEST DATED 11/1/83

TEST OBJECTIVE: DEVELOPMENT TEST TO DEMONSTRATE COMPLIANCE TO AML4046.

VEHICLE DESCRIPTION

PRICE USAGE TEST 1699 PERP. FRONT IMPACT FIXED BARRIER.

SUMMARY OF RESULTS

SFAM NO.	PASSED		DATA SUMMARY	DATA REFERENCE
	YES	NO		
-			VEHICLE CRUSH - INCHES	
14174			STO COL MAX INTRU. - INCHES	
14173			WINDSHIELD - PERCENT RETENTION	
14187			BUMPERS	
14216			WINDSHIELD ZONE INTRUSION	
14046	X		FUEL SYSTEM INTEGRITY	
			FMVSS 208 PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>	

COMMENTS:

TEST DIRECTOR T. R. HAYLK *T.R. Haylk* REPORTED BY B. L. TURCO  
 TEST CO-ORDINATOR EH DATE 11/15/83

EA12-005- Chrysler -001461

GENERAL VEHICLE DATA SHEET

TEST NO. 1700

TYPE OF TEST 30 MPH PERP REAR IMPACT MOVEABLE BARRIER TEST DATE 11/10/83

ACTUAL SPEED 30.0 MPH ACTUAL MODEL TESTED 8477 TRANS. MANUAL

ENGINE RENAULT TURBO DIESEL I.D. # 1JCU17719ET PLT. DLT. TOLEDO TESTED FOR 1984

SEAT TYPE:  F0FB  F0SB  INDIV  BUCKET OTHER \_\_\_\_\_

YEAR: \_\_\_\_\_ SETTING: Midpoint which is \_\_\_\_\_ forward of rearmost position.

REAR SEAT \_\_\_\_\_

STERING WHEEL:  STD.  SPORT  OTHER SETTING: \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

STEERING COLUMN TYPE:  PROD. E.A.  OTHER DESCRIPTION: \_\_\_\_\_

FRONT BUMPER:  Conventional  E.A.  Rigid Foam OTHER \_\_\_\_\_

REAR BUMPER  Conventional  F.A.  Rigid Foam OTHER \_\_\_\_\_

WEIGHT TO SIMULATE: FRONT: 2079 LBS. REAR: 2113 LBS. TOTAL: 4192 LBS.

WEIGHTS: BALLAST 625 LBS. @ CARGO AREA DUMMIES 330 LBS.

150 LBS. @ RT TOEBOARD FUEL 124 LBS.

150 LBS. @ LFT TOEBOARD EQUIPMENT 10 LBS.

TEST WEIGHT: FRONT: 2077 LBS. REAR: 2111 LBS. TOTAL: 4188 LBS.

FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_

FUEL TANK FILLED TO 95 % ( 19.2 GAL.) OF RATED CAPACITY ( 20.2 GAL.)

COMMENTS: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

SAFETY TEST DIRECTOR T. R. HAYEK COORDINATOR EA12-006-Chrysler-001462 DATE 11/15/83

# Pre-Test Modification Sheet

TEST NO. 1700

VIII. JICHL7719ET [REDACTED] TEST TYPE 30 MPH PERP. REAR IMPACT MOVEABLE BARRIER

DATE 11/7/83 MECHANIC \_\_\_\_\_ REQUESTED BY L. O. BAKER

ACTUAL TEST WT. (LBS.): FRT. 2077 REAR 2111 TOTAL 4188 DUMMIES USED 1050 L&R

WEIGHTS: BALLAST 625 LB. @ CARGO AREA DUMMIES 330 LB.

150 LB. @ RT TOEBOARD FUEL 124 LB.

150 LB. @ LFT TOEBOARD EQUIPMENT 10 LB.

FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_

FUEL TANK FILLED TO 95 % ( 19.2 gal.) OF RATED CAPACITY ( 20.2 gals.)

PART NUMBER	PART NAME	DESCRIPTION
		[ ]

EA12-005- Chrysler -001463

TYPE OF TEST: 30 MPH PERP REAR IMPACT MOVEABLE BARRIER TEST NO.: 1700

TEST DATE: 11/10/83

TEST SPEED: DESIRED 30.2 MPH. TIME 11:02 AM TEST SPEED 30.0 MPH

INSTRUMENT CONTINUITY ALL INSTRUMENTATION RAN.

CAMERAS ALL CAMERAS RAN.

SEATS SEAT TRACKS DID NOT MOVE. THE LEFT AND RIGHT FRONT SEAT BACKS LAYED BACK.

DUMMIES RIGHT AND LEFT DUMMIES LAYED BACK WITH SEAT BACKS.

FUEL SYSTEM

SPARE TIRE AND JACK SPARE TIRE REMAINED SECURED.

OTHER COMMENTS

EA12-005- Chrysler -001464

INSPECTED BY J. P. MCCARTHY TEST DIRECTOR T. R. HAYEK

SFAM - 14046

TEST NO. 1700

MODEL B477

TEST TYPE 30 MPH PERP REAR IMPACT MOVEABLE BARRIER TEST DATE 11/10/83

Fuel spillage in the 5 minute period following cessation of vehicle motion after impact. (Total) NONE

Fuel spillage during subsequent 25 minute period. (Total) NONE

During the 25 minute period, did the spillage exceed one ounce by weight during any one minute interval? Yes  No

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Checked by: J. P. McCARTHY

Did this vehicle meet or exceed performance criteria of A.M. Spec. 14046?

Yes  No



TYPE OF TEST 30 MPH PERP REAR IMPACT MOVEABLE BARRIER TEST NO. 1700  
 MODEL TESTED 9477 ENGINE TURBO DIESEL TRANS. MANUAL TEST DATE 11/10/83  
 TESTED FOR 8477 V.I.N. OR I.D. 1JCUJ7Z19ET PLANT BUILT TOLEDO

- |   |   |
|---|---|
| <input type="checkbox"/> BAT. REMOVED     | <input type="checkbox"/> AIR CLEANER ON                         |
| <input type="checkbox"/> COOLANT DRAINED  | <input type="checkbox"/> FUEL SYSTEM PRIMED                     |
| <input type="checkbox"/> ENG. OIL DRAINED | <input type="checkbox"/> VENT SYSTEM PURGED                     |
| <input type="checkbox"/> HOOD REMOVED     | <input type="checkbox"/> TANK TO 95% CAP.<br>W/STODDARD SOLVENT |

COMMENTS

Time duration from barrier impact until start of static rollover test. \_\_\_\_\_  
 Time duration to rotate vehicle through 90 degrees; 3 minutes.

<u>0-90° RT. SIDE DOWN - CLOCKWISE</u>	<u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u>
①	① NO LEAKS
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
<u>90-180° UPSIDE DOWN</u>	<u>90-180° UPSIDE DOWN</u>
①	① NO LEAKS
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
<u>180-270° LEFT SIDE DOWN</u>	<u>180-270° RIGHT SIDE DOWN</u>
①	① NO LEAKS
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
<u>270-0° NORMAL ATTITUDE</u>	<u>270-0° NORMAL ATTITUDE</u>
	NO LEAKS

KEY: ① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE) EA12-005- Chrysler -001466  
 ② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.









REPORTED BY D. CRUCIANELLI

TYPE OF TEST 30 MPH PERP REAR IMPACT MOVEABLE BARRIER TEST NO. 1700  
 MODEL TESTED 8477 ENGINE TURBO DIESEL TRANS. MANUAL TEST DATE 11/10/83  
 TESTED FOR 8477 V.I.N. OR I.D. 1JCUL7719ET PLANT BUILT TOLEDO

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> BAT. REMOVED     | <input checked="" type="checkbox"/> AIR CLEANER ON                         |
| <input checked="" type="checkbox"/> COOLANT DRAINED  | <input checked="" type="checkbox"/> FUEL SYSTEM PRIMED                     |
| <input checked="" type="checkbox"/> ENG. OIL DRAINED | <input checked="" type="checkbox"/> VENT SYSTEM PURGED                     |
| <input checked="" type="checkbox"/> HOOD REMOVED     | <input checked="" type="checkbox"/> TANK TO 93% CAP,<br>W/STANDARD SOLVENT |

COMMENTS

Time duration from barrier impact until start of static rollover test, 2 HRS & 10 MIN.  
 Time duration to rotate vehicle through 90 degrees; 3 minutes.

 <u>0-90° RT. SIDE DOWN - CLOCKWISE</u> ① NO LEAKS	 <u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u> ① NO LEAKS
② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
 <u>90-180° UPSIDE DOWN</u> ① NO LEAKS	 <u>90-180° UPSIDE DOWN</u> ① NO LEAKS
② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
 <u>180-270° LEFT SIDE DOWN</u> ① NO LEAKS	 <u>180-270° RIGHT SIDE DOWN</u> ① NO LEAKS
② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
 <u>270-0° NORMAL ATTITUDE</u> NO LEAKS	 <u>270-0° NORMAL ATTITUDE</u> NO LEAKS

EA12-005- Chrysler -001467

- ① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE)  
 ② LEAKAGE REMAINING 3 MINUTES, INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

TEST NO. 1700

WISCONSIN TEST CENTER  
SAFETY TESTING - INSTRUMENTATION DEPARTMENT

MODEL 8477

TEST DATE 11/10/83

TESTED BY: P. KOP117KE

APPROVED BY T. R. HAYEK DATE \_\_\_\_\_

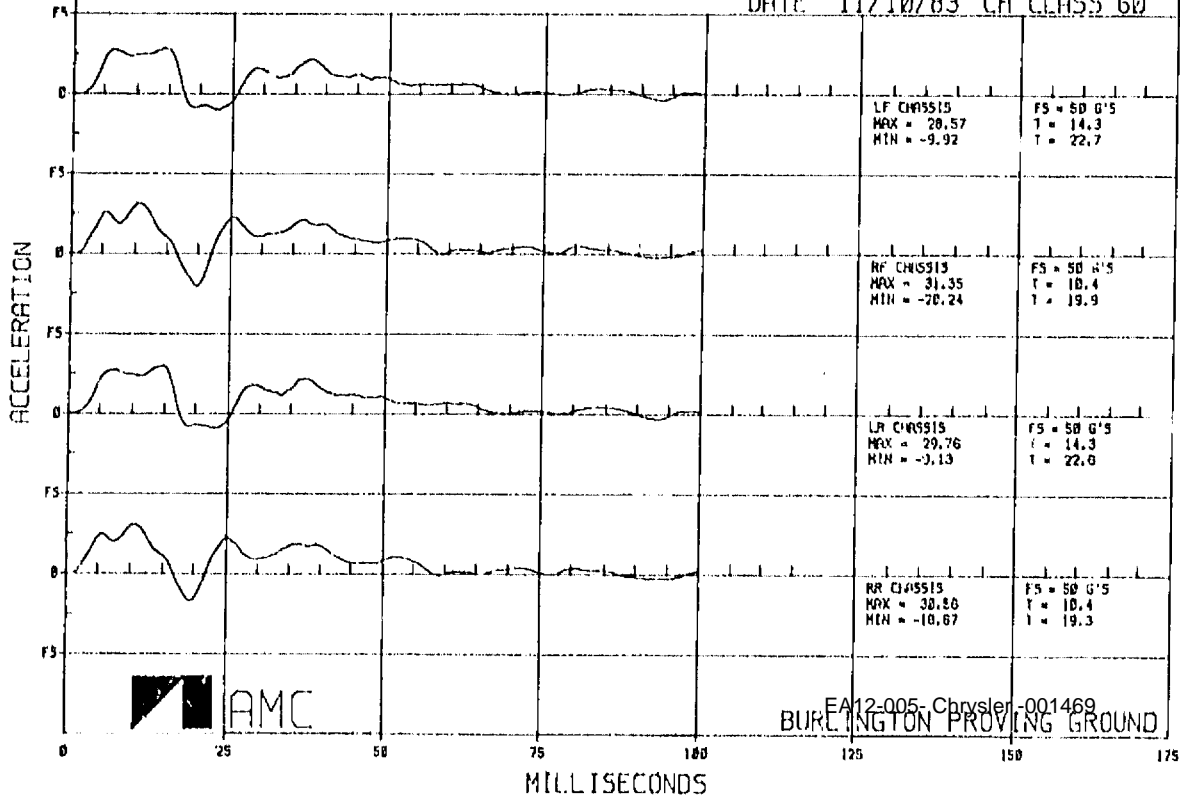
EA12\*005- Chrysler -001468

# CHASSIS ACCEL

TEST # 1700

MODEL 8477

DATE 11/10/83 CH CLASS 60



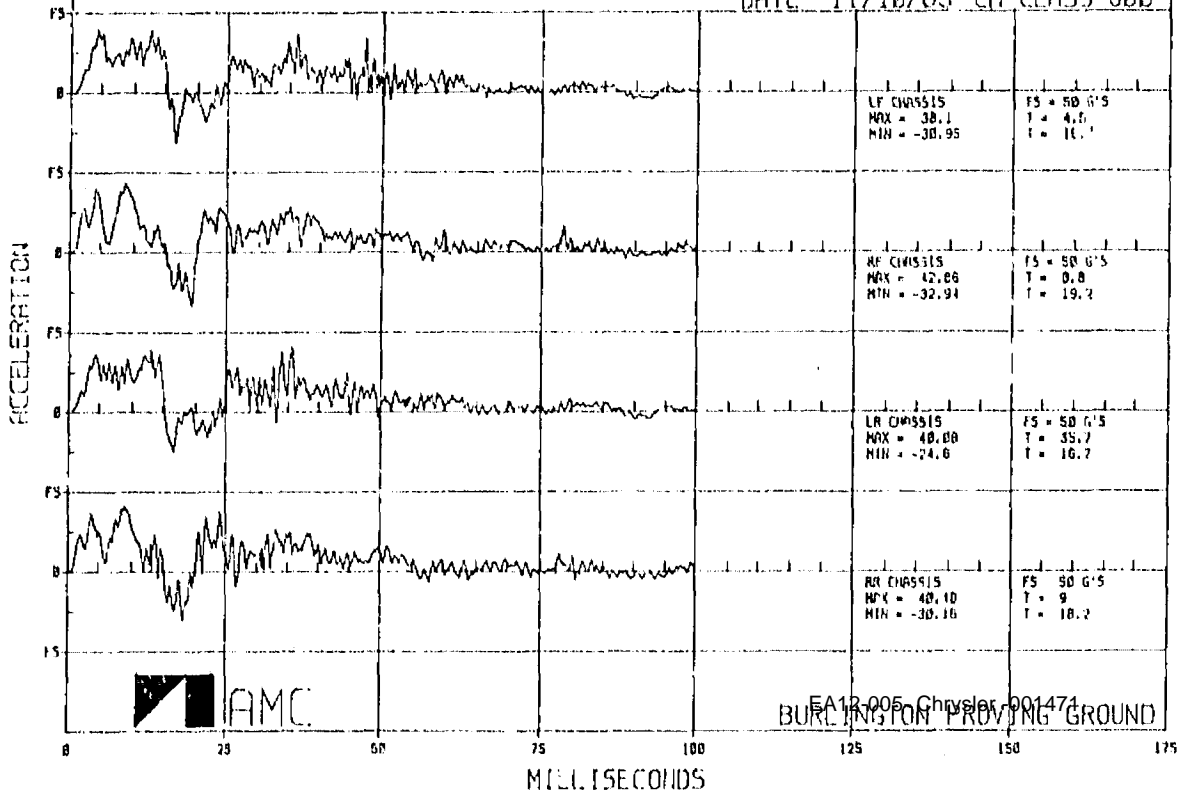
EA12-005-Chrysler-001469  
BURLINGTON PROVING GROUND



EA12-005- Chrysler -001470

# CHASSIS ACCEL

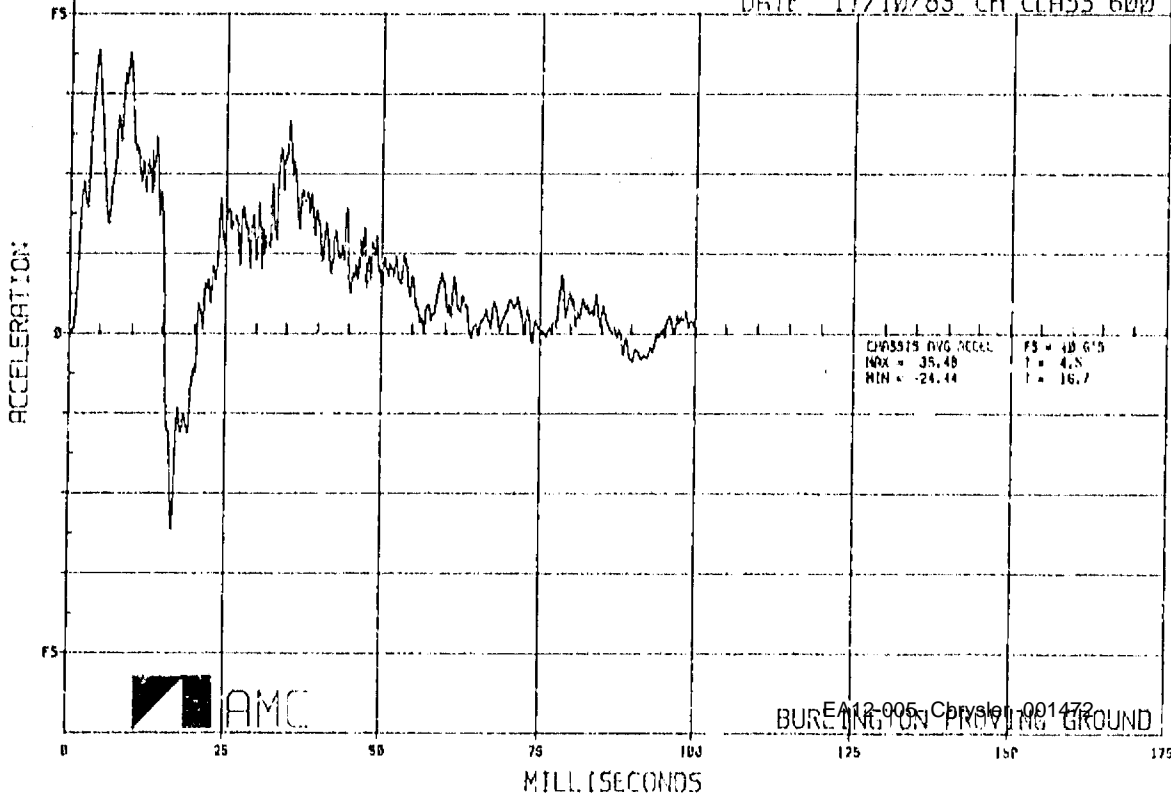
TEST # 1700  
 MODEL 8477  
 DATE 11/10/83 CH CLASS 600



EA1R-005 Chrysler 901471  
 BURLINGTON PROVING GROUND

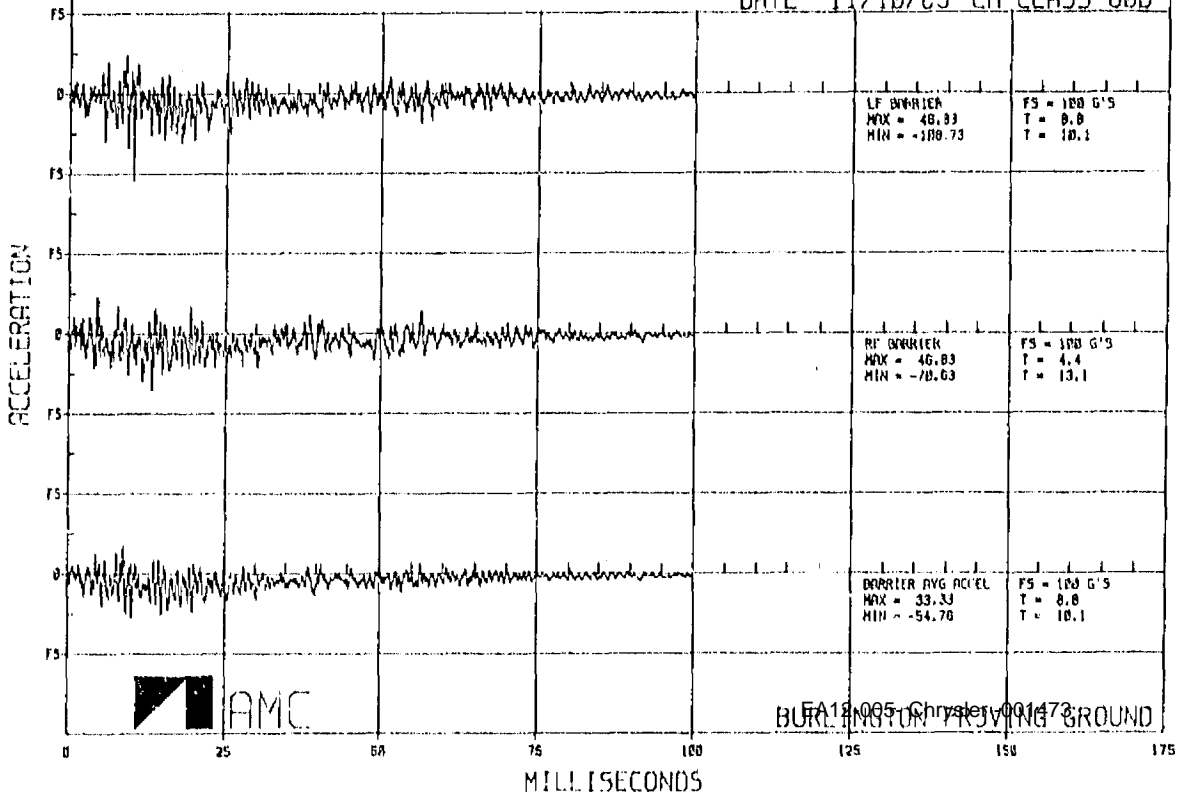
# CHASSIS AVG ACCEL

TEST# 1700  
MODEL 8477  
DATE 11/10/83 CH CLASS 600



# BARRIER ACCEL

TEST# 1700  
MODEL 8477  
DATE 11/10/83 CH CLASS 600



FA11005-Chrysler 001473  
BUR. MOTOR FLYING GROUND

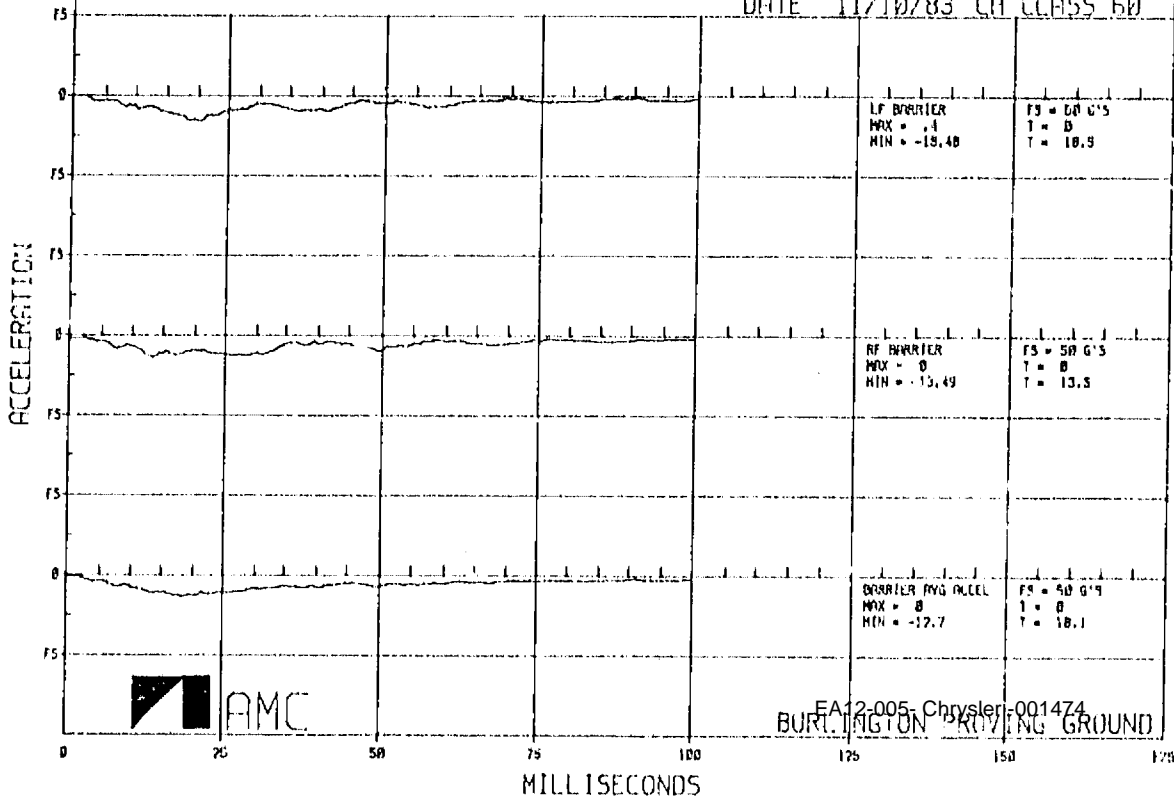


# BARRIER ACCEL

TEST# 1700

MODEL 8477

DATE 11/10/83 CH CLASS 60



EA 2-005 Chrysler 001474  
BURLINGTON ROYAL GROUND

MILLISECONDS

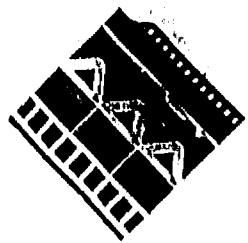
EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1706 photos

Image Source Inc.

101 Front Street

Toledo Ohio 43605

419/697-1111



DECLARATION OF INTENT AND PURPOSE

I Thomas J. Carver, employed by The Image Source, Inc. do hereby declare that the records microfilmed herein are actual records of the Chrysler Corp AMC Vehicle Crush tests created during its normal course of business and that:

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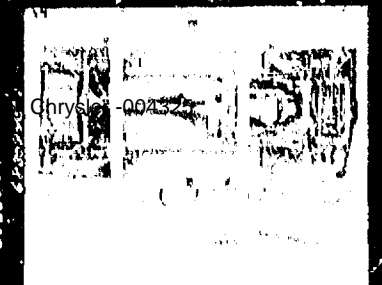
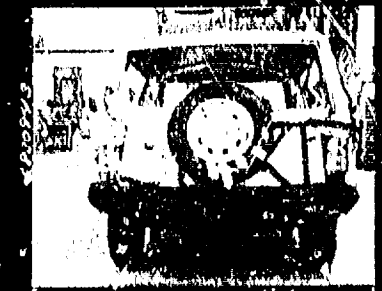
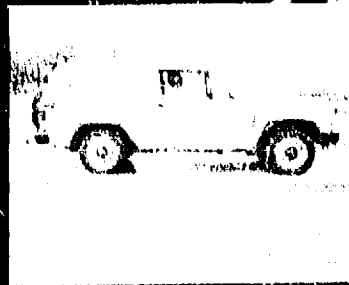
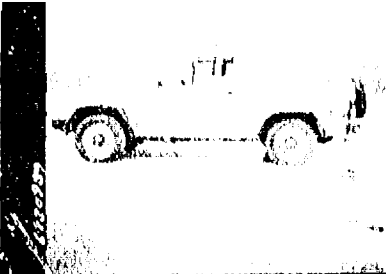
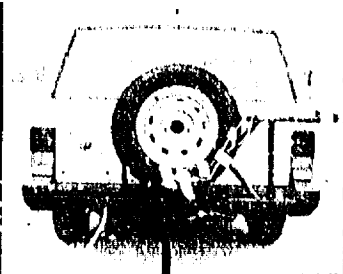
Date 4 6 1975  
Month Day

Thomas J. Carver  
Signature

Place Toledo Ohio  
City State

EA12-005 Chrysler-004824  
Title

5017 Rowl  
Location



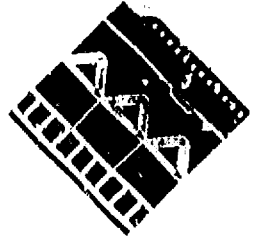
EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1706 Public

Image Source Inc.

601 Front Street

Toledo Ohio 43605

419/687-1111



DECLARATION OF INTENT AND PURPOSE

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It is the policy of this organization to microfilm and dispose of original records in accordance with customer authorization or as part of the planned organizational operation procedure.

Date 12 8 1994  
Month Day

Place Toledo OH  
City State

Leslie Forman  
Signature

Mr. EA12-005-Chrysler-001475  
Title

801 Front St  
Location

AMERICAN MOTORS CORPORATION

SAFETY TEST - SUMMARY SHEET

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVEABLE BARRIER TEST NO. 1706  
 MODEL TESTED 8477 ENGINE TYPE 2.6L V-6 TEST DATE 11/11/83  
 TESTED FOR 8477 MODEL 2 DR HIGH YEAR 1984 TEST SPEED 30.3 MPH  
 REQUESTED BY A. KLANSKY FOR A. WOHLGEMUTH TEST WEIGHT 3741 LBS.  
 REFERENCE WRITTEN TEST REQUEST DATED 11/2/83

TEST OBJECTIVE: MONITOR TEST TO DEMONSTRATE COMPLIANCE TO AM14046.

VEHICLE DESCRIPTION [ ]

PRIOR USAGE NONE

SUMMARY OF RESULTS

SFAM NO.	PASSED		DATA SUMMARY	DATA REFERENCE
	YES	NO		
-			VEHICLE CRUSH - INCHES	
14174			STG COL MAX INTRU. - INCHES	
14173			WINDSHIELD - PERCENT RETENTION	
14187			BUMPERS	
14216			WINDSHIELD ZONE INTRUSION	
14046	X		FUEL SYSTEM INTEGRITY	
			FMYSS 208 PASS <input type="checkbox"/> FAIL <input type="checkbox"/>	

COMMENTS:

TEST DIRECTOR T. K. HAYEK EA12-005- Chrysler -001476 REPORTED BY D. L. TURCO  
 TEST CO-ORDINATOR [Signature] DATE 11/12/83

GENERAL VEHICLE DATA SHEET

TEST NO. 1706

TYPE OF TEST 30 MPH PERP. REAR IMPACT MOVEABLE BARRIER TEST DATE 11/11/83

ACTUAL SPEED 30.3 MPH ACTUAL MODEL TESTED 8477 TRANS. MANUAL 5 SPEED

ENGINE 2.6L V-6 I.D. # 1JCHL7717FT PLT. 8LY, TOLEDO TESTED FOR 8477

SEAT TYPE:  FDFB  FDSB  INDIV  BUCKET OTHER

YEAR: SETTING: Midpoint which is forward of rearmost position.

REAR SEAT

STEERING WHEEL:  STD.  SPORT  OTHER SETTING:

DESCRIPTION:

STEERING COLUMN TYPE:  PROD. E.A.  OTHER DESCRIPTION:

FRONT BUMPER:  Conventional  E.A.  Rigid Foam OTHER

REAR BUMPER  Conventional  E.A.  Rigid Foam OTHER

WEIGHT TO SIMULATE: PER ANSI404G

WEIGHTS: BALLAST 500 LBS. @ CARGO AREA DUMMIES 330 LBS.

LBS. @ FUEL 124 LBS.

LBS. @ EQUIPMENT 25 LBS.

TEST WEIGHT: FRONT: 1873 LBS. REAR: 1863 LBS. TOTAL: 3741 LBS.

FENDER HEIGHTS: L.F. R.F. L.R. R.R.

FUEL TANK FILLED TO 95 % ( 19.2 GAL.) OF RATED CAPACITY ( 20.2 GAL.)

COMMENTS:

SAFETY TEST DIRECTOR T. R. HAYEK *T.R. Hayek* EA12-005-Chrysler -001477 COORDINATOR *W.K.* DATE *11/12/83*



# Pre-Test Modification Sheet

TEST NO. 1706

IN 1JCHL7Z17ET TEST TYPE 30 MPH PERP. REAR IMPACT MOVEABLE BARRIER

DATE 11/11/83 MECHANIC \_\_\_\_\_ REQUESTED BY KLANSKY

ACTUAL TEST WT. (LBS.): FRT. 1870 REAR 1063 TOTAL 3741 DUMMIES USED 1050 L&R

WEIGHTS: BALLAST 300 LB. @ CARGO AREA DUMMIES 330 LB.

\_\_\_\_\_ LB. @ \_\_\_\_\_ FUEL 124 LB.

\_\_\_\_\_ LB. @ \_\_\_\_\_ EQUIPMENT 25 LB.

FENDER HEIGHTS: L.F. \_\_\_\_\_ R.F. \_\_\_\_\_ L.R. \_\_\_\_\_ R.R. \_\_\_\_\_

FUEL TANK FILLED TO 95 % ( 19.2 gal ) OF RATED CAPACITY ( 20.2 gals )

PART NUMBER	PART NAME	DESCRIPTION
		[ ]

EA12-005- Chrysler -001478

TYPE OF TEST: 30 MPH PERP. REAR IMPACT MOVABLE BARRIER TEST NO.: 1706TEST DATE: 11/11/83TEST SPEED: DESIRED 30.5-32 MPH. TIME 11:03 AM TEST SPEED 30.1 MPHINSTRUMENT CONTINUITY ALL INSTRUMENTATION RAN.CAMERAS ALL CAMERAS RAN.SEATS SEAT TRACKS DID NOT MOVE. RIGHT AND LEFT FRONT SEAT BACKS LAYED BACK ON REAR SEAT CUSHION.DUMMIES RIGHT AND LEFT FRONT DUMMIES LAYED BACK WITH SEAT BACKS.FUEL SYSTEM SLIGHT SCRATCH IN THE FUEL LINE FROM ENGINE MOUNTING BRACKET.SPARE TIRE AND JACK SPARE TIRE AND JACK REMAINED SECURED.

OTHER COMMENTS \_\_\_\_\_

EAT2-005- Chrysler -001479

INSPECTED BY J. J. MCCARTHY TEST DIRECTOR T. R. HAYEK

SFAM - 14046

TEST NO. 1706

MODEL 8477

TEST TYPE 30 MPH PERP REAR IMPACT MOVEABLE BARRIER TEST DATE 11/11/83

Fuel spillage in the 5 minute period following cessation of vehicle motion after impact. (Total) NONE

Fuel spillage during subsequent 25 minute period. (Total) NONE

During the 25 minute period, did the spillage exceed one ounce by weight during any one minute interval? Yes  No

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Checked by: J. P. McCARTHY

Did this vehicle meet or exceed performance criteria of A.M. Spec. 14046? Yes  No

POST CRASH ROLL OVER TEST REPORT

TYPE OF TEST 30 MPH PERP REAR IMPACT MOVEABLE BARRIER TEST NO. 1706  
 MODEL TESTED 8477 ENGINE 2.6L V6TRANS. MANUAL 5 SPEED TEST DATE 11/9/83  
 TESTED FOR 8477 V.I.N. OR I.D. 1JCNL7717ET PLANT UTIL. TOLEDO

- |                    |                                       |
|--------------------|---------------------------------------|
| ① OIL REMOVED      | ④ AIR CLEANER OFF                     |
| ② COOLANT DRAINER  | ⑤ FUEL SYSTEM PRIMED                  |
| ③ ENG. OIL DRAINED | ⑥ VENT SYSTEM PURGED                  |
| ④ HOOD REMOVED     | ⑦ TANK TO 95% CAP. W/STANDARD SOLVENT |

COMMENTS

Time duration from barrier impact until start of static rollover test. \_\_\_\_\_  
 Time duration to rotate vehicle through 90 degrees: 3 minutes.

<p>① <u>0-90° RT. SIDE DOWN - CLOCKWISE</u></p> <p>① NO LEAKS</p> <p>② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p>	<p>① <u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u></p> <p>① NO LEAKS</p> <p>② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p>
<p>① <u>90-180° UPSIDE DOWN</u> TRACE FROM CARB BOWL VENT</p> <p>①</p> <p>② 1ST MIN. TRACE FROM CARB BOWL VENT 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p>	<p>① <u>90-180° UPSIDE DOWN</u> 0.6 OZ BY WT FROM CARB BOWL VENT</p> <p>①</p> <p>② 1ST MIN. TRACE FROM CARB BOWL VENT 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p>
<p>① <u>180-270° LEFT SIDE DOWN</u></p> <p>① NO LEAKS</p> <p>② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p>	<p>① <u>180-270° RIGHT SIDE DOWN</u></p> <p>① NO LEAKS</p> <p>② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS</p>
<p>① <u>270-0° NORMAL ATTITUDE</u> NO LEAKS</p>	<p>① <u>270-0° NORMAL ATTITUDE</u> NO LEAKS</p>

KEY:

- ① LEAKAGE FIRST 5 MINUTES (INCLUDING ROYATE) EA12-005- Chrysler -001481  
 ② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

REPORTED BY J. A. SHEPSTONE

TYPE OF TEST 30 MPH PERP REAR IMPACT MOVEABLE BARRIER TEST NO. 1206









MODEL TESTED 8477 ENGINE 2.6L V6TANS. MANUAL 5 SPEED TEST DATE 11/11/03

TESTED FOR 8477 V.I.N. OR I.D. 1JCH1771ZET PLANT BUILT TOLEDO

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> BAT. REMOVED     | <input checked="" type="checkbox"/> AIR CLEANER ON                         |
| <input checked="" type="checkbox"/> COOLANT DRAINED  | <input checked="" type="checkbox"/> FUEL SYSTEM PRIMED                     |
| <input checked="" type="checkbox"/> ENG. OIL DRAINED | <input checked="" type="checkbox"/> VENT SYSTEM PURGED                     |
| <input checked="" type="checkbox"/> HOOD ON          | <input checked="" type="checkbox"/> TANK TO 95% CAP.<br>W/STANDARD SOLVENT |

COMMENTS

Time duration from barrier impact until start of static rollover test: 2 HRS & 35 MIN.  
Time duration to rotate vehicle through 90 degrees: 3 minutes.

 <u>0-90° RT. SIDE DOWN - CLOCKWISE</u> ① NO LEAKS	 <u>0-90° LEFT SIDE DOWN - COUNTER-CLOCKWISE</u> ① NO LEAKS
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
 <u>90-180° UPSIDE DOWN</u> ① NO LEAKS	 <u>90-180° UPSIDE DOWN</u> ① NO LEAKS
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
 <u>180-270° LEFT SIDE DOWN</u> ① NO LEAKS	 <u>180-270° RIGHT SIDE DOWN</u> ① NO LEAKS
② 1ST MIN. 2ND MIN. 3RD MIN.	② 1ST MIN. NO LEAKS 2ND MIN. NO LEAKS 3RD MIN. NO LEAKS
 <u>270-0° NORMAL ATTITUDE</u>	 <u>270-0° NORMAL ATTITUDE</u> NO LEAKS

KEY: ① LEAKAGE FIRST 5 MINUTES (INCLUDING ROTATE) EA12-005- Chrysler -001482  
 ② LEAKAGE REMAINING 3 MINUTES. INDICATE SPILLAGE BY WEIGHT AT EACH ONE MINUTE INTERVAL.

REPORTED BY J. P. McCARTHY

TEST NO. 1706

WISCONSIN TEST CENTER  
SAFETY TESTING - INSTRUMENTATION DEPARTMENT

MODEL 8477

TEST DATE 11/11/83

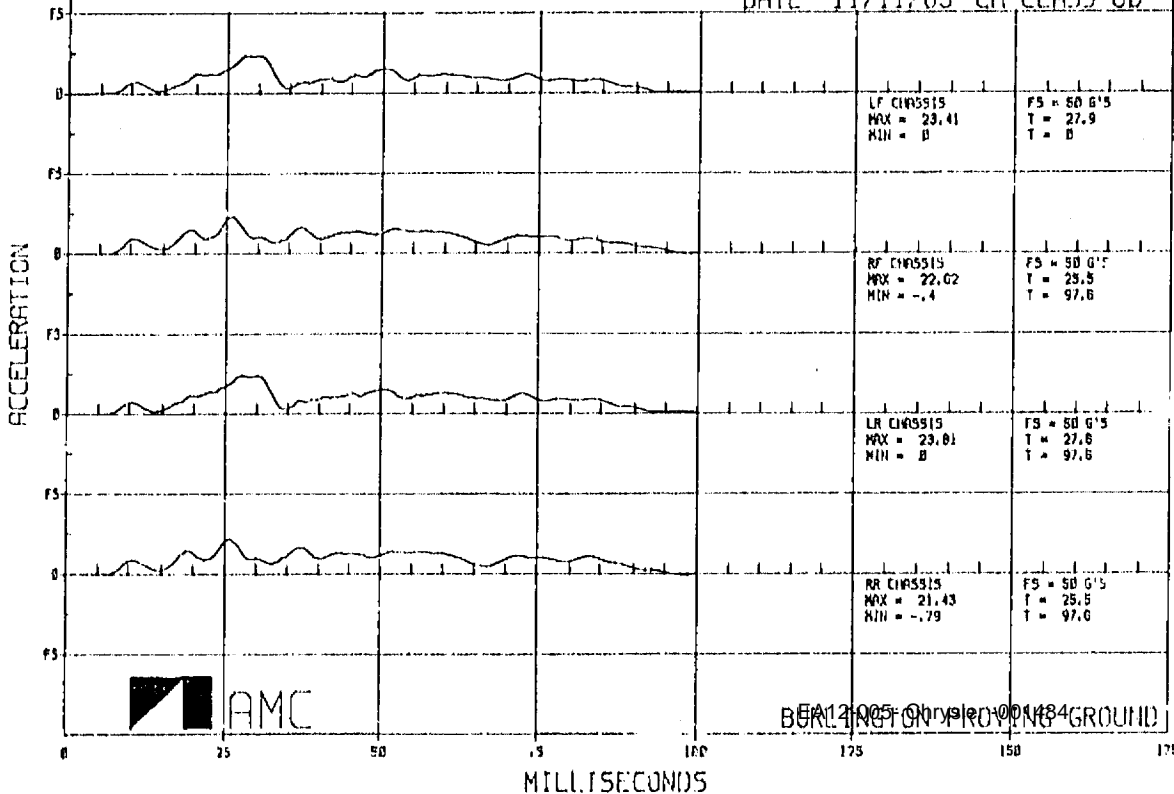
TESTED BY: P. KOPIYZKE

APPROVED BY T. R. HAYEK DATE \_\_\_\_\_

EA12-005- Chrysler -001483

# CHASSIS ACCEL

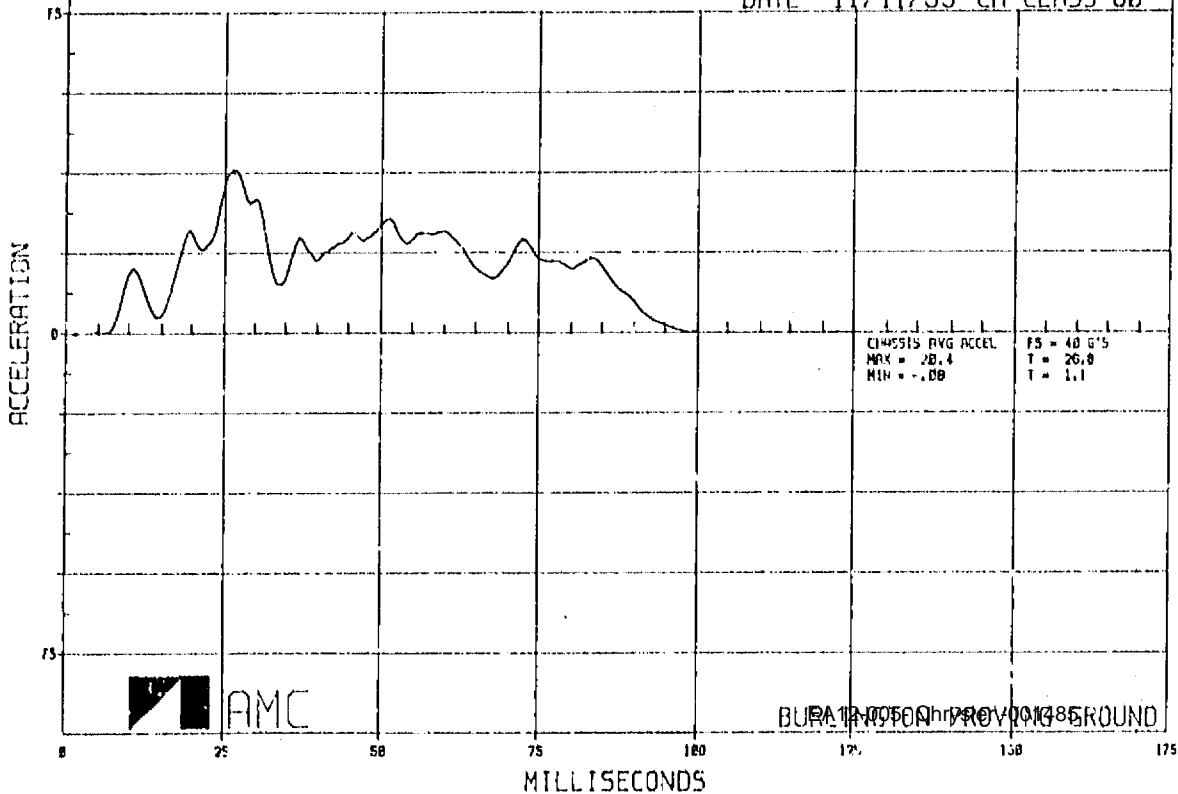
TEST# 1706  
 MODEL 8477  
 DATE 11/11/83 CR CLASS 60



BEA12005 Chrysler 001484 GROUND

# CHASSIS AVG ACCEL

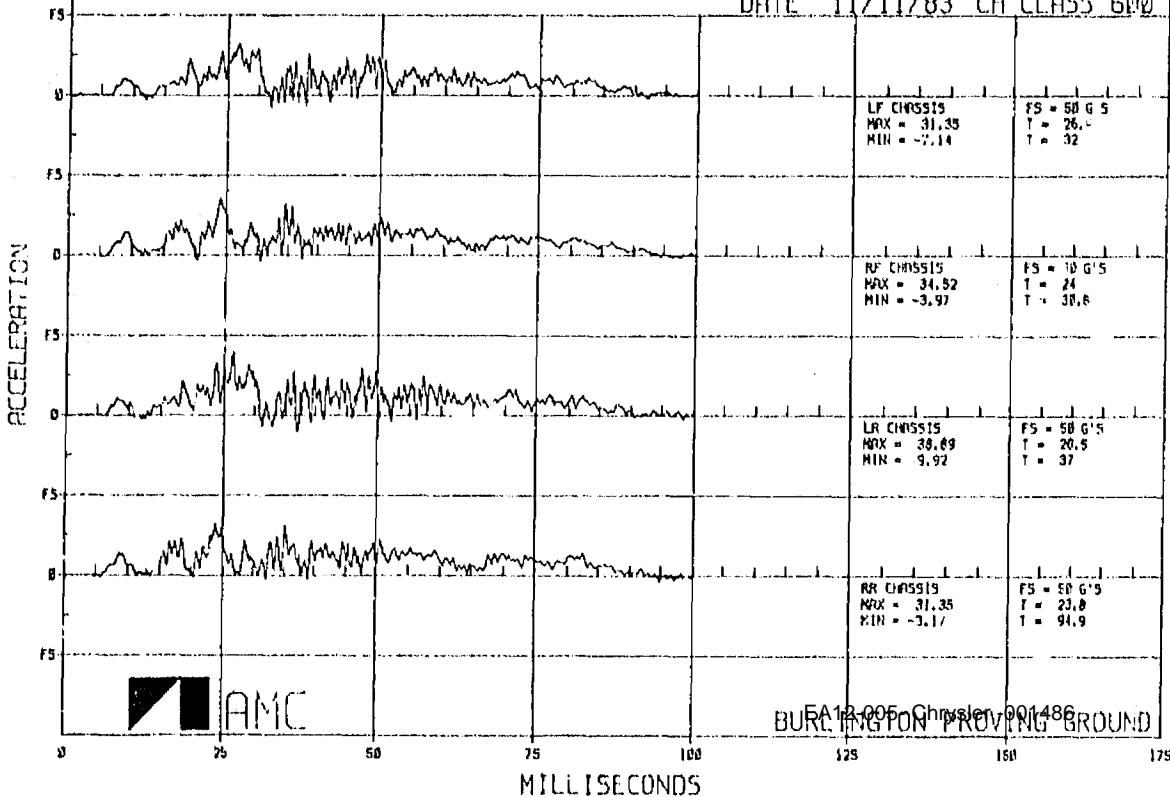
TEST # 1706  
MODEL 8477  
DATE 11/11/83 CH CLASS 60





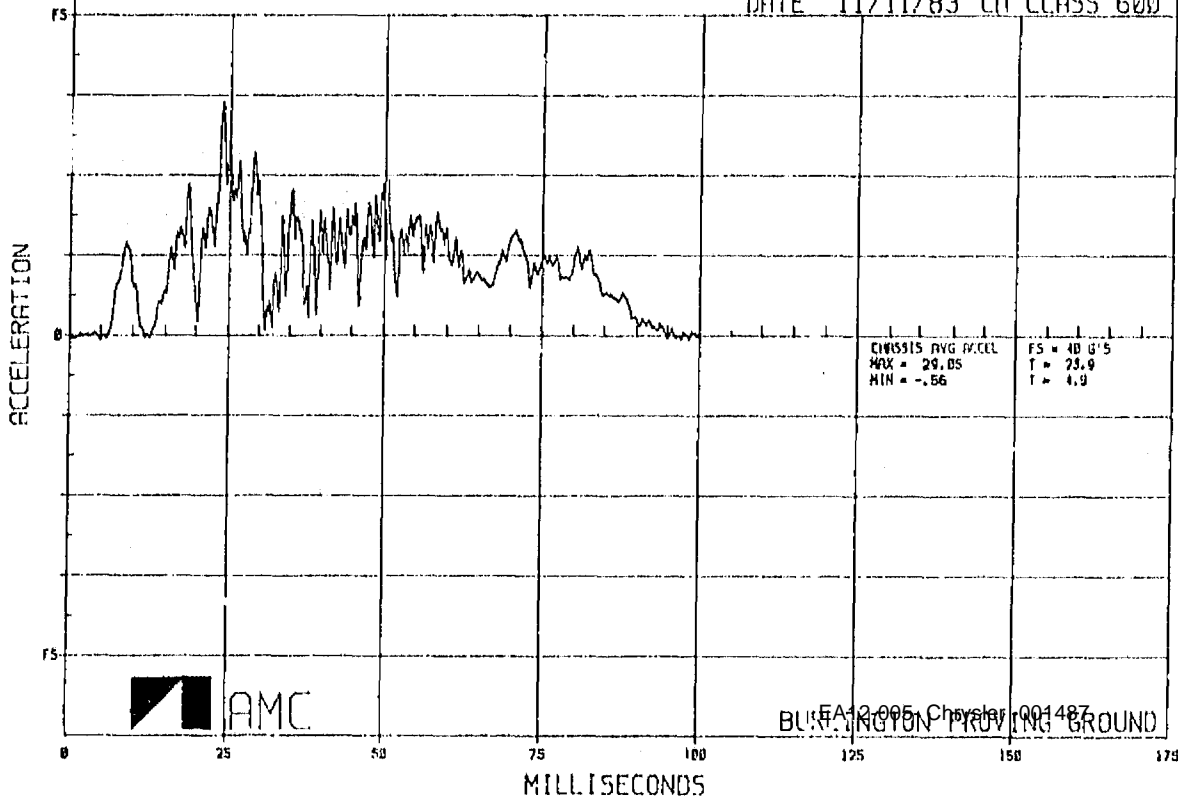
# CHASSIS ACCEL

TEST# 1706  
 MODEL 8477  
 DATE 11/11/83 CH CLASS 600



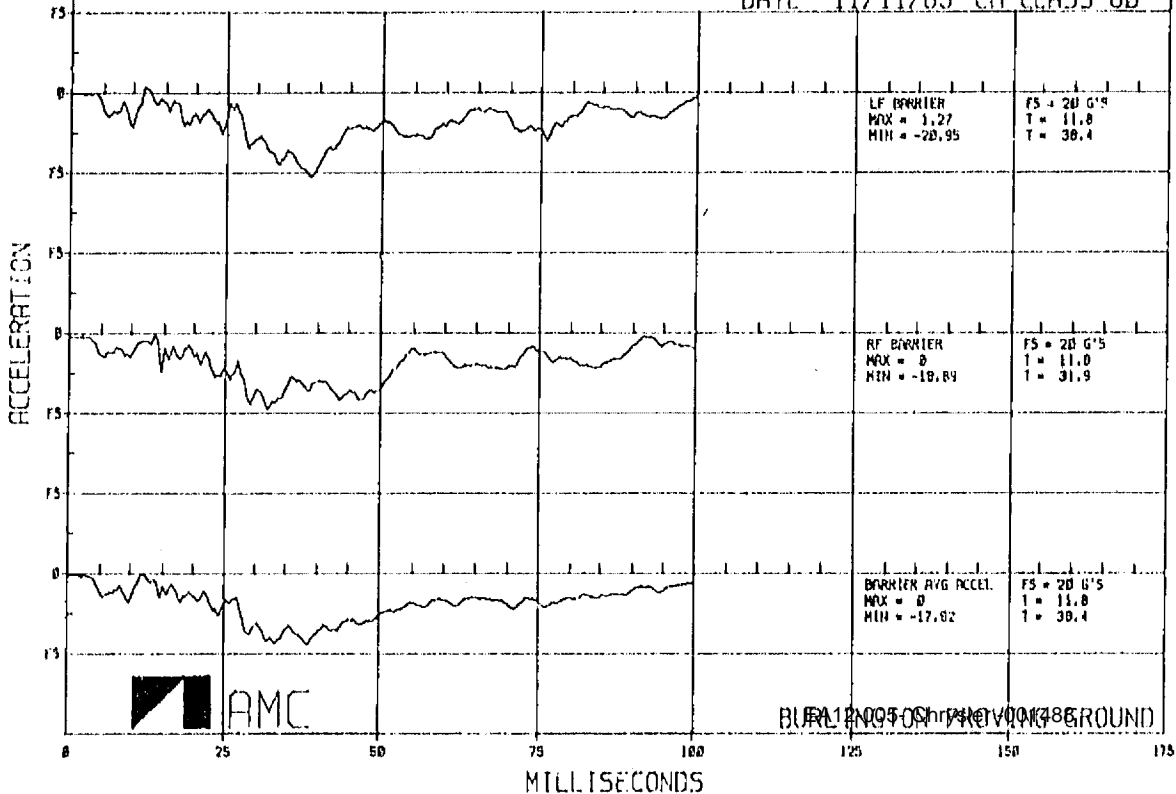
# CHASSIS AVG ACCEL

TEST# 1706  
MODEL 8477  
DATE 11/11/83 CII CLASS 600



# BARRIER ACCEL

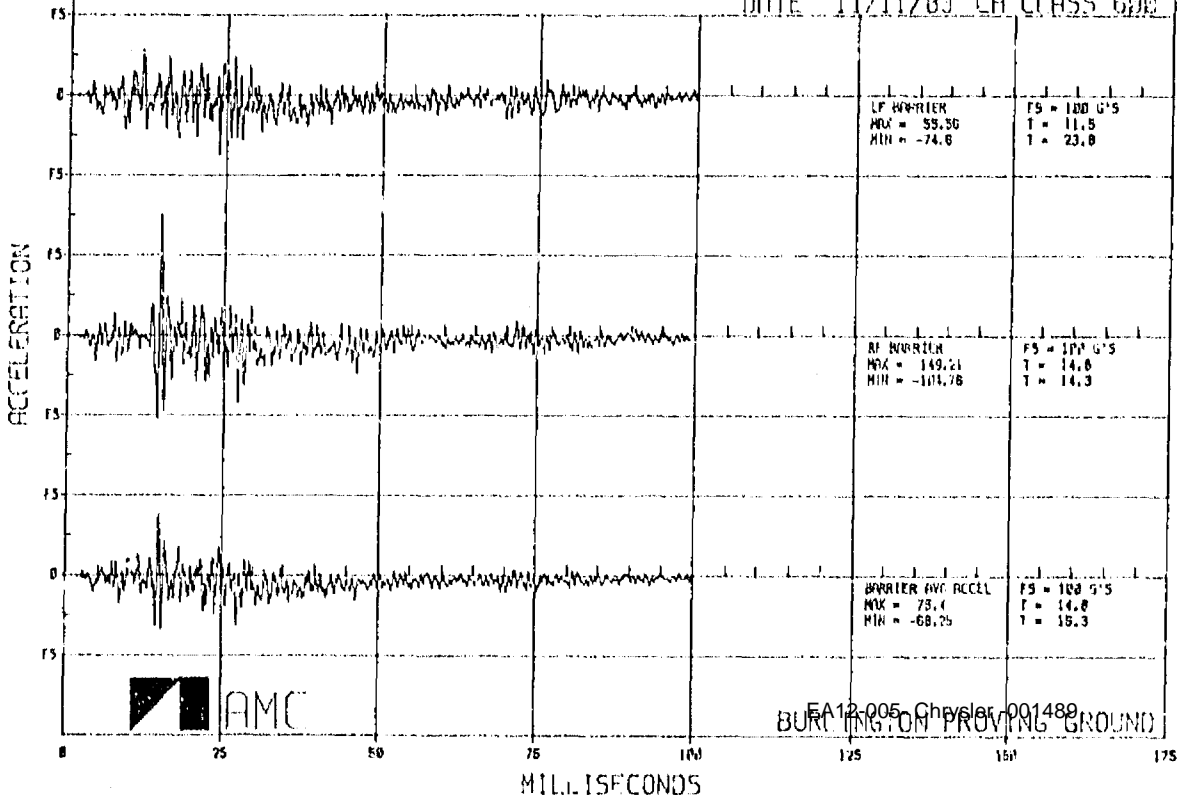
TEST# 1706  
 MODEL 8477  
 DATE 11/11/83 CH CLASS 60



BUFILE 1706505 SHR 11/11/83 REV 001486 ROUND

# BARRIER ACCEL

TEST# 1706  
MODEL 8477  
DATE 11/11/83 CH CLASS 600



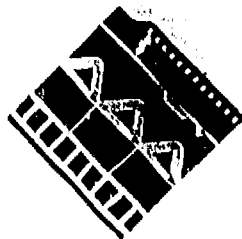
EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1711 photos

Image Source Inc.

221 Front Street

Toledo, Ohio 43607

419/6971111



DECLARATION OF INTENT AND PURPOSE

I Thomas J. Carden, employed by The Image Source, Inc. do hereby declare that the records microfilmed herein are actual records of the Chrysler Corp. APAC Vehicle Crash tests created during its normal course of business and that:

It is the express intent and purpose of this organization to destroy or otherwise dispose of the original records microphotographed herein, and that:

The destruction or disposition of the records microphotographed on this reel is only to be accomplished after inspection of the microfilm to assure completeness of coverage, and that:

It is the policy of this organization to microfilm and dispose of original records in accordance with customer authorization or as part of the planned organizational operation procedure.

Date 4 6 1985  
Month Day

Place Toledo Ohio  
city State

Thomas J. Carden  
Signature

Chrysler APAC  
Title

201 Front  
Location



EA12-005-Chrysler-004327



WISCONSIN SAFETY TEST SERVICES





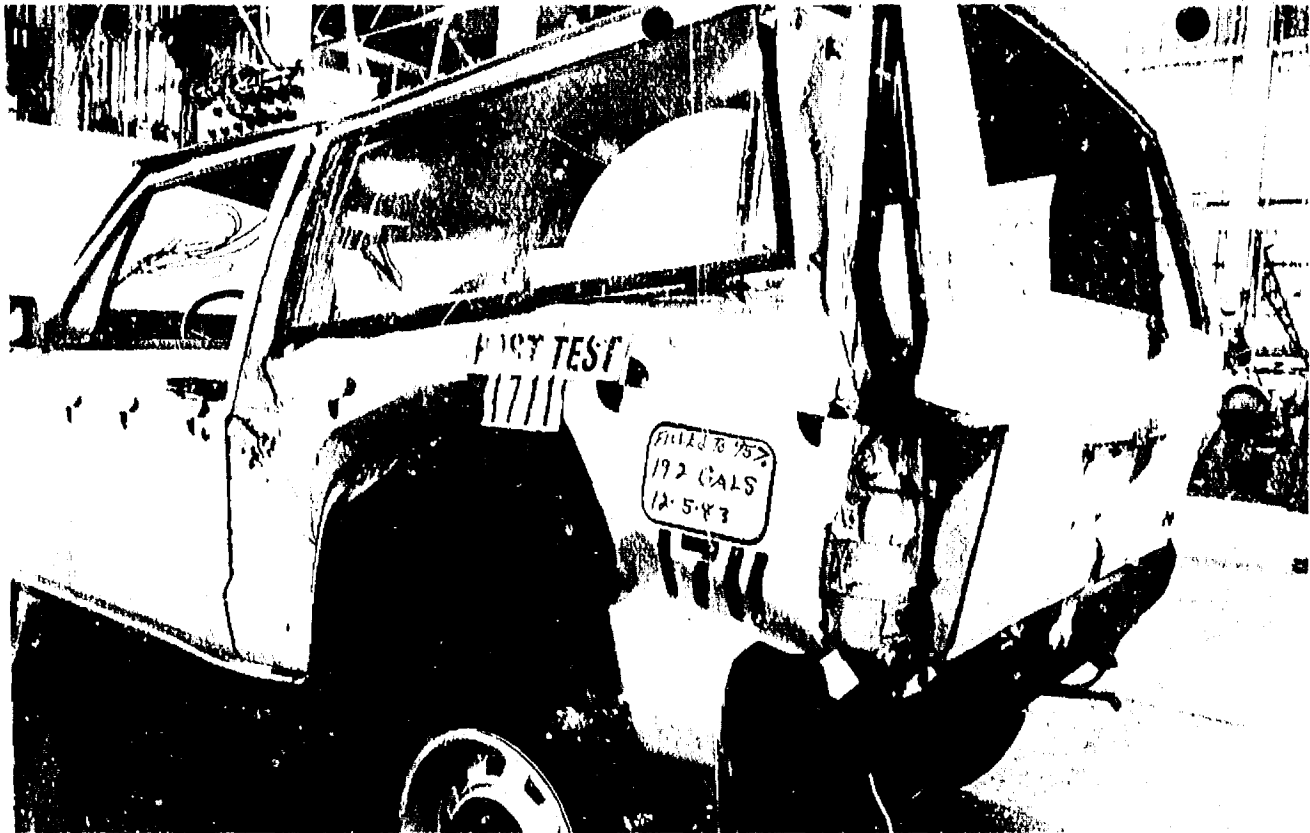
EA12-005- Chrysler -004328



WISCONSIN SAFETY TEST SERVICES







EAT2-005- Chrysler-004329



W I S C O N S I N   S A F E T Y   T E S T   S E R V I C E S



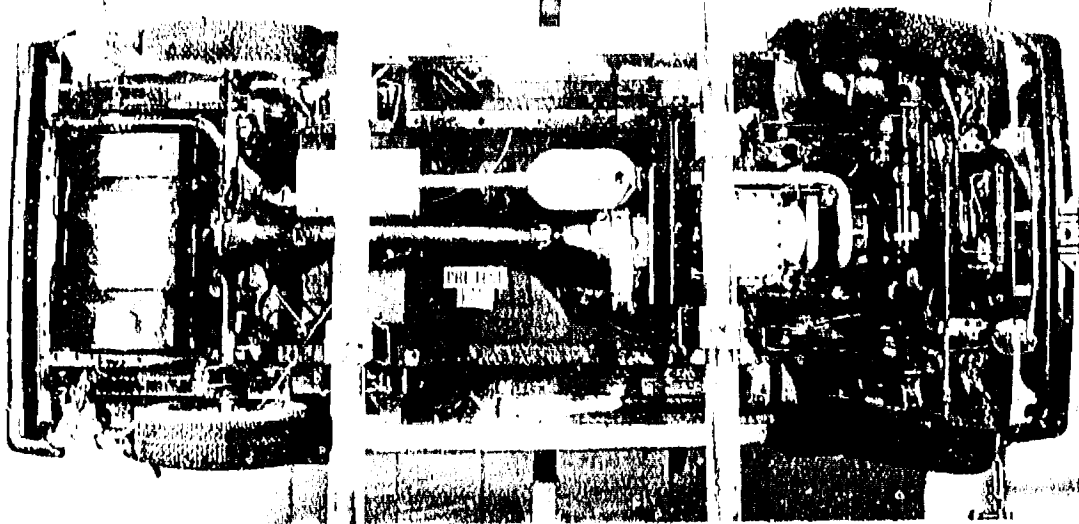


EA12-005- Chrysler -004330



W I S C O N S I N   S A F E T Y   T E S T   S E R V I C E S

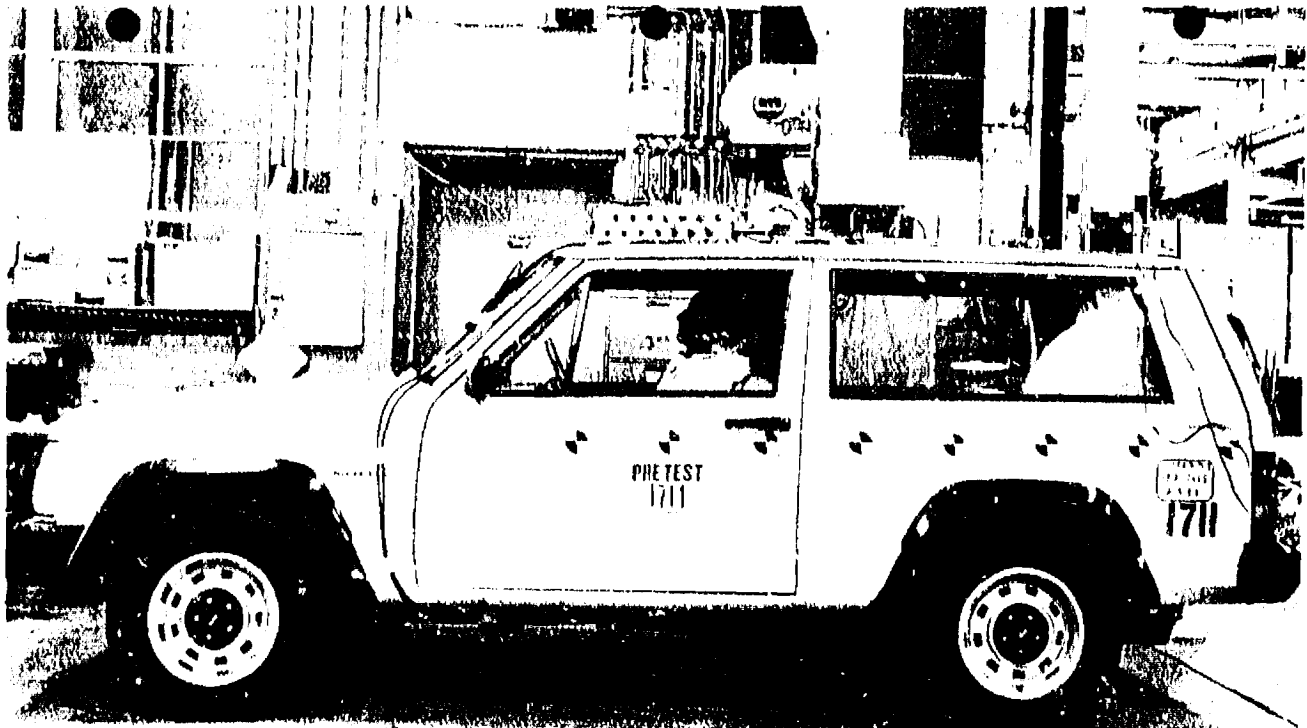




EA12-005- Chrysler -004331

WISCONSIN SAFETY TEST SERVICES





EA42-005-Chrysler -004332



W I S C O N S I N   S A F E T Y   T E S T   S E R V I C E S



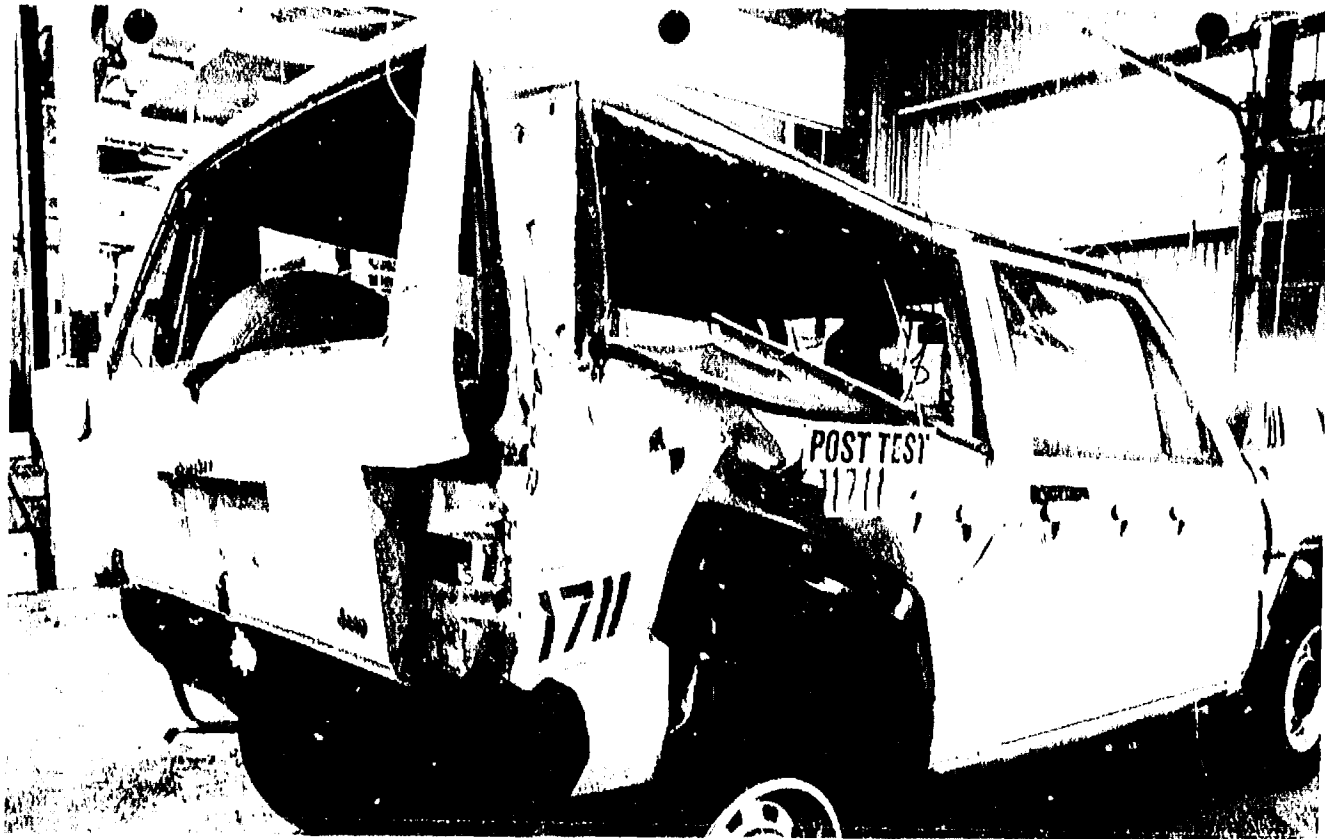


EA12-005- Chrysler -004333



W I S C O N S I N   S A F E T Y   T E S T   S E R V I C E S



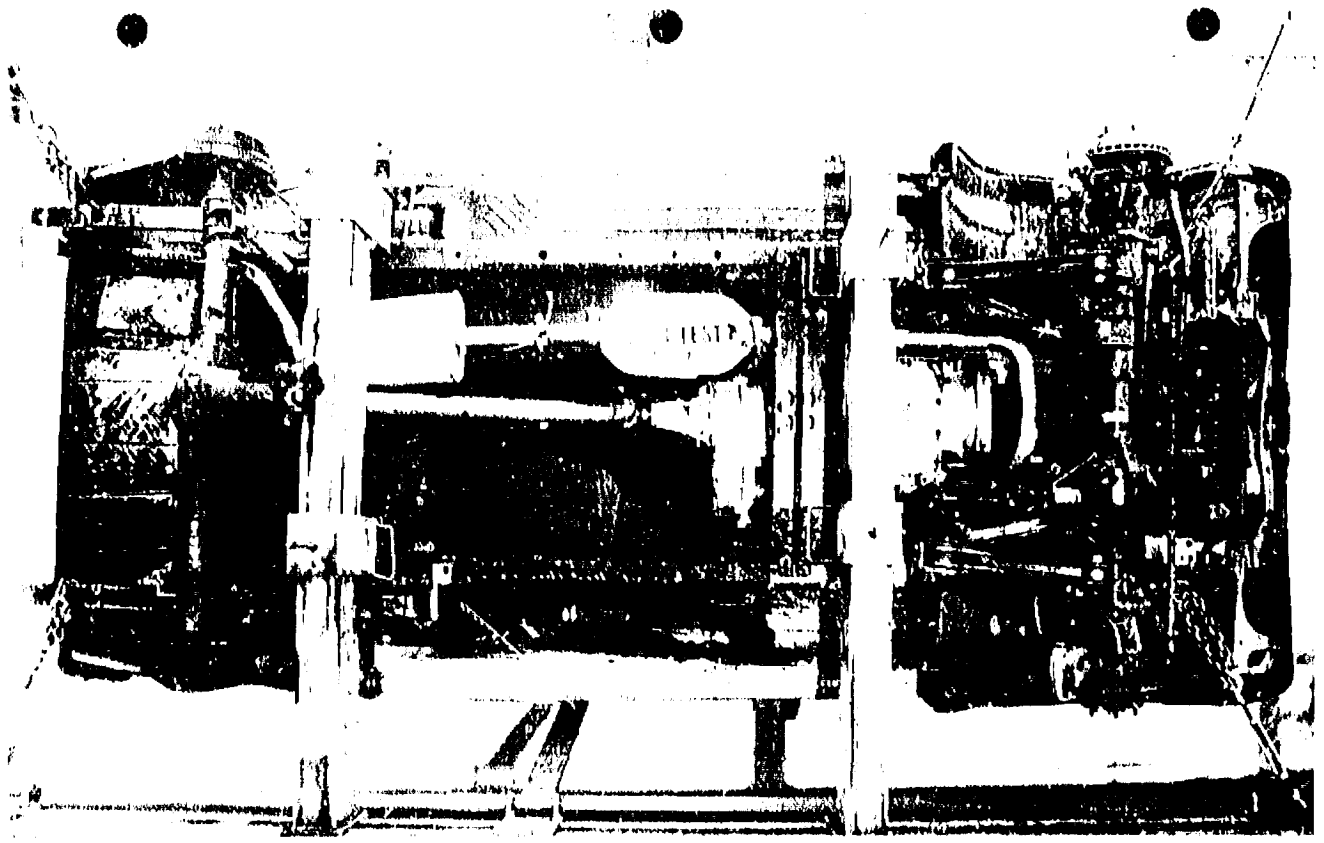


EA12-005- Chrysler -004334



W I S C O N S I N   S A F E T Y   T E S T   S E R V I C E S





EA12-005- Chrysler -004335



WISCONSIN SAFETY TEST SERVICES



EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1711 Public

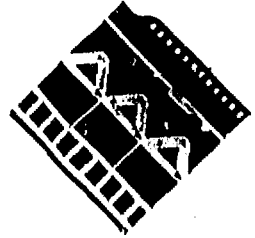


Image Source Inc.

801 Front Street

Toledo, Ohio 43605

419/697-1111



DECLARATION OF INTENT AND PURPOSE

I Leslie Freeman, employed by The Image Source, Inc. do hereby declare that the records microfilmed herein are actual records of the Chrysler AMC Vehicle Crash Tests created during its normal course of business and that:

It is the express intent and purpose of this organization to destroy or otherwise dispose of the original records microphotographed herein, and that:

The destruction or disposition of the records microphotographed on this reel is only to be accomplished after inspection of the microfilm to assure completeness of coverage, and that:

It is the policy of this organization to microfilm and dispose of original records in accordance with customer authorization or as part of the planned organizational operation procedure.

Date 12 8 1994  
Month Day

Place Toledo OH  
City State

Leslie Freeman  
Signature

Mr. FA12-005-Chrysler 1001490  
Title

801 Front St.  
Location



TEST REPORT NUMBER

1711

WRITTEN BY N. L. TORCO *NLT*  
SENIOR ANALYST

APPROVED BY *J. R. Hajedi*  
PRINCIPAL ENGINEER

DATE EA12-005- Chrysler 001491  
12/21/83



WISCONSIN SAFETY TEST SERVICES



TEST NO. 1711

SAFETY TEST REQUEST FORM

TEST TYPE:     PERPENDICULAR FRONT                       REAR                       OTHER (SPECIFY)  
                   30 DEGREE LEFT FRONT                     LEFT SIDE  
                   30 DEGREE RIGHT FRONT                     RIGHT SIDE

PURPOSE:         DEVELOPMENT                       CERTIFICATION                       MONITOR

TEST TO:         AM11016                       AM14174                       AM14216                       FMVSS208  
                   AM14173                       AM14187A                       OTHER (SPECIFY)

VEHICLE DATA:    MODEL B477    ENGINE 2.8L V-6    TRANS AUTO    ID. 1JCW07715ET  
                  OTHER EQUIPMENT    OPTIONAL 20.2 GALLON FUEL TANK  
                  FUEL CAPACITY 20.2    VEHICLE HEIGHTS: FRONT \_\_\_\_\_ REAR \_\_\_\_\_  
                  VEHICLE WEIGHTS: FRONT \_\_\_\_\_ REAR \_\_\_\_\_ TOTAL \_\_\_\_\_

INSTRUMENTATION DEVIATIONS: \_\_\_\_\_

PHOTO COVERAGE DEVIATIONS: \_\_\_\_\_

SPECIAL INSTRUCTIONS \_\_\_\_\_

MODIFICATIONS AT AMTEK    NONE

MODIFICATIONS AT WISCONSIN SAFETY TEST SERVICES    NONE

EA42-005 Chrysler 001402

TEST REQUESTOR A. WOHLGEMUTH    DATE 11/23/83    APPROVED W. R. KIRK    DATE 12/2/83

WISCONSIN SAFETY TEST SERVICES - RECEIVED AND REVIEWED T. R. HAYEK    DATE 11/29/83



WISCONSIN SAFETY TEST SERVICES



TEST NO. 1711

TEST OBJECTIVE

THIS MONITOR TEST VEHICLE WAS A PRODUCTION 1984 JEEP XJ MODEL 8477 WHICH WAS RECEIVED AT WISCONSIN SAFETY TEST SERVICES ON 11/29/93; IT WAS A NEW PRODUCTION VEHICLE AND HAD NOT UNDERGONE ANY PREVIOUS TESTS. THIS VEHICLE WILL UNDERGO A 30 MPH PERPENDICULAR REAR IMPACT MOVEABLE BARRIER TEST AND PERFORMANCE RELATIVE TO AM14046 MONITORED.

TEST RESULTS

THE TEST WAS PERFORMED ON 12/7/93 AT A SPEED OF 30.1 MPH, ANALYSIS OF TEST RESULTS INDICATE THIS VEHICLE PASSED THE PERFORMANCE CRITERIA OF AM14046.

EA12-005- Chrysler -001493



TEST OBSERVATIONS

THE SPARE TIRE AND JACK REMAINED SECURED DURING THE TEST.

THE FUEL LINE TUBING HAD A LARGE GOUGE IN IT DUE TO THE MOUNTING BRACKET MAKING CONTACT DURNQ IMPACT.

TEST RESULTS SUMMARY SHEETTEST TYPE 30 MPH PERPENDICULAR REAR IMPACT MOVEABLE BARRIERTEST SPEED 30.1 MPH, TEST DATE 12/7/83 VEHICLE MODEL 8477

SPECIFICATION	NOT TESTED	PASS	FAIL	SPECIFICATION REQUIREMENTS	TEST RESULTS
SFAM 14046 REF. FMVSS 301 FUEL SYSTEM INTEGRITY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ON SITE 0.5 OZ. MAX DURING IMPACT 2.5 OZ. MAX IN FIRST 5 MIN. 0.5 OZ. MAX PER MIN. FOR NEXT 25 MIN.	<u>0</u> <u>0</u> <u>0</u>
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	POST TEST ROLLOVER 2.5 OZ. MAX IN FIRST 5 MIN. 0.5 OZ. MAX PER MIN. NEXT 3 MIN.	<u>0</u> <u>0</u>
SFAM 14173 REF. FMVSS 212 WINDSHIELD RETENTION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NOT LESS THAN 85% RETENTION	_____
SFAM 14174 REF. FMVSS 204 STEERING COLUMN INTRUSION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NOT TO EXCEED 4.0" DYNAMIC COLUMN INTRUSION	____ DYNAMIC ____ STATIC
SFAM 14216 REF. FMVSS 219 WINDSHIELD ZONE INTRUSION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PROTECTED ZONE MUST NOT BE VIOLATED - SEE AM 14216	_____
FMVSS 208 INJURY CRITERIA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	HIC NOT TO EXCEED 1000 CHEST ACCL. NOT TO EXCEED 60 g's FOR OVER 3 MS. LEFT FEMUR LOAD NOT TO EXCEED 2250 LBS. RIGHT FEMUR LOAD NOT TO EXCEED 2250 LBS.	DRIVER _____ PASS. _____ _____ _____

NOTE: TEST RESULTS SHEETS INCLUDE DETAILED INFORMATION.

COMMENTS \_\_\_\_\_

EA12-005- Chrysler -001495

SIGNATURE B. L. TURCODATE 12/21/83





EA12-005- Chrysler -001497



SEAM 14046 TEST RESULTS - REFERENCE FMVSS 301 FULL SYSTEM INTEGRITYON SITETOTAL FUEL LOSS DURING IMPACT 0TOTAL FUEL LOSS IN THE 5 MINUTE PERIOD FOLLOWING  
CESSATION OF VEHICLE MOTION AFTER IMPACT 0MAXIMUM FUEL LOSS PER MINUTE DURING SUBSEQUENT  
25 MINUTE PERIOD 0ROLLOVER

MOVE	FUEL LOSS	
	FIRST 5 MIN. - TOTAL WT.	1 MIN. INTERVAL - MAX RATE
0 - 90 DEGREES	0	0
90 - 180 DEGREES	0	0
180 - 270 DEGREES	0	0
270 - 0 DEGREES	0	0

ROLL CLOCKWISE                      TIME DURATION FROM BARRIER  
 ROLL COUNTERCLOCKWISE            IMPACT TO POST TEST ROLLOVER 3.5 HOURS

NOTE: ALL FUEL LOSS MEASUREMENTS ARE IN OZ. BY WEIGHT.

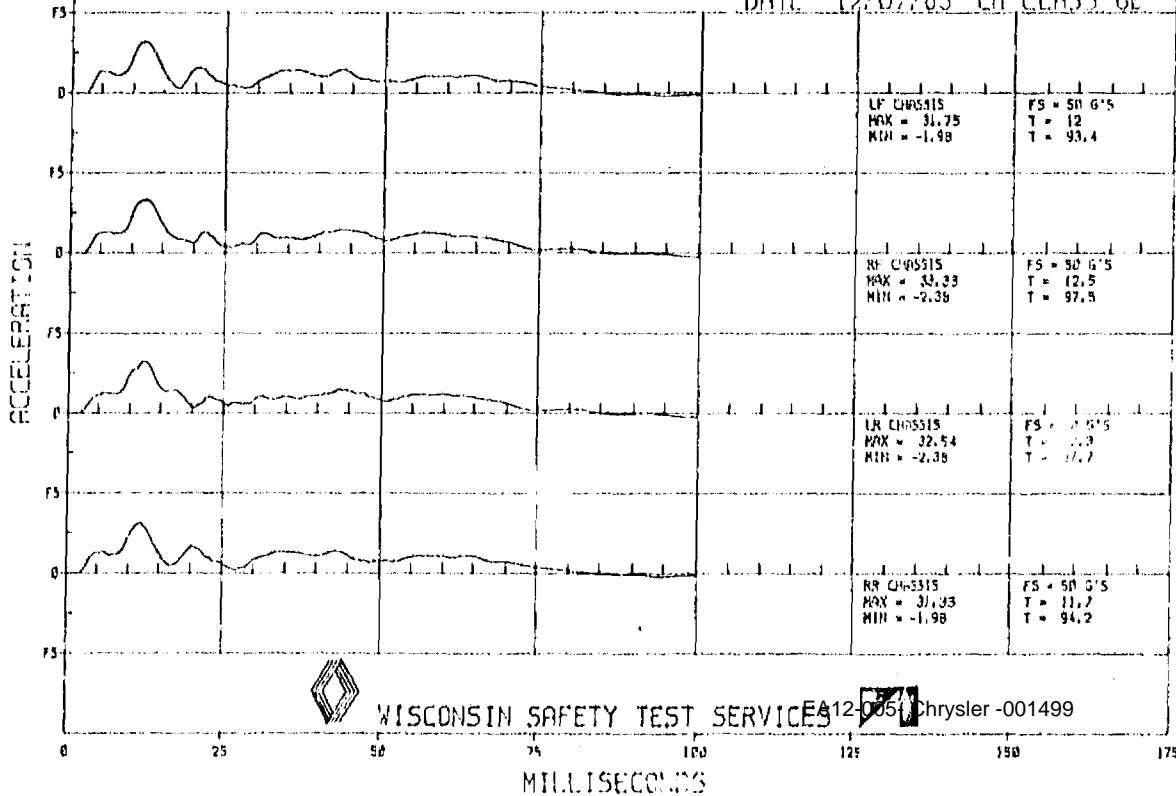
COMMENTS \_\_\_\_\_

EA12-005- Chrysler -001498

SIGNATURE D. CRUCIANELLI                      DATE 12/7/83

# CHASSIS ACCEL

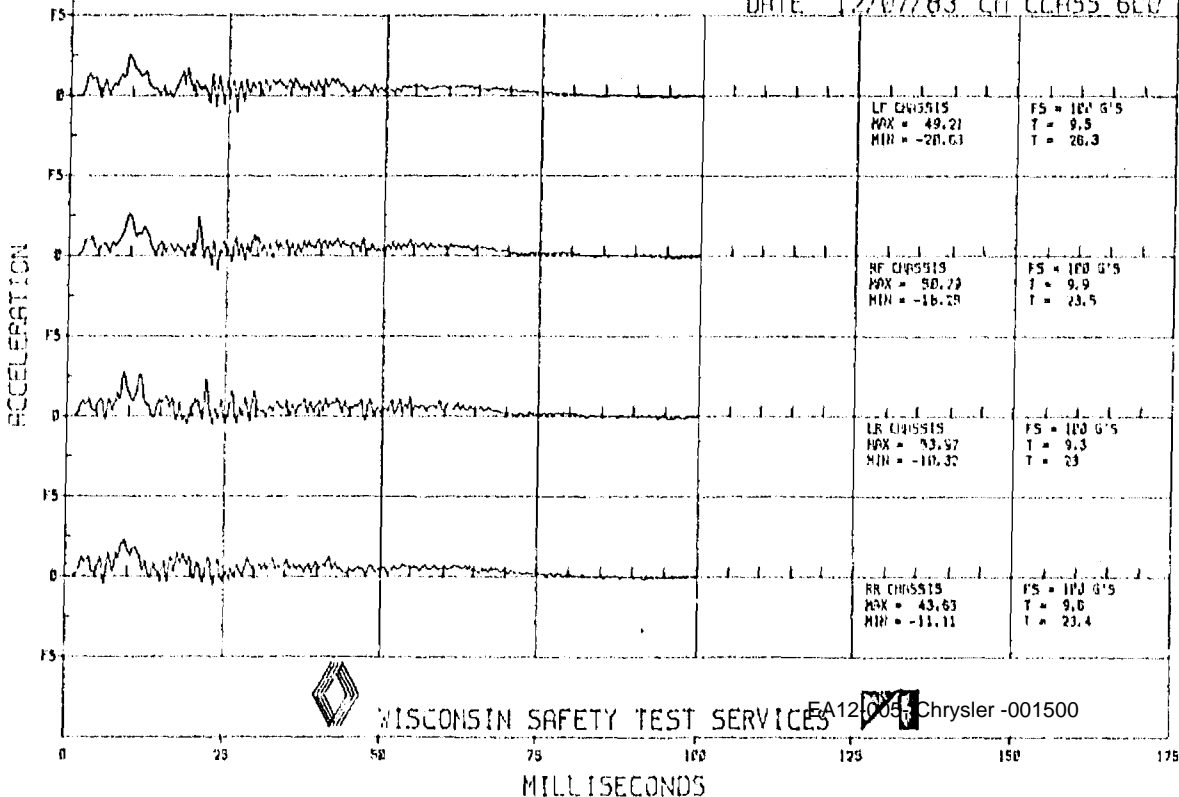
TEST# 1711  
 MODEL 8477  
 DATE 12/07/83 CH CLASS 60



WISCONSIN SAFETY TEST SERVICES 12-0051 Chrysler -001499

# CHASSIS ACCEL

TEST# 1711  
MODEL 8477  
DATE 12/07/83 CU CLASS 600



WISCONSIN SAFETY TEST SERVICES

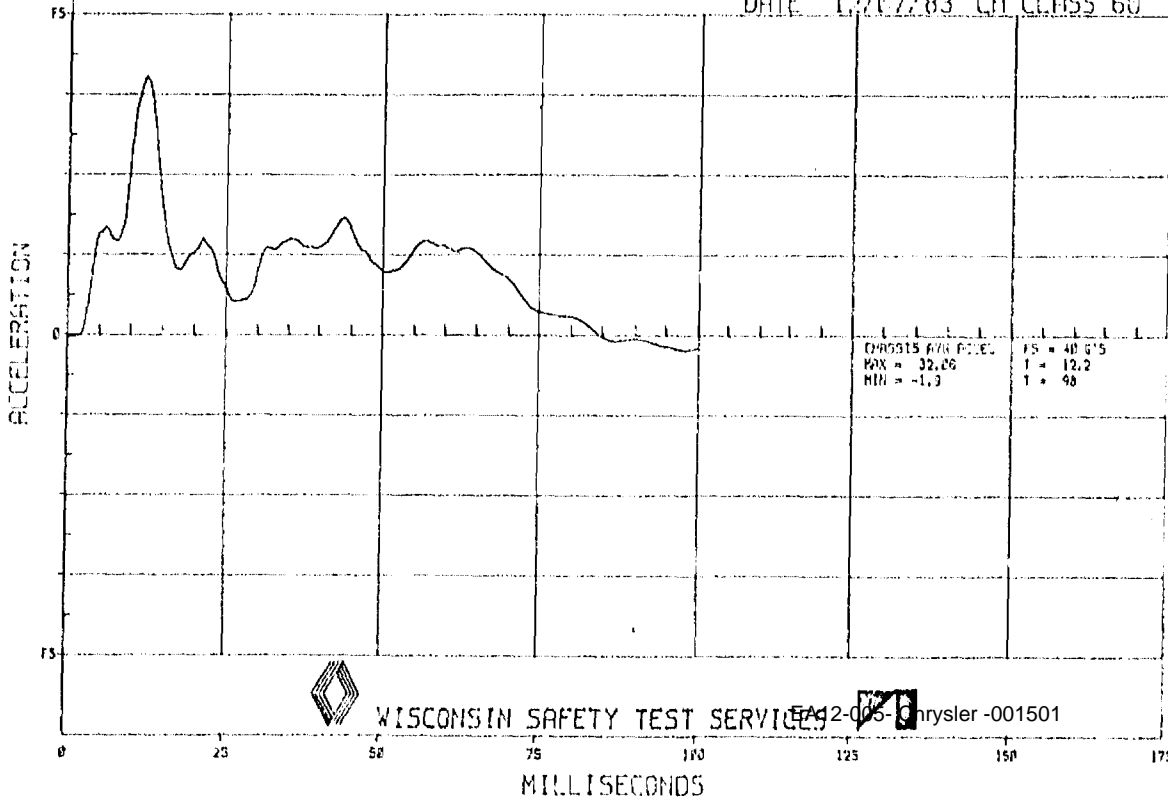
FA12008

Chrysler -001500

MILLISECONDS

# CHASSIS AVG ACCEL

TEST# 1711  
MODEL 8-177  
DATE 12/07/83 CH CLASS 60

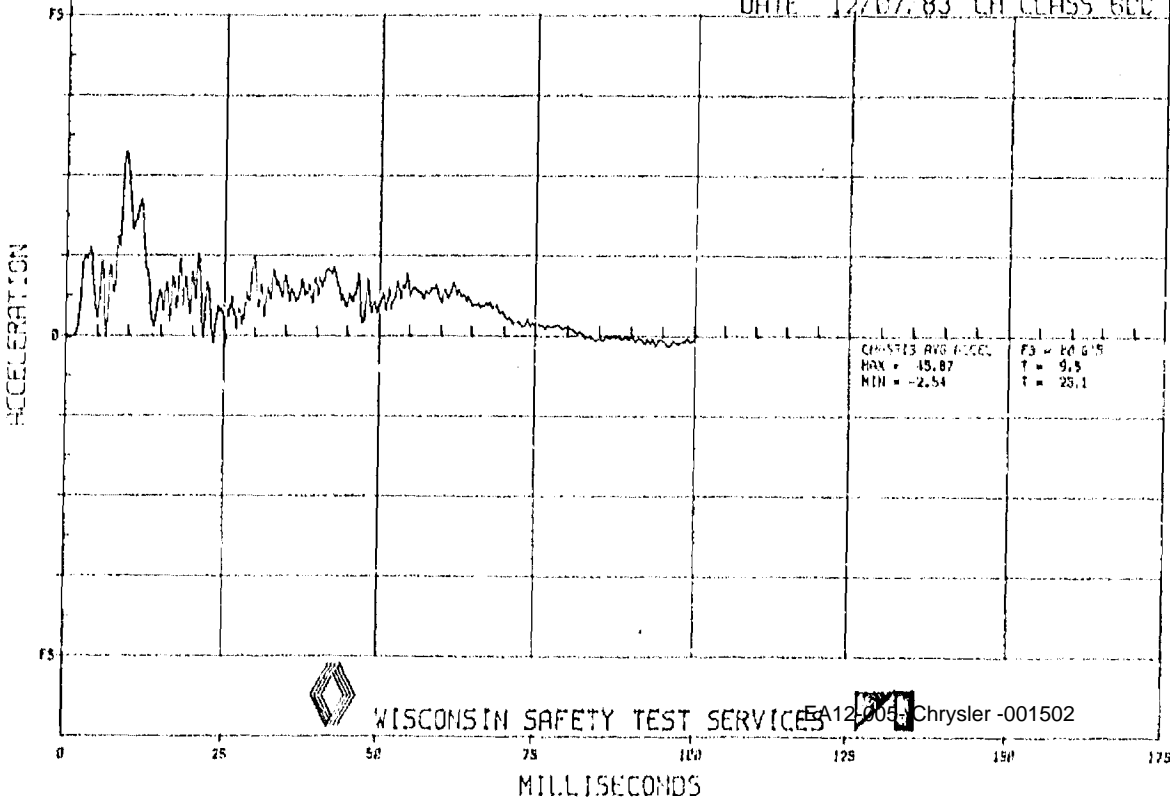


WISCONSIN SAFETY TEST SERVICE EA-12-005- Chrysler -001501

MILLISECONDS

# CHASSIS AVG ACCEL

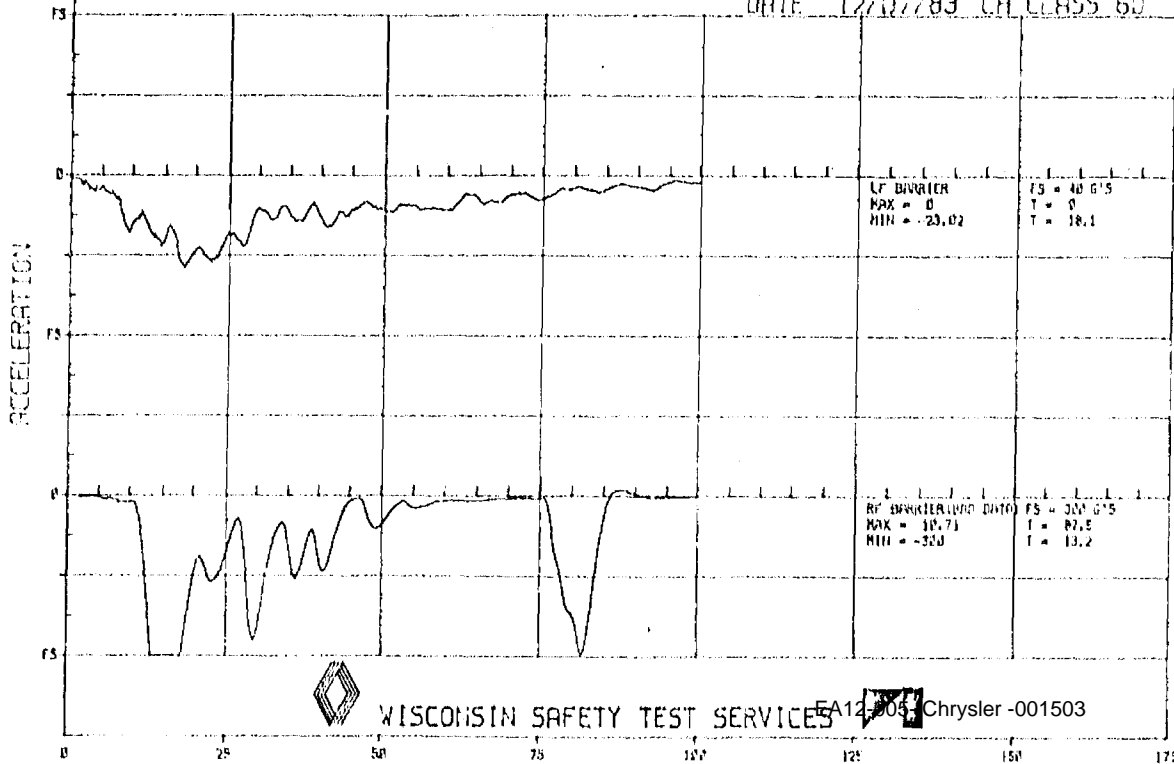
TEST# 1711  
MODEL 8477  
DATE 12/07/83 CH CLASS 600



WISCONSIN SAFETY TEST SERVICES EA12005 Chrysler-001502

# BARRIER ACCEL

TEST# 1711  
MODEL 8477  
DATE 12/17/83 CH CLASS 60

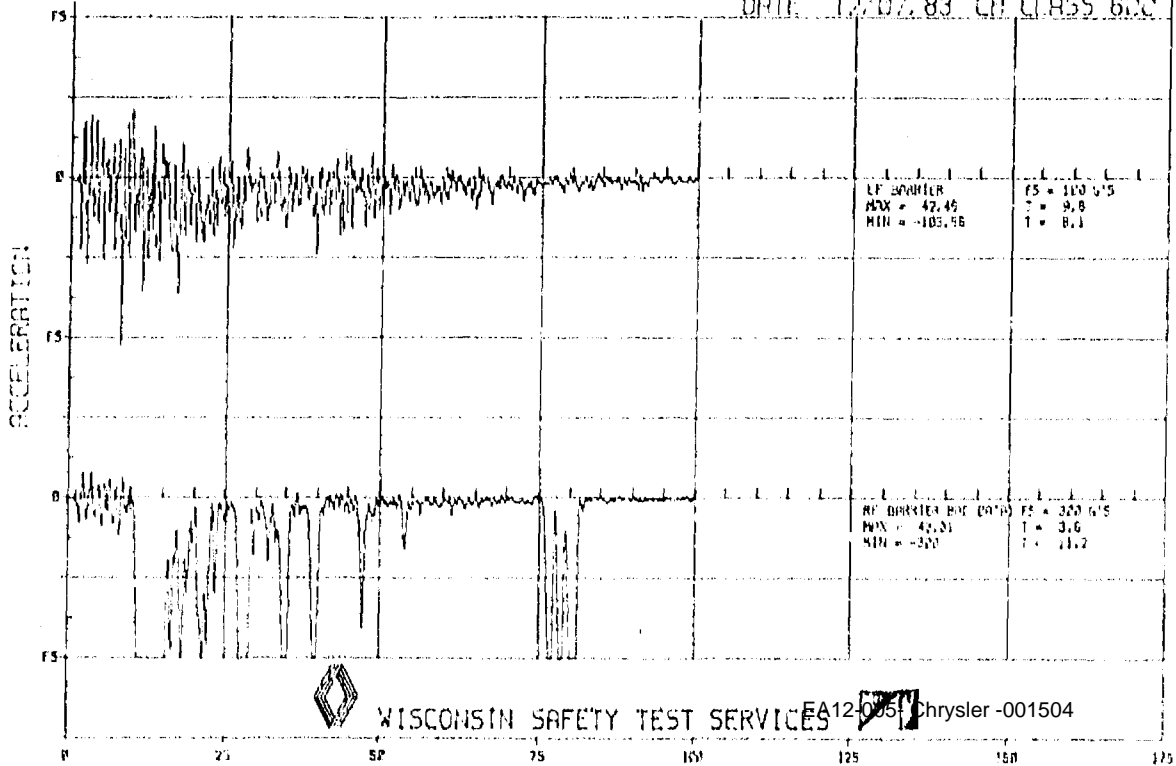


WISCONSIN SAFETY TEST SERVICES EA12-005 Chrysler-001503

MILLISECONDS

# BARRIER ACCEL

TEST# 1711  
MODEL 8477  
DATE 12/07/83 CH CLASS 600



WISCONSIN SAFETY TEST SERVICES EA12-0051 Chrysler -001504

MILLISECONDS

EA12-005  
CHRYSLER  
12-13-2012  
Enclosure 6B  
301 Developmental Crash  
Tests Public  
XJ Development Crash Test  
AM 1723 photos

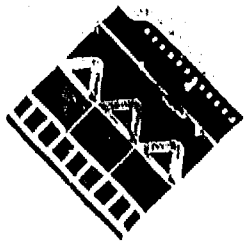


Image Source Inc

831 Front Street

Toledo, O. 43603

419/627-1111



DECLARATION OF INTENT AND PURPOSE

I Thomas J. Carden, employed by The Image Source, Inc. do hereby declare that the records microfilmed herein are actual records of the Chrysler Corp. AMC Vehicle Control tests created during its normal course of business and that:

It is the express intent and purpose of this organization to destroy or otherwise dispose of the original records microphotographed herein, and that:

The destruction or disposition of the records microphotographed on this reel is only to be accomplished after inspection of the microfilm to assure completeness of coverage, and that:

It is the policy of this organization to microfilm and dispose of original records in accordance with customer authorization or as part of the planned organizational operation procedure.

Date 4 16 1975  
Month Day  
Place Toledo Ohio  
City State

Thomas J. Carden  
Signature  
Control Operator  
Title  
801 Front  
Location

EA12-005-Chrysler-004336



EA12-005-Chrysler-004337



W I S C O N S I N   S A F E T Y   T E S T   S E R V I C E S



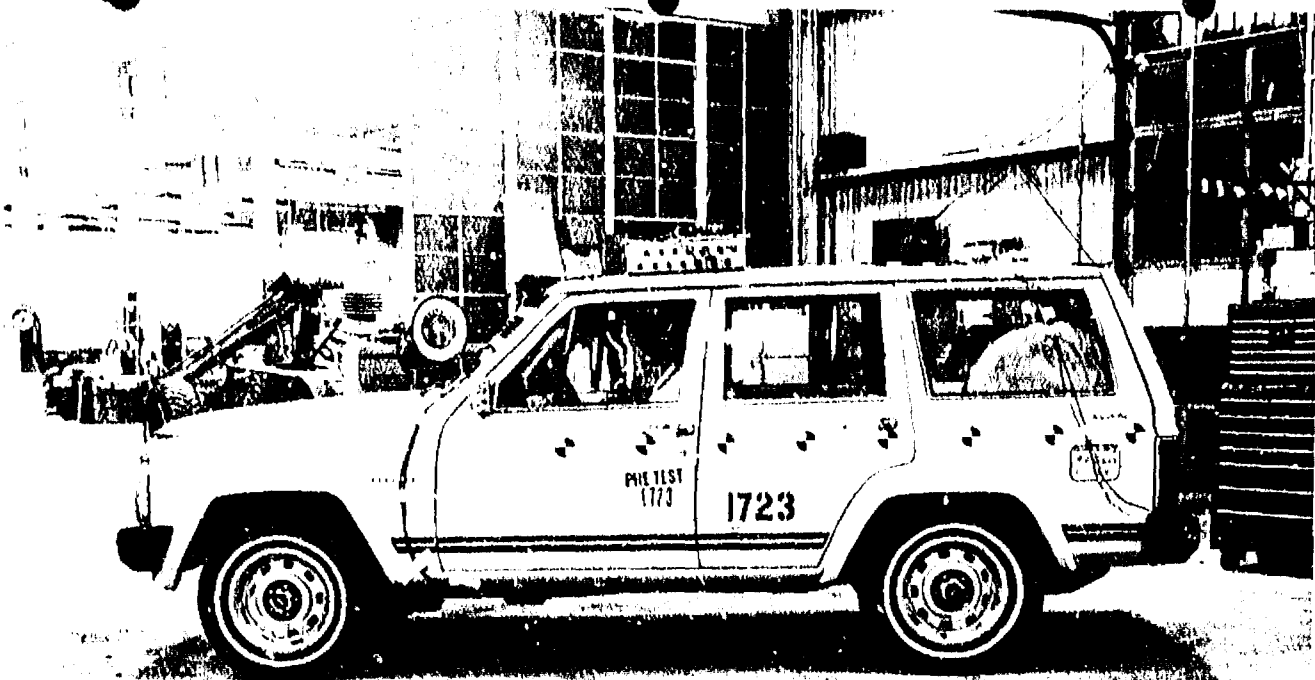


EA12-005- Chrysler -004338



WISCONSIN SAFETY TEST SERVICES



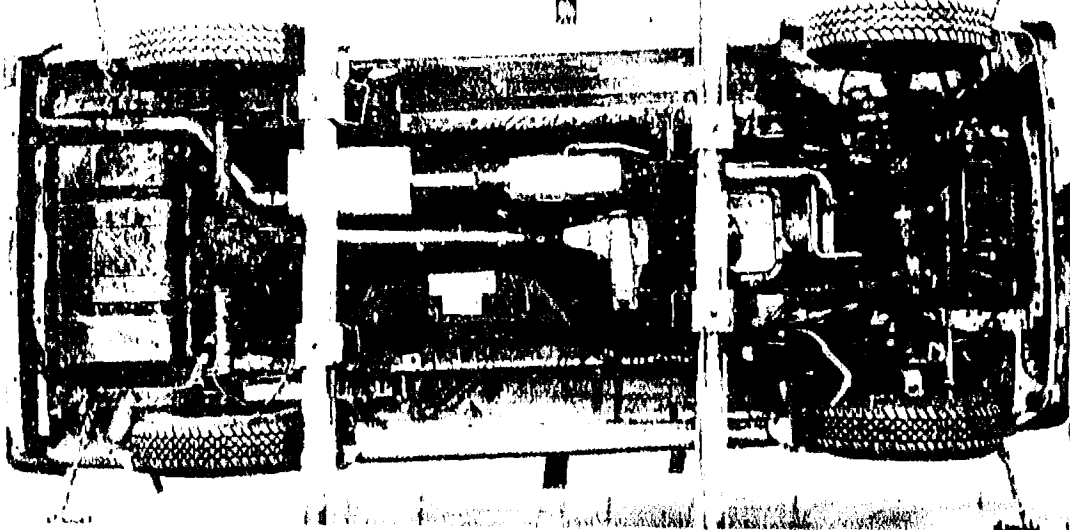


EA12-005- Chrysler -004339



WISCONSIN SAFETY TEST SERVICES





EA12-005- Chrysler -004340



WISCONSIN SAFETY TEST SERVICES





EA12-005- Chrysler -004341



WISCONSIN SAFETY TEST SERVICES





EA12-005- Chrysler -004342



W I S C O N S I N   S A F E T Y   T E S T   S E R V I C E S



**POST TEST** wheel drive

**1723**

UNLEADED FUEL

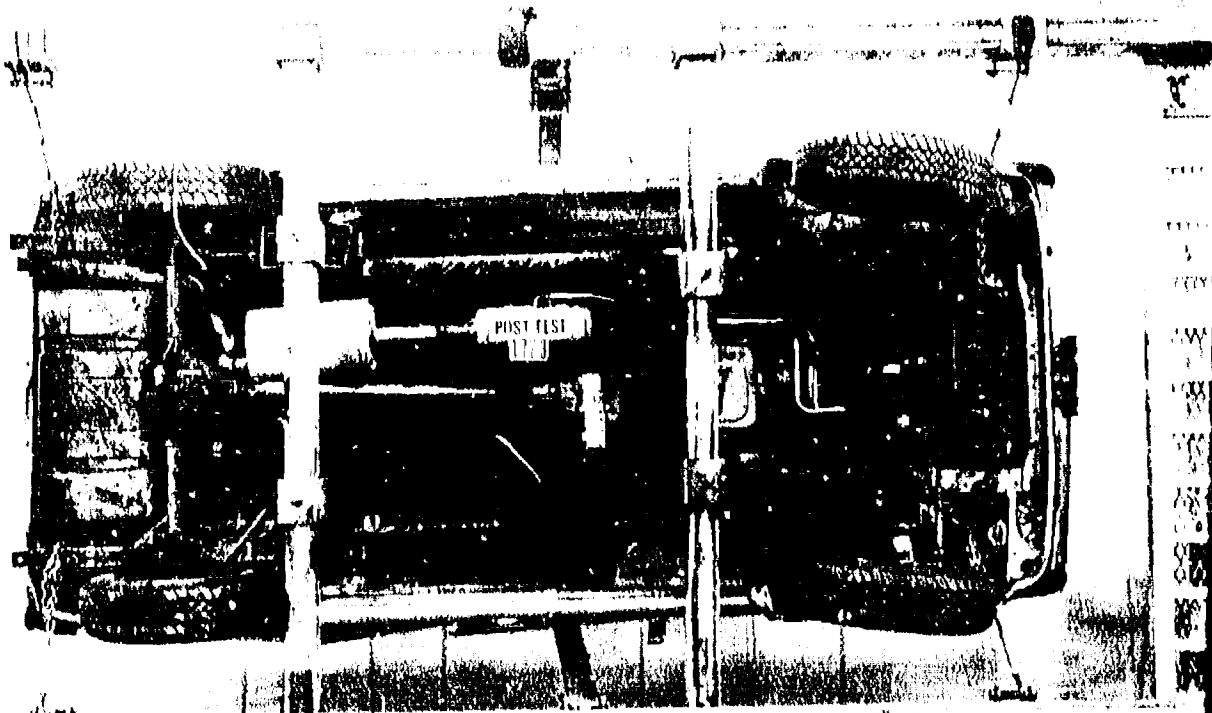
EA12-005-Chrysler-004343



W I S C O N S I N   S A F E T Y   T E S T   S E R V I C E S







EA12-005- Chrysler -004344

WISCONSIN SAFETY TEST SERVICES



EA12-005- Chrysler -004345



WISCONSIN SAFETY TEST SERVICES

