



TECHNICAL REPORT

No.:LCA 54 327 003 1

Kj. 15800

Inspection concerning the

ANCHORAGES FOR MOTOR-VEHICLE SAFETY BELTS

performed according to the Directive of the Council of the European Communities

No. 76/115/EEC

Seat type: **Divano 502-900**
 Vehicle: **Motor Caravan**
 Manufacturer of seats: **F.A.S.P. Tappezzeria**
Via Golgi, 27
I - 25064 Gussago (BS)

Index:

1. General	<i>Page 2</i>
2. Inspection and their results	<i>Page 4</i>
3. Evaluation of test results	<i>Page 6</i>
4. Statement of compliance	<i>Page 7</i>
5. Annex (beginning with an index)	

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* LCA 54 327 003 1 *FASP*Divano 502 - 900*76/115* --

1. **General**

1.1. **Test Provisions**

The inspection was carried out according to the requirements of the Council Directive of the European Communities 76/115/EEC including all amendments up to 96/38/EC of June 17, 1996 (except of point 4.3. concerning the minimum number of seat belts to be provided).

1.2. **General**

This report describes the test of the strength of the seat itself only. The verification concerning the seat installation and the strength of the vehicle chassis in relation with the seat belt system has still to be made.

1.3. **Information concerning the seat**

1.3.1. Type

Divano 502 - 900

1.3.2. Brief description of seat type

- *Double seat bench*
- *Welded steel construction*
- *Fixing of seat on floor: front 2 screws; rear 3 screws - M10 (10.9)*

1.3.3. Brief description of seat belt anchorages

- *2 point seat belt*
- *anchorage points on lower chassis; one screw with nut M10 (10.9) / anchorage point*

1.4. **Information concerning the vehicle**

1.4.1. Brief description of vehicle in which the seat can be mounted:

*Vehicle category: M1
Motor Caravan*



* LCA 54 327 003 1 *FASP*Divano 502 - 900*76/115* --

2. Inspection and their results

2.1. Version of the tested vehicle

Following version has been used for testing (if not stated in part 1.2.2. of this report):

Not applicable

2.2. Inspection items

2.2.1. Test vehicle:

Rigid platform on which the seats have been fixed reproducing the loading geometry of the systems with which the vehicle is equipped.

2.2.2. Dimensional check:

An x-y-z measuring device was used to dimensionally check the location of all H-points, as well as the effective belt anchorages regarding their zone compliance.

2.2.3. Strength tests:

The loads were applied using a device comprising a series of hydraulic rams, to apply the safety belt anchorage loads.

2.3. Test results:

2.3.1. H-point location:

The location of the H-points were measured and found to conform with the 50 mm x 50 mm tolerance zones for their respective R-points as stated by the vehicle manufacturer.



* LCA 54 327 003 1 *FASP*Divano 502 - 900*76/115* --

2.3.2. Quantity and design of safety belt anchorages:

2 point seat belt

2.3.3. Strength tests:

Loads were applied as rapidly as possible, in accordance with the Directive. All anchorages sustained the test loads simultaneously for the required time, without rupture. After test, the minimum spacings for the effective lower belt anchorages and the location requirements for the effective upper belt anchorages were still in compliance with the Directive.

2.4. **Remarks**

2.3.1. General:

The inspection results are only applicable to the seat itself. The strength of the vehicle chassis to which the seat has to be fixed has not been tested.

2.4. **Test facilities**

All measuring and test equipment used to carry out the inspections is in accordance with the EEC-Directive stated in 1.1. of this report and with EN45001.



* LCA 54 327 003 1 *FASP*Divano 502 - 900*76/115* --

3. Evaluation of test results

3.1. Variants and equipment covered

The test results carried out cover the following variants of the seat:

- *Seat as stated in manufacturer's document*

3.2. Remarks

3.2.1. not applicable



* LCA 54 327 003 1 *FASP*Divano 502 - 900*76/115* --

4. **Statement of compliance**

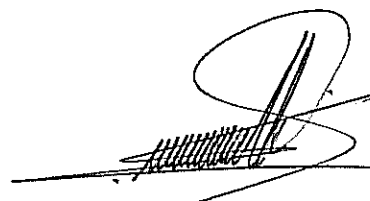
The inspection items and measurements carried out have shown the compliance of the vehicle type described in this report and the attached Annex with the requirements of the Council Directive of the European Communities 76/115/EEC including all amendments up to 96/38/EC of June 17, 1996 (except of point 4.3. concerning the minimum number of seat belts to be provided).

Esch/Alzette, July 27, 2001

Luxcontrol s.a.
Service Homologation-Automobile



Angelo Tomasini
Ingénieur inspecteur



Patrizio Vinciarelli
Ingénieur inspecteur

Annex



Index to the information package, including a summary in chronological order,
concerning extensions and/or amendments

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Main Report

Technical Report No.: *LCA 54 327 003 1* *Page 1 to 7*

Composition of the Annex:

A: Index

Page 1

B: Information folder

Page 1 to 5

Index to the information folder

- manufacturer's information document (pages 1 to 5)

700

Ref.-no 327 003 1
PAGE 003

940

475

CORSA 150 mm

10°

260 max

100

94

NS N° 1402/43
GURTFÜHRUNG

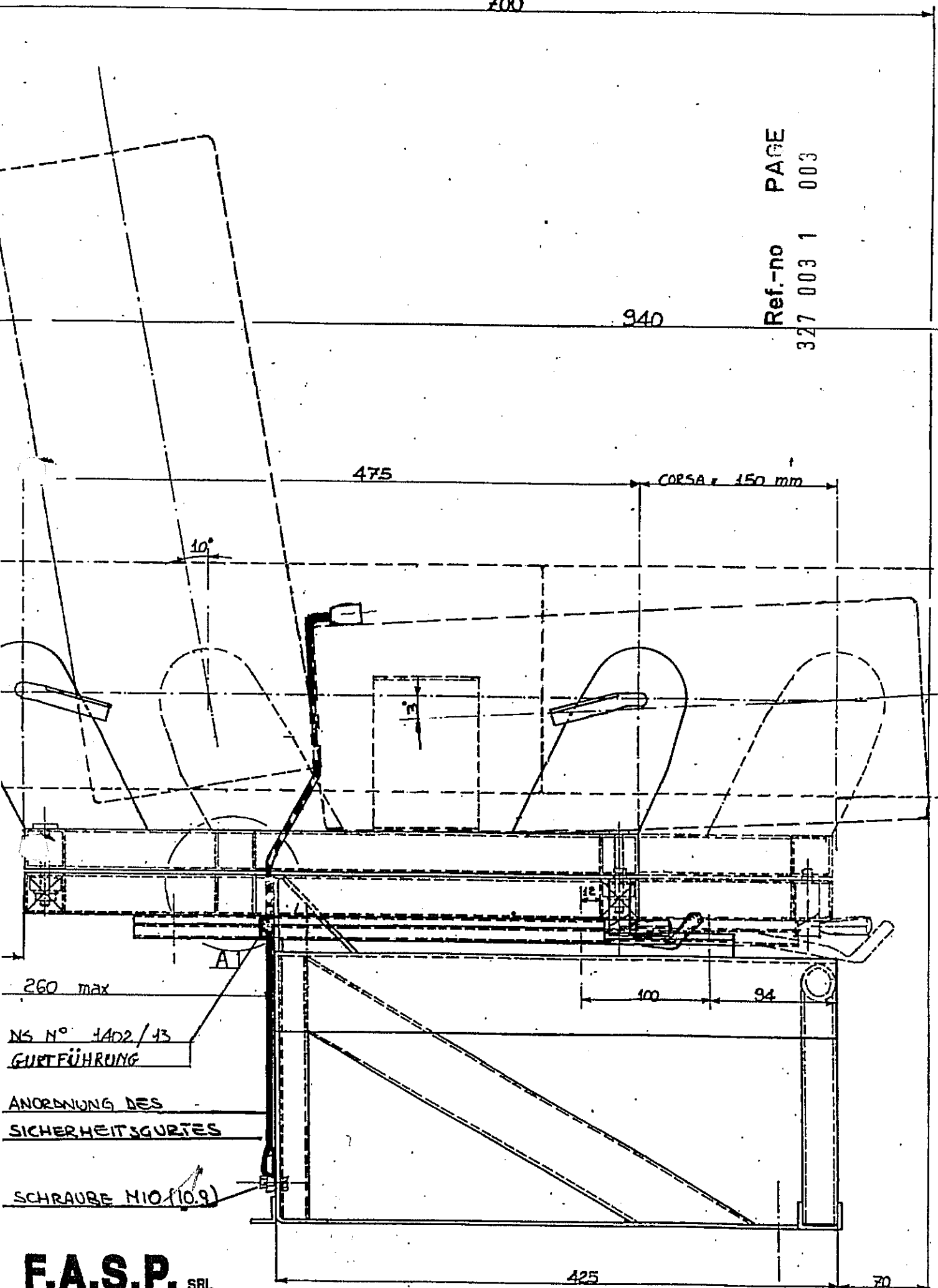
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SICHERHEITSGURTES

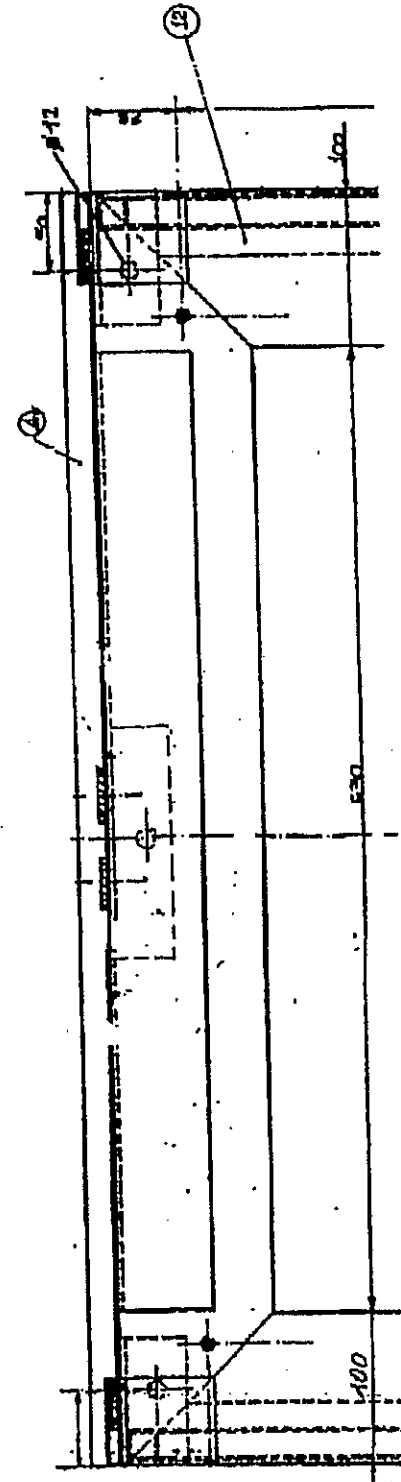
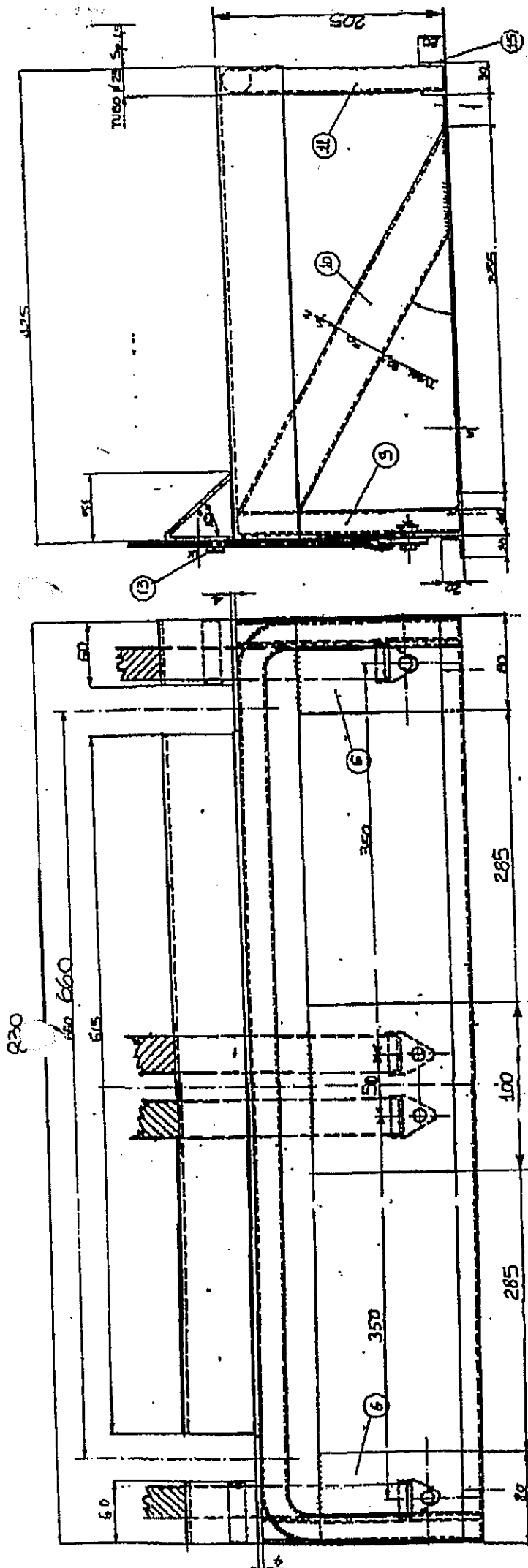
SCHRAUBE M10 (10.9)

425

70

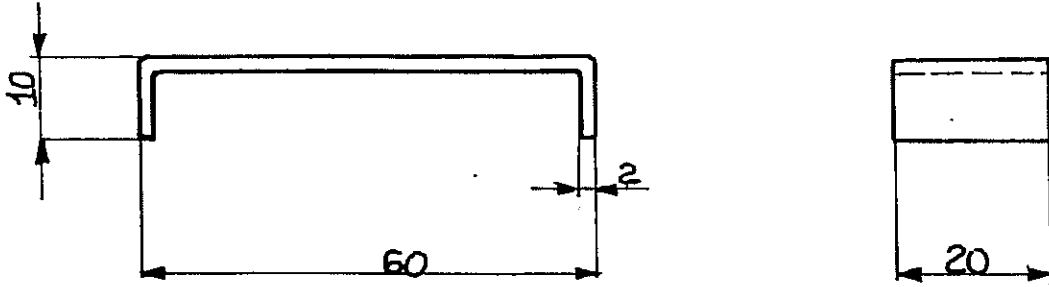
F.A.S.P. SRL
GUSSAGO (BS)





Ref.-no PAGE
 327 003 1 002

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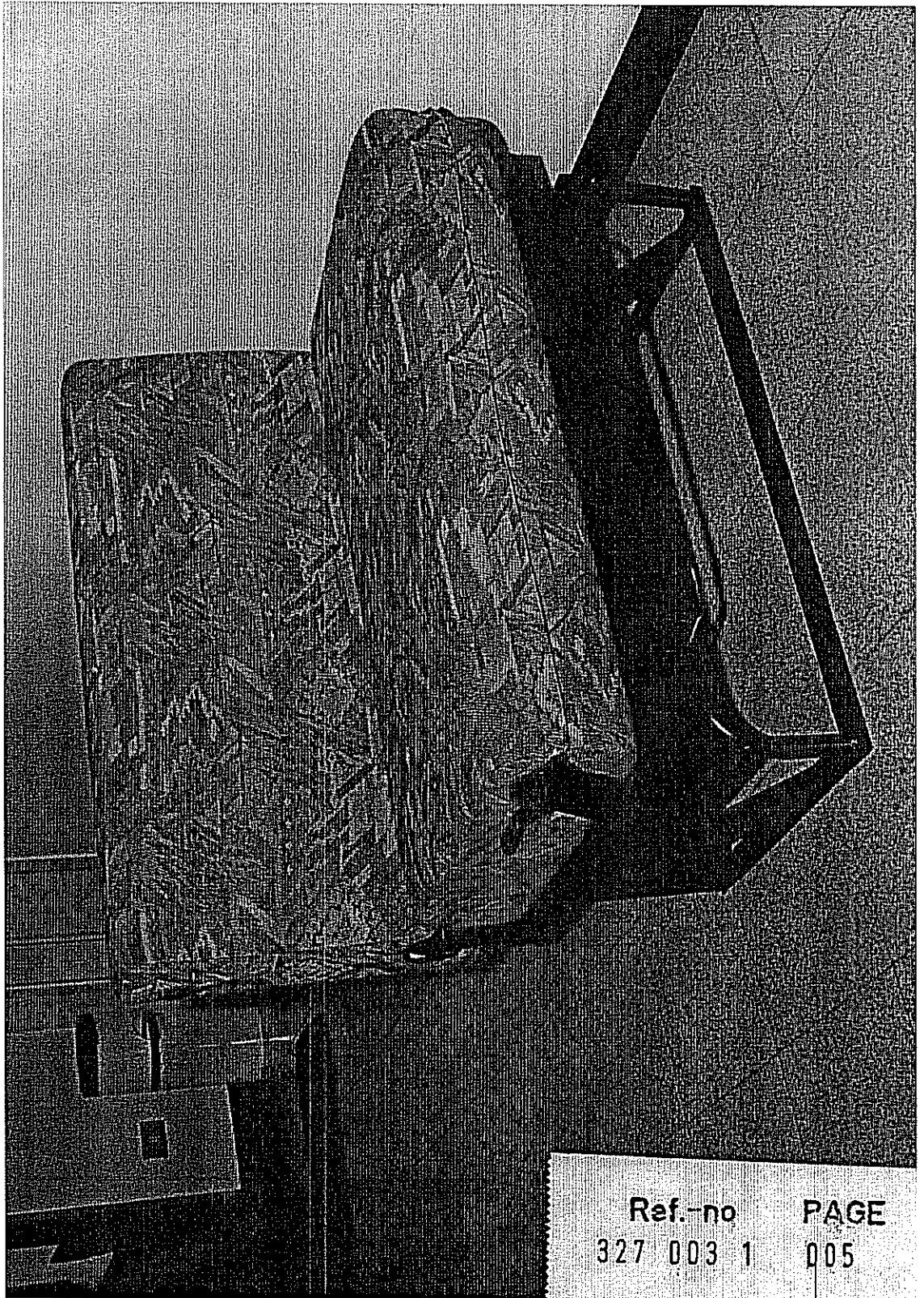


GURTFÜHRUNG

STAMPO N°

Ref.-no 327 003 1
PAGE 004

1	PIATTO 20x2			FE37B	Sp. = 72	
N° PEZZI	DESCRIZIONE	POS	RIFERIM. DIS.	MATERIALE	NOTE	FES. UNITO
TOLLERANZE dove non sia diversamente specificato Per (+)H13--- Alberi (-)h13--- Angoli 130°--- Conlatte' ±0.05%---						
Questo disegno e' di proprieta' esclusiva della Fasp srl non puo' essere riprodotto e ceduto a terzi senza preventiva autorizzazione			CONTROLLATO	F.A.S.P. TAPPEZZERIA s.r.l. Via Golgi n. 27 25064 GUSSAGO (Brescia) Tel. 277 01 53 C.F. e P.IVA 0094818 017 1		
MODIFICHE	DATA	B. IVAN	DISEGNATO			
		1:1	SCALA			
DENOMINAZIONE CAVALOTTO x SCORRIMENTO			RIFERIMENTO			
CINTURE DI SICUREZZA			20-01-92	DIS. n°		
			DATA	1402/1		



Ref.-no	PAGE
327 003 1	005