

Seat Belt Anchorage Test Summary

A seat belt anchorage pull test was conducted to category M1 on the seat belt anchorages of the seat specified below, to the requirements of ECE Regulation 14.09 & EC Directive 76/115/EEC as Amended by 2005/41/EC Seat Belt Anchorage. The seat and seat belt anchorages met the load requirements of ECE Regulation 14.09 & EC Directive 76/115/EEC as Amended by 2005/41/EC Seat Belt Anchorage. The test was conducted at Vehicle Occupant Safety Centre's test facility as below.

Customer	DS Campers.
Model	DS Campers Swivel Mechanism fitted to a Volkswagen T4 OEM Driver Single Seat
Test	ECE Regulation 14.09 & Directive 76/115/EEC as Amended by 2005/41/EC Seat Belt Anchorage Test.
Test Number	VO00563
Pull Type	M1
Leg Type	OEM Box Leg.
Floor Type	Fixed to a Steel Plate Structure.
Leg Span	n/a.
Seat Mass	36 kg.
Seat Belt Type	3 Point.

This report relates to the performance of the DS Campers Swivel Mechanism fitted to a Volkswagen T4 OEM Driver Single Seat as tested on a surrogate vehicle floor. No part of this report may be amended, modified or changed in any way, unless by Vehicle Occupant Safety Centre Limited. Unauthorised amendment will render this report invalid. Documents without signature and watermark are invalid. All component details supplied by DS Campers.

Date: 17th February 2025



Russell Edmunds
Engineering & Technical Director



Vehicle Occupant Safety Centre

Test Report

Customer DS Campers.

Test ECE Regulation 14.09 & EC Directive
76/115/EEC as Amended by 2005/41/EC
Seat Belt Anchorage Test.

Test Number VO00563

VOSC Report Number VOSC0197 Revision 0

Vehicle Occupant Safety Centre

Author:

A handwritten signature in black ink, appearing to read 'R. Edmunds', is written over a light blue rectangular background.

R. Edmunds
Engineering & Technical
Director

Date:

17th February 2025

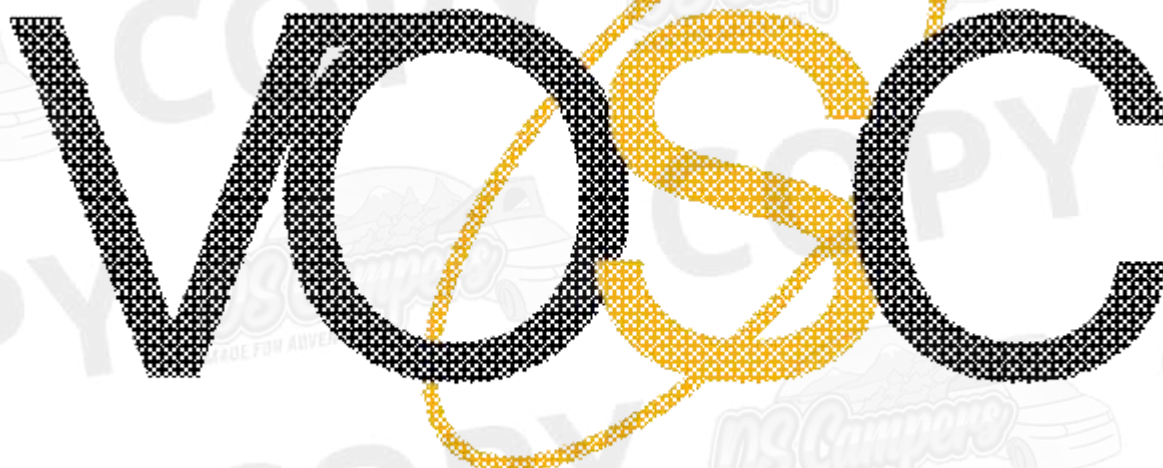
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VOSC Test Report No: VOSC0197 Revision 0

Test Report

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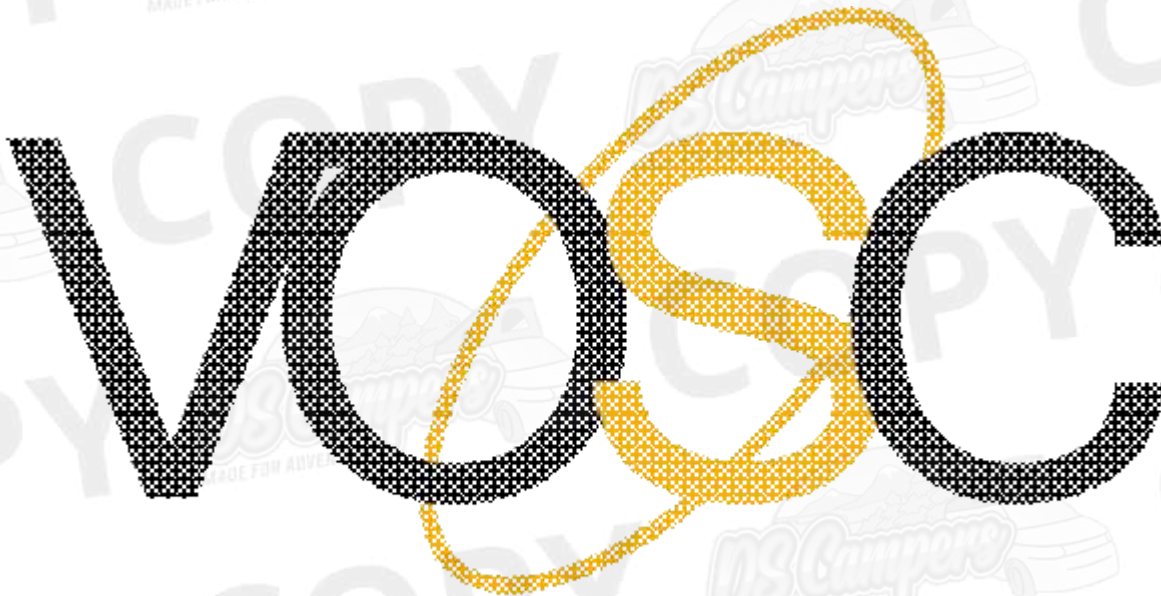
Vehicle Occupant Safety Centre

Test Report

Executive Summary

This Report provides details of a seat belt anchorage test conducted to ECE Regulation 14.09 & EC Directive 76/115/EEC as Amended by 2005/41/EC. The test was performed on a steel plate structure (i.e. not in vehicle) The seat tested was the Volkswagen T4 OEM Driver Single Seat with a DS Campers Swivel Mechanism, fitted to the steel plate. All anchorages supplied by seating Manufacturer and Surrogate B Pillar. The Test was performed to M1 standards at Vosc on 17th February 2025

The Seating System met the requirements of Regulation 14.09. Results of the tests conducted can be found within the main body of the report.



Vehicle Occupant Safety Centre

Test Report

Distribution

Organisation	Recipient	Format	Qty
DS Campers 37 Millbrook Street Hereford HR4 9LF 01432 267007	David Madejski	PDF	1
Vehicle Occupant Safety Centre Ltd The Science Centre, Wolverhampton Science Park, Glaisher Drive, Wolverhampton, West Midlands WV10 9RU	Contract File	PDF	1

Report Revision History

Rev.	Revision Description	Date	Author	Approver	Pages
0	Initial Release	20th February 2025	R. Edmunds	R. Edmunds	All

Test Report

Objectives

1. To Conduct one seatbelt anchorage pull test, to the M1 requirements of ECE Regulation 14.09 & EC Directive 76/115/EEC as Amended by 2005/41/EC. The test was performed on a steel plate structure (i.e. not in vehicle) The seat tested was the Volkswagen T4 OEM Driver Single Seat with a DS Campers Swivel Mechanism, all anchorages supplied by seating Manufacturer and Surrogate B Pillar.
2. To provide a photographic record of the tests.



Test Facility and Date

The test, numbers VO00563 was performed on 17th February 2025 in the test facility at Vehicle Occupant Safety Centre Limited.

Address: Vehicle Occupant Safety Centre Limited
The Science Centre,
Wolverhampton Science Park,
Glaisher Drive,
Wolverhampton,
West Midlands
WV10 9RU

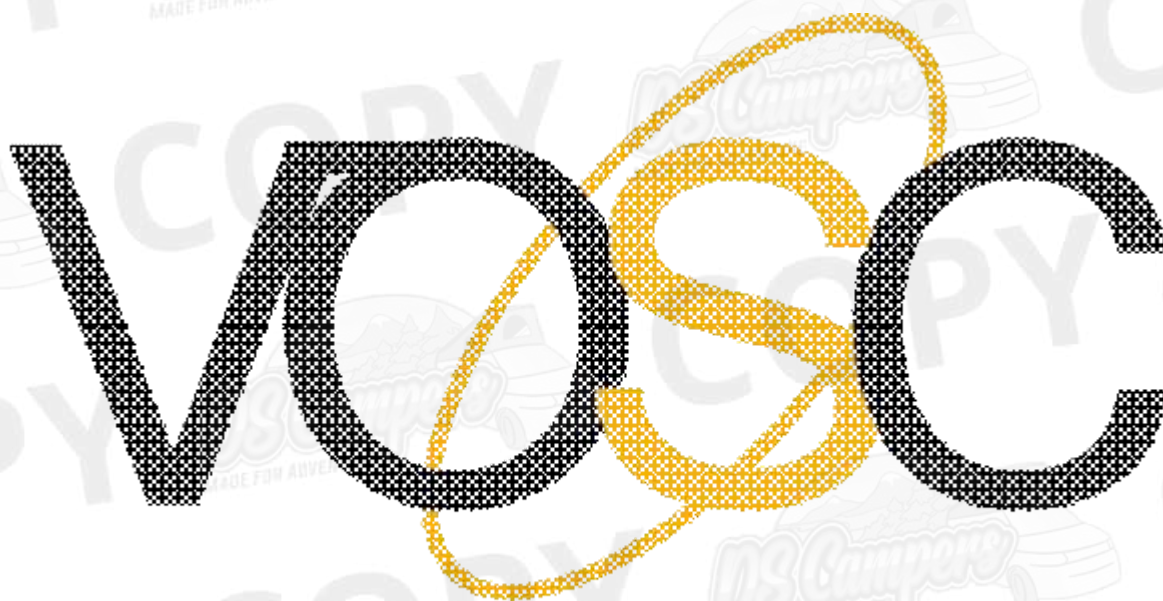
Contact: R Edmunds – Engineering & Technical Director
Tel: 01902 287030
Email: engineering@voscentre.com

VCA Appraisal: Registration Number, FAUK062 VXW529695

Test Report

Summary of Results

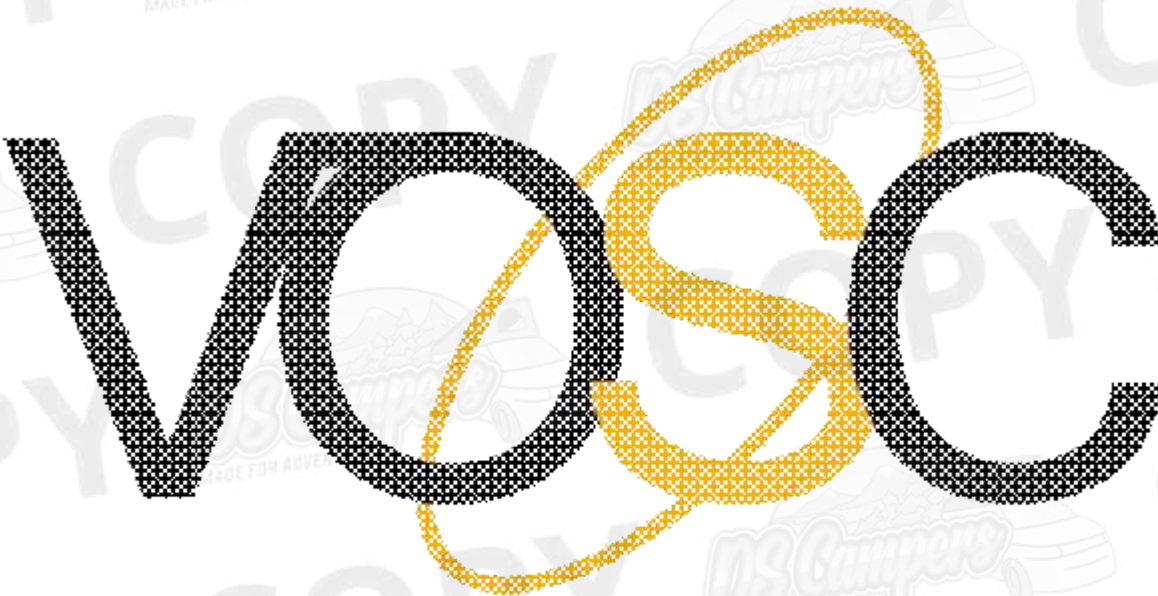
SEAT TYPE VW T4 OEM Driver Single Seat with Swivel 36kg	VO00563	LOAD CELL No.	RAM Angle	LOAD CELL CAL DUE DATE	REQUIR ED LOAD (KN)	PEAK LOAD (KN)	TIME TO LOAD (sec)	HOLD TIME (sec)	UPPER DISPLACE MENT (mm)
OEM Driver Seat	LH Torso Load	1	8.6	17/03/2025	13.5	13.86	4.144	0.311	n/a
Swivel	LH Lap Load	8	9.3	06/05/2025	13.5	13.92	4.111	0.35	
36kg	LH COG	10	9.3	06/05/2025	7.1	7.28	4.117	0.338	



Vehicle Occupant Safety Centre

Conclusions

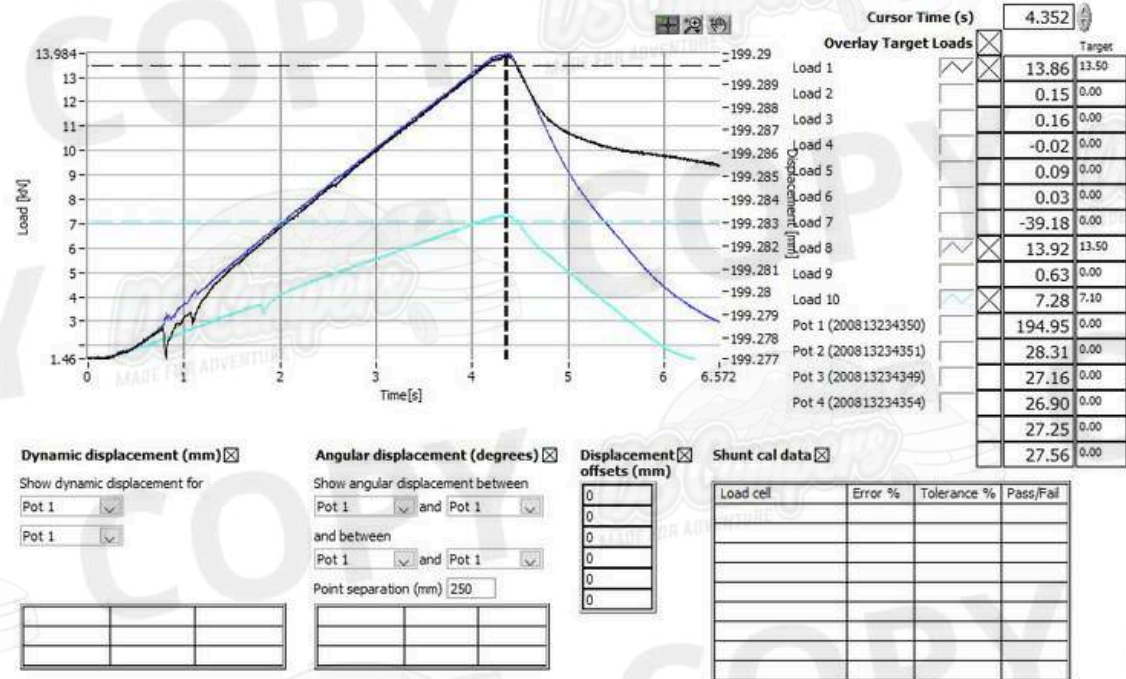
1. One seatbelt anchorages pull tests to the M1 Requirements of ECE Regulation 14.09. & EC Directive 76/115/EEC as Amended by 2005/41/EC. Were conducted on a steel plate structure (i.e. not in vehicle) on the seatbelts, the seats and seatbelt anchorages met the 100% load requirements of ECE Regulation 14.09.
2. Photographic stills can be found on pages.
3. Test Graph – Page 8
4. Pre Test – page 9 - 11
5. Post Test – Page 12 - 14



Vehicle Occupant Safety Centre

Test Report

Test Title VO00563
Description M1 VW T4 OEM Driver Seat with DS Campers Swivel Mechanism
Date 17/02/2025 08:38:50



Vehicle Occupant Safety Centre

Test Report



Test Report



Test Report



Test Report



Test Report



Test Report

