

User manual: S4D leveling system for SPACEBED® mattresses

Congratulations on your decision to take your car sleeping comfort to the highest level with the **SPACEBED®** mattress – **the best mattress on the market for the most comfortable sleep in your car**. To make your experience perfect and your sleep undisturbed, **SPACEforDREAMS®** has developed a unique "**S4D Leveling System**" that ensures a perfectly flat surface for your new SPACEBED® mattress.

These instructions will guide you through the correct use of the system to achieve maximum comfort and durability for your mattress.

Important notice before you begin

- **Exclusivity:** The S4D Leveling System was developed exclusively for use with SPACEBED® mattresses. It is not compatible with products from other manufacturers.
- **Solid base plate:** The functionality of the system is only guaranteed if your SPACEBED® mattress has a solid base plate. It is this plate, in combination with the S4D system, that creates a stable and flat surface.
- **Usability** The S4D leveling system can be used with all types of SPACEBED® mattresses, including SPACEBED® Single and SPACEBED® Single Exclusive mattresses.
- **Safety:** The system is intended exclusively for leveling the floor for lying down or as an organizer in the trunk of a car.

1. Components of the S4D Leveling System

Your system consists of several parts that can be flexibly combined.

- **Basic parts (H-shape):** 3 parts – main supporting components – 1 center and 2 crossbars, which form a basic height of 12 cm to overcome the step into the trunk or to achieve a level surface if the folded backrests create a slope. Each part consists of three layers with heights of 6+3+3 cm. The layers can be combined or used individually as needed.
- **Levelling wedges (2 sets of 3 pieces):** Three wedges in one set with different heights (small, medium, large) designed to fill the space under the mattress where the folded backrests create a slope.
- **Additional layers (optional):** Individual layers to increase the basic height of the system. **These layers must be ordered separately.**

2. Leveling the step between the trunk and the folded seats

The basic task of the system is to overcome the height difference (step) that occurs when the rear seatbacks are folded down.

Scenario A: The height of the step is **LESS THAN** or equal to the basic height of the system

1. Fold down the rear seatbacks in your car.
2. Place the basic parts of the "S4D Leveling System" in the luggage compartment so that they form a stable base. They are usually assembled in the shape of the letter "H," but this is not always necessary (see Chapter 4).

3. Depending on the angle of the folded rear seats, the base height of the system should be approximately 2 cm above the imaginary edge of the rear seats. When the height of the "S4D Leveling System" is slightly higher, it is easier to achieve a flat surface and, consequently, a comfortable lying position.
4. Carefully place the SPACEBED® mattress on the assembled system.

Scenario B: The step height is GREATER than the basic height of the system

If the step in your car is higher, you will need **additional layers**, which must be purchased separately.

1. Fold down the rear seatbacks.
2. Place the "S4D Leveling System" on the bottom of the luggage compartment, raised by the required number of additional layers – 1 layer is 3 cm high – to get about 2 cm above the height of the step.
3. This will increase the overall height of the system and perfectly level the surface with the folded backrests.
4. Carefully place the SPACEBED® mattress on the fully assembled system.

Note: For stability reasons, we recommend using a maximum of 3 additional layers with the S4D Leveling System. If even this height is not sufficient, please contact us and we will manufacture a leveling system tailored specifically to your vehicle.

3. Use of leveling wedges – The key to perfect comfort!

This is the most important step in ensuring a flat surface and preventing damage to the mattress.

In most cases, folded rear seat backs do not create a perfectly horizontal surface, but usually have a slight slope. This slope makes it difficult to achieve a flat surface. With a set of wedges, this flat surface can be easily achieved.

Why is it so important to support this area?

Without support, this area, which is located in the back and lumbar region of the person lying down, would cause unwanted sagging of the mattress. This not only reduces comfort, but can also damage the mattress structure.

How to use the wedges correctly:

1. **Identify the gap:** After placing the mattress on the "S4D Leveling System," gently press down in the middle of the mattress (approximately at the level of the lower back). This is where the SPACEBED® mattress will sag due to the slope of the backrests and the transition to the trunk of the car.
2. **Combine the wedges:** The set includes 3 wedges of different heights. By combining them, you can achieve exactly the height you need to fill the gap and support the SPACEBED mattress®. You can combine the individual wedges in various ways, stack them from largest to smallest, use only two, or use just one.
3. **Insert the wedges:** Insert the combined set of wedges into the gap under the mattress. The goal is for the mattress to lie firmly at this critical point without the possibility of sagging.

Tip: if possible, move the SPACEBED® mattress so that the partition between the upper and lower halves of the mattress has firm support on the folded backrests.

4. Flexible use of the system

The S4D leveling system is designed for maximum versatility.

- **It does not always have to be in the shape of the letter "H":** If the luggage compartment of your car is smaller or has a specific shape, **it is not necessary to always assemble the system into the letter "H."** You can use only individual components and support the mattress where it is most needed. The main thing is to ensure stability and support under the main load points of the mattress.
 - **Separate layers only:** If you only need to compensate for very small height differences (e.g., a few centimeters), you can use only one or more **separate layers** of the "S4D Leveling System."
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5. Other uses: Organizer in the trunk

When you're not sleeping in your car, the S4D Leveling System doesn't have to lie idle. You can cleverly use its parts as **a practical organizer**.

- Assemble the parts in the trunk to create compartments.
 - This is a perfect way **to secure items such as groceries, bags, or various round objects** (balls, bottles) so that they do not move while driving.
 - This will make your ride safer and quieter.
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6. Maintenance and proper handling

The "S4D leveling system" is made of lightweight yet sturdy **polyurethane foam**. This material **does not require any special maintenance**. If it becomes dirty, simply wipe it with a damp cloth.

Despite its durability, we recommend handling the system with care to prevent mechanical damage (dents, scratches, tears). Special care should be taken when unfolding the SPACEBED® mattress onto the assembled system.

To ensure smooth and safe unfolding of the mattress without risk of damage to the system, **we recommend that this step be performed by two people**.

7. Practical and versatile bag for the S4D Leveling System

A special carrying bag has been designed to make storing and transporting your S4D Leveling System as convenient as possible. Its main advantage is a smart **2-in-1** solution that adapts precisely to your set.

High-quality and durable material

The bag is made of high-quality and durable material – **100% polyester**, which is also treated with a **hydrophobic (water-repellent) finish**. This protects the contents of the bag from moisture and dirt, and the bag itself is very easy to clean and maintain. The strong fabric also guarantees a long service life even with frequent use.

Two sizes in one bag

For practical reasons, the bag has two height dimensions. This variability is made possible by a clever **double bottom, which is secured around the perimeter with a high-quality zipper**. Thanks to this, the bag adapts perfectly to its contents and does not take up unnecessary space.

1. Standard (lower) size

- **Use:** For the basic S4D Leveling System set.
- **How it works:** The zipper at the bottom of the bag is **closed**. The bag is compact and smaller in size, which is ideal for storing basic "H" parts and a set of leveling wedges. Everything is neatly packed and takes up minimal space in the car.

2. Enlarged (higher) size

- **Use:** For the basic S4D set **together with additional layers purchased separately**.
- **How it works:** If you need to store additional layers, simply **unzip the entire perimeter of the bag's bottom**. This will release the hidden part of the fabric, significantly increasing the bag's height and giving you the extra volume you need. The enlarged space will comfortably fit both the basic set and all your additional layers.

Thanks to this smart design and high-quality materials, you always have one bag that perfectly adapts to your current equipment. All components of the system remain protected, clean, and together, ready for your next adventure.

We wish you many kilometers full of adventure and, above all, the most comfortable sleep, wherever you are. With the combination of the **SPACEBED®** mattress and **the "S4D Leveling System,"** your comfort is guaranteed.

If you have any questions, please do not hesitate to contact us by email at info@space4dreams.de or via the contact form [at https://www.space4dreams.de/kontakt](https://www.space4dreams.de/kontakt)

Your SPACEforDREAMS team®

