



Campervan Manufacturer's

Safety & Compliance Guide



A Message from Orion Safety Belts

"Adventure doesn't mean compromising on safety. At Orion Safety Belts, we work with campervan manufacturers and conversion specialists across the UK to ensure every journey is as secure as it is memorable. This guide is designed to help campervan builders integrate certified, comfortable, and compliant seatbelt systems into leisure vehicles that meet today's evolving safety standards."

Why Seatbelt Safety Matters in **Campervan Conversions**

Regulatory Compliance	Adherence to DVSA, IVA, and UNECE seatbelt regulations.
Passenger Protection	Safeguard occupants during highway travel or sudden stops.
Insurance & Resale Value	Proper safety equipment ensures compliance with insurers and increases resale reliability.
Design Integration	Maintaining flexibility while embedding crash-tested seatbelt systems.
Customer Trust	Buyers expect a blend of comfort, style, and safety in modern campervans.

Seatbelt Regulations for Campervan Builders

1

Essential Compliance Standards

DVSA & IVA Standards – Required for **Individual Vehicle Approval** in the UK.

UNECE R14 & R16 – Governs **seatbelt anchorage strength and webbing performance**.

ECE R17 & R118 – Ensures **interior safety and flame resistance for public-use vehicles**.

2

How to Ensure Compliance

Choose **crash-tested seatbelt components** for **rear travel seats**.

Install seatbelts with **certified anchor points and structural reinforcements**.

Use **documentation to certify each converted vehicle's seatbelt compliance**.

Partner with **Orion Safety Belts** for **ready-to-install, certified seatbelt kits**.

Choosing the **Right Seatbelt** for Campervans

Seatbelt System Options

● **3-Point Retractable Seatbelts**

– For forward- or rear-facing seats.

● **2-Point Lap Belts** – For side-facing seats or occasional passenger use.

● **Integrated Seatbelt Assemblies** – Suitable for rock-n-roll beds or fixed dinette seating.

What to Look for in a Seatbelt Supplier

✓ **Crash-Tested Hardware:**
Ensure every seatbelt is tested for real-life travel conditions.

✓ **Custom Fit Options:**
Different lengths, brackets, and buckle types for varied layouts.

✓ **Stock Availability:** Just-in-time supply for fast-moving conversion projects.

✓ **Design Versatility:** Options that suit high-end, compact, or retro campervan aesthetics.







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Best Practices for Seatbelt Installation in Campervans

1. Installation Guidelines

-  Anchor seatbelts to structural steel with proper load-spreading plates.
-  Avoid bolting into timber, plywood, or non-structural furniture.
-  Maintain straight belt paths with no sharp angles or obstructions.
-  Secure retractors away from excessive heat, water, or moving components.

2. Maintenance & User Education

- ✓ Advise customers on correct belt usage and adjustment.
- ✓ Include seatbelt inspection in post-conversion handovers.
- ✓ Offer upgrade paths for future belt replacements or design changes.

Why Campervan Builders Choose Orion Safety Belts

✓ Expertise in Vehicle Conversions

Decades of experience supporting the leisure vehicle industry.

✓ Certified Safety Kits

Ready-made solutions that meet DVSA, IVA, and UNECE requirements.

✓ Custom Solutions

Designed to fit rock-n-roll beds, bench seats, swivel bases, and more.

✓ Trusted by Leading Builders

Supplying seatbelt kits to premium UK campervan converters.

✓ Commitment to Quality

Crash-tested, weather-resistant, and road-legal components.



Case Study: Equipping a Premium UK Campervan Conversion Brand

The Challenge:

A premium campervan builder needed a versatile seatbelt system for various seat layouts and fast turnaround times.

The Solution:

Orion Safety Belts provided:

- ✓ Certified seatbelt kits for multiple seating configurations.
- ✓ Technical installation guidance for seamless compliance.
- ✓ Flexible ordering for small-batch production.

The Results:

- ✓ 100% DVSA compliance on every converted vehicle.
- ✓ Reduction in seatbelt-related installation time by 35%.
- ✓ Improved buyer trust and upmarket positioning with compliance-backed safety messaging.

Customer Testimonial:

"We needed a safety partner who understands the complexities of campervan conversions. Orion delivered seatbelt solutions that were easy to install, fully compliant, and adaptable to our diverse layouts. Highly recommended!"

Head of Production, UK Campervan Manufacturer

Partner With Orion Safety Belts for Adventure-Ready Compliance

 Let Orion Safety Belts help you deliver both freedom and safety—on every road, every mile.

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