

**NHTSA  
BIOMECHANICS DATABASE  
REPORT  
TEST# 3823**

U.S. DEPARTMENT OF TRANSPORTATION  
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION  
CRASH AUTOMOBILE RESEARCH SYSTEM  
DYNAMIC CRASH FILE CATALOG

SELECTION CRITERION  
BIODB

VERSION 4 DATA

TABLE OF CONTENTS

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REFERENCE NUMBER	CONTRACT NUMBER	TEST PERFORMER	TEST TITLE
<u>3823</u>		<u>AUTOLIV AUSTRALIA P/L</u>	<u>OUT OF POSITION PASS AIRBAG DEPLOYMENT</u> <u>6YR HIII ISO POSITION 1</u>

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**TEST INFORMATION  
FOR TEST 3823**

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**Test Title:** OUT OF POSITION PASS AIRBAG DEPLOYMENT 6YR HIII ISO POSITION 1

**Test Date:** 13-OCT-97                      **Entry Date:** 10-SEP-98

**Test Number:** 3823                      **Contract Number:**

**Test Performer:** AUTOLIV AUSTRALIA P/L    **Test Reference Number:** TG7LP004

**Test Configuration:** SLED WITHOUT VEHICLE BODY

**Test Objectives:**

**Closing Speed:** 0                      **Impact Angle:** 0

**Recorder Type:** OTHER                      **Data Link To Recorder:** OTHER

**Ambient Temperature:** 0

**Total Curves:** 13

**Test Comments:** SAE-J211 POLARITY APPLIES

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## DUMMY OCCUPANT INFORMATION FOR TEST 3823

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Test Number:	<u>3823</u>
Occupant Location:	<u>RIGHT FRONT SEAT</u>
Occupant Type:	<u>HYBRID III DUMMY</u>
Occupant Sex:	<u>NOT APPLICABLE</u>
Seat Position:	<u>NON-ADJUSTABLE SEAT</u>
Head Injury Criterion:	<u>0</u>
Lower Boundary of HIC Time Interval:	<u>0</u>
Upper Boundary of HIC Time Interval:	<u>0</u>
Thorax Region Peak Acceleration:	<u>0</u>
Left Femur Peak Load:	<u>0</u>
Right Femur Peak Load:	<u>0</u>
Chest Severity Index:	<u>0</u>
Lap Belt Peak Load:	<u>0</u>
Shoulder Belt Peak Load:	<u>0</u>
Thoracic Trauma Index:	<u>0</u>
Pelvic G's:	<u>0</u>
Method of Calibration:	<u>HYBRID III</u>
Dummy Size Percentile:	<u>6 YEAR OLD CHILD</u>
Dummy Manufacturer and Serial#:	
Dummy Modification:	
Dummy Description:	<u>SUPPLIED BY AUTOLIV SOUTH GERMANY</u>
Occupant Commentary:	

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RESTRAINT INFORMATION  
FOR TEST 3823

*Restraint Number:* 1

*Restraint Type:* AIR BAG

*Restraint Mount Position:* DASH PANEL -  
UNSPECI

*Restraint Deployment:* DEPLOYED PROPERLY

*Restraint Comments:*

# INSTRUMENTATION INFORMATION

## FOR TEST 3823

<u>Curve Number</u>	<u>Sensor Type</u>	<u>Sensor Location</u>	<u>Sensor Attachment</u>	<u>Units</u>	<u>Axis</u>	<u>Instrumentation Comments</u>
<u>1</u>	<u>ACCELEROMETER</u>	<u>02</u>	<u>HEAD CG</u>	<u>G'S</u>	<u>XL</u>	<u>AXHEAD - ANALOG, NA32-3/01/</u>
<u>2</u>	<u>ACCELEROMETER</u>	<u>02</u>	<u>HEAD CG</u>	<u>G'S</u>	<u>YL</u>	<u>AYHEAD - ANALOG, NA32-3/01/</u>
<u>3</u>	<u>ACCELEROMETER</u>	<u>02</u>	<u>HEAD CG</u>	<u>G'S</u>	<u>ZL</u>	<u>AZHEAD - ANALOG, NA32-3/01/</u>
<u>4</u>	<u>ACCELEROMETER</u>	<u>02</u>	<u>CHEST</u>	<u>G'S</u>	<u>XL</u>	<u>AXCHED - ANALOG, NA32-3/01/</u>
<u>5</u>	<u>ACCELEROMETER</u>	<u>02</u>	<u>CHEST</u>	<u>G'S</u>	<u>YL</u>	<u>AYCHED - ANALOG, NA32-3/01/</u>
<u>6</u>	<u>ACCELEROMETER</u>	<u>02</u>	<u>CHEST</u>	<u>G'S</u>	<u>ZL</u>	<u>AZCHED - ANALOG, NA32-3/01/</u>
<u>7</u>	<u>DISPLACEMENT TRANSDU</u>	<u>02</u>	<u>CHEST</u>	<u>MM</u>	<u>XL</u>	<u>SCHED - CH(8)*(-1)</u>
<u>8</u>	<u>LOAD CELL</u>	<u>02</u>	<u>NECK - UPPER</u>	<u>NWT</u>	<u>XL</u>	<u>FXNEUD - ANALOG, NA32-3/03/</u>
<u>9</u>	<u>LOAD CELL</u>	<u>02</u>	<u>NECK - UPPER</u>	<u>NWT</u>	<u>YL</u>	<u>FYNEUD - ANALOG, NA32-3/03/</u>
<u>10</u>	<u>LOAD CELL</u>	<u>02</u>	<u>NECK - UPPER</u>	<u>NWT</u>	<u>ZL</u>	<u>FZNEUD - ANALOG, NA32-3/03/</u>
<u>11</u>	<u>LOAD CELL</u>	<u>02</u>	<u>NECK - UPPER</u>	<u>NWM</u>	<u>XL</u>	<u>MXNEUD - ANALOG, NA32-3/04/</u>
<u>12</u>	<u>LOAD CELL</u>	<u>02</u>	<u>NECK - UPPER</u>	<u>NWM</u>	<u>YL</u>	<u>MYNEUD - ANALOG, NA32-3/04/</u>
<u>13</u>	<u>LOAD CELL</u>	<u>02</u>	<u>NECK - UPPER</u>	<u>NWM</u>	<u>ZL</u>	<u>MZNEUD - ANALOG, NA32-3/04/</u>

**END  
of  
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