

Test Report

Customer: Handel Street Upholsterers
Cnr Plein & Handel Street
Roodepoort
1724
Attention: Mr. Ashraf Ismail

Re: Comparison Test done at Autoliv Southern Africa on 1 August 2007.

Present: Mr. Cobus Genis – Project Engineer - Autoliv Southern Africa.
Mr. Hannes van Niekerk – Testing Officer – Autoliv Southern Africa.
Mr. Len van Driel – Manager Vehicle components Laboratory – SABS.
Mr. Ashraf Ismail – Marketing Director – Handel Street Upholsterers.

The test performed at the deployment facility of Autoliv Southern Africa was to confirm that there was no mentionable difference in the deployment of the SAB after covering by Handel Street Upholsterers. Two seats were used in the test. Seat number one was the original covered seat as per vehicle manufacturer standard. Seat number two was covered in leather by Handel Street Upholsterers. The test was conducted at ambient temperature on both seats fitted to a standard Autoliv Jig with Perspex side cover.

Results were as follow:

Seat Serial Number	Trim Finish	Conditioned Temperature	Cover Opening Time	Max. displacement X-Axis	Max displacement Z-Axis	Full volume opening time.
0220368261347968	Cloth	22.5°C	2 ms	7 ms	10 ms	15 ms
83165750504	Leather	22.5°C	2 ms	8 ms	11 ms	14 ms

Cloth Seat:

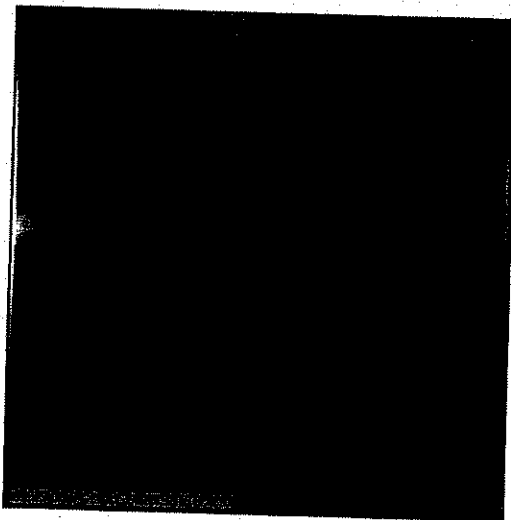


Figure 1:
Cloth Covered Seat at first Movement of Airbag.



Figure 2:
Cloth Covered Seat Airbag Fully Deployed.

Autoliv Southern Africa (Pty) Ltd
Postal Address:
P O Box 3058
Kenmare 1745

Phone +27 11 279 2600
Telefax +27 11 762 5635

Street address:
19 Fransm Street
Chamdor
Krugersdorp
Gauteng RSA

MANAGING DIRECTOR : D J Kretschmer
DIRECTORS : R Henke**, P H Malmhagen*
* Swedish **German
Registration No: 1955003642/07

Leather Covered Seat:

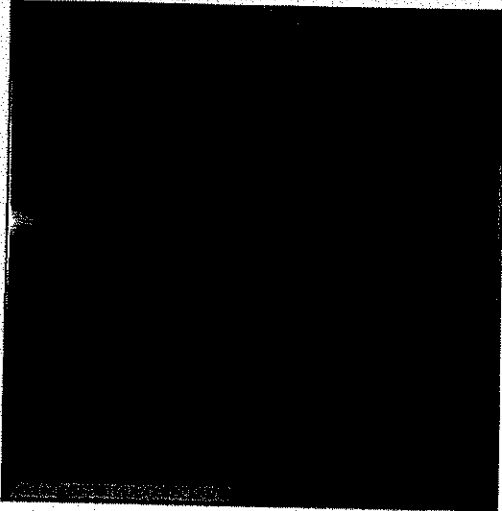
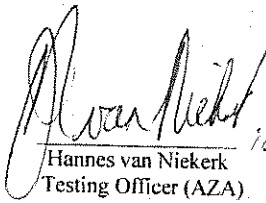
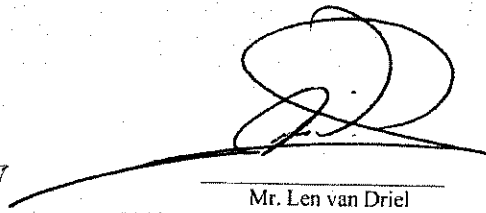


Figure 3:
Leather Covered Seat at first Movement of Airbag



Figure 4:
Leather Covered Seat Airbag Fully Deployed.


Hannes van Niekerk
Testing Officer (AZA)
12-Aug-07


Mr. Len van Driel
Vehicle Components Laboratory Manager SABS