



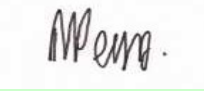
**TEST REPORT: LARGE BUS  
CONSTRUCTION**  
Directive 2001/85/EC  
Regulation 107.02 up to and including  
Supplement 5 ECE Regulation 107.03

Paragraph	Requirement	Complies (Yes, No, N/A)
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<b>REPORT/JOB NUMBER:</b>	<b>VSM238771</b>
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<b>TEST DETAILS</b>	
Location of Test	Unit B1 Lympe Industrial Park Kent CT21 4LR United Kingdom
Date of Test	July 04 <sup>th</sup> 2011
VCA Representative(s)	Richard Pegg
Manufacturer's Representative(s)	Omega Automotive Ltd Unit 4, Europa Way, Britannia Enterprise Park, Lichfield, Staffordshire. WS14 9TZ
Reason for Test	Test report only to ensure compliance with Paragraph 7.6.10.9 of EC Directive 2001/85/EEC or 7.6.10.9 of Regulation 107.02 / 107.03

<b>MANUFACTURER DETAILS</b>	
Manufacturer's Name	Omega Otomotiv Sanayi ve Ticaret Limited Sirketi
Manufacturer's Address	Seyitnizam Mahallesi, Demirciler Sitesi 9.Yol, No:25 34015, Zeytinburnu Istanbul Turkey
Model Type & description	Name: Masai Sliding Step Model Number: Masai sliding step 600 Part Number: OMG7633 Width: 600 mm
Category	Separate Technical Unit

<b>CONCLUSION</b>	
The above mentioned STU was tested in accordance with Paragraph 7.6.10.9 of Directive 2001/85/EC and ECE Regulation 107.03 and was found to comply in all respects	
Signature: 	
Name:	Richard Pegg
Position:	Type Approval Engineer
Date:	July 05 <sup>th</sup> 2011

<b>LIST OF ANNES</b>		
ANN	No of PAGES	SUBJECT
1	4	Photographs of installation



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2	2	Photographs of step and test
3		
4		

**TEST SPECIFICATION AND WORST CASE RATIONALE**

Omega Masai sliding step Mounted as a separate Technical unit to a test Vehicle by means of four M8 8.8 grade fastenings at the front of the step to the sill and two M8 8.8 grade toggle bolt bars to the rear of the step to the chassis. See photographs. This test is not vehicle specific providing the step fixings are at least equal or greater than the tested vehicle. The test involved loading the step with a calibrated weight of 136kgs at the centre of the extended step and measuring the deflection.

Tests required (if more than one is applicable)

- **Deflection test**

**MANUFACTURER'S DOCUMENTATION**

Manufacturer's documentation is complete and reflects the agreed specification for the component tested and covers all variants and versions agreed in the worst case rationale

**FACILITY AND EQUIPMENT CHECKS**

- |   |   |                                     |
|---|---|-------------------------------------|
| 1 | Generic Risk assessment followed <i>Insert RA identifier here</i> <input type="text"/>  | <input type="text" value="Yes"/>    |
|   | OR<br>Specific Risk assessment completed and stored in electronic job folder  | <input type="text" value="No"/>     |
| 2 | Facilities and test equipment are appropriate<br>Brief description of test equipment: Workshop, weight scales, weight and measuring device. | <input type="text" value="Yes"/>    |
| 3 | Calibration certificates checked and valid, recorded in the following table   | <input type="text" value="Yes/No"/> |

<u>Equipment</u>	<u>Serial No.</u>	<u>Calibration data</u>
Salter weight scales	17078	Calibrated on 27/05/2011
Mitutoyo Steel ruler	182-165	Calibrated on 30/06//2011



Paragraph	Requirement	Complies (Yes, No, N/A)
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## TEST REQUIREMENTS

Regulation	Directive	
<i>Ann 3 7.6.10</i>	<i>Ann I 7.6.10</i>	<b>TECHNICAL REQUIREMENTS FOR RETRACTABLE STEPS</b>

<i>Ann 3 7.6.10.9</i>	<i>Ann I 7.6.10.9</i>	When the passenger door is open, the retractable step shall be securely held in the extended position. When a mass of 136 kg is placed in the centre of a single step or a mass of 272 kg is placed in the centre of a double step the deflection at any point on the step, measured relative to the body of vehicle, shall not exceed 10 mm.	
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Results: Total deflection measured relative to the body was 5mm when loaded, therefore the test was successful.

Annex 2

Photographs:



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Annex 3 Photographs:



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