

**NHTSA
BIOMECHANICS DATABASE
REPORT
TEST# 3821**

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

SELECTION CRITERION
BIODB

VERSION 4 DATA

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REFERENCE NUMBER	CONTRACT NUMBER	TEST PERFORMER	TEST TITLE
<u>3821</u>		<u>AUTOLIV AUSTRALIA P/L</u>	<u>OUT OF POSITION PASS AIRBAG DEPLOYMENT</u> <u>3YR HIII ISO POSITION 1</u>

**TEST INFORMATION
FOR TEST 3821**

Test Title: OUT OF POSITION PASS AIRBAG DEPLOYMENT 3YR HIII ISO POSITION 1

Test Date: 03-OCT-97 **Entry Date:** 10-SEP-98

Test Number: 3821 **Contract Number:**

Test Performer: AUTOLIV AUSTRALIA P/L **Test Reference Number:** TG7LP002

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: 16

Test Comments: SAE-J211 POLARITY APPLIES

DUMMY OCCUPANT INFORMATION FOR TEST 3821

Test Number:	<u>3821</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>3 YEAR OLD CHILD</u>
Dummy Manufacturer and Serial#:	
Dummy Modification:	
Dummy Description:	<u>SUPPLIED BY NHTSA</u>
Occupant Commentary:	

RESTRAINT INFORMATION
FOR TEST 3821

Restraint Number: 1

Restraint Type: AIR BAG

Restraint Mount Position: DASH PANEL -
UNSPECI

Restraint Deployment: DEPLOYED PROPERLY

Restraint Comments:

INSTRUMENTATION INFORMATION

FOR TEST 3821

<i>Curve Number</i>	<i>Sensor Type</i>	<i>Sensor Location</i>	<i>Sensor Attachment</i>	<i>Units</i>	<i>Axis</i>	<i>Instrumentation Comments</i>
<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 - ANALOG, NA32-3/01/0</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>
<u>14</u>	<u>ACCELEROMETER</u>	<u>02</u>	<u>HEAD OTHER</u>	<u>G'S</u>	<u>ZL</u>	<u>AZANGD - ANALOG, NA32-3/04/</u>
<u>15</u>	<u>ACCELEROMETER</u>	<u>02</u>	<u>STERNUM - UPPER</u>	<u>G'S</u>	<u>XL</u>	<u>AXSTUD - ANALOG, NA32-3/04/</u>
<u>16</u>	<u>ACCELEROMETER</u>	<u>02</u>	<u>STERNUM - LOWER</u>	<u>G'S</u>	<u>XL</u>	<u>AXSTLD - ANALOG, NA32-3/04/</u>

**END
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