

Schellenberg 44302

Schellenberg Gurtfix 44302 Roller Shutter Belt Repair Kit

Instruction Manual

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1. INTRODUCTION

The Schellenberg Gurtfix 44302 Roller Shutter Belt Repair Kit provides a practical solution for replacing worn, dirty, or damaged roller shutter belts. This kit allows for belt replacement without the need to open the roller shutter housing, simplifying the repair process. It is designed for mini roller shutter systems with a belt width of 14 mm.



Image 1: Overview of the Schellenberg Gurtfix 44302 Roller Shutter Belt Repair Kit. This image shows the new roller shutter strap, the metal connecting plate, and other small components included in the kit.

2. SAFETY INFORMATION

- Read all instructions carefully before beginning the repair process.
- Ensure the roller shutter is in a stable position and cannot accidentally move during the repair.
- Wear appropriate personal protective equipment, such as gloves, if necessary.
- Keep all components out of reach of children.
- If you are unsure about any step, consult a qualified professional.

3. PACKAGE CONTENTS

Verify that all the following components are included in your Schellenberg Gurtfix 44302 kit:

- 1 x Roller Shutter Strap (14 mm width, 4.3 m length, gray)
- 1 x Stainless Steel Strip (connecting plate)
- 2 x Rivets
- 2 x Rivet Heads
- 1 x Strip of Tape in Belt Colour
- 1 x Pin for Punching
- 1 x Yellow Mounting Aid
- 1 x Mounting Aid (printed on the back of the packaging)



Image 2: All individual components of the Gurtfix repair kit. This image displays the new strap rolled up, the yellow mounting aid, the punching pin, the rivets, and the metal connecting strip.

4. SETUP AND OPERATION

This section details the steps to replace your roller shutter belt using the Gurtfix kit. The process is designed to be performed without opening the roller shutter box.

4.1. Preparation

1. **Lower the Roller Shutter:** Fully lower the roller shutter so that the entire length of the old belt is accessible from the winder.
2. **Cut the Old Belt:** Carefully cut the old, worn roller shutter belt approximately 10-15 cm (4-6 inches) above the winder mechanism. Ensure you leave enough of the old belt to work with.
3. **Prepare the New Belt:** Unroll the new Schellenberg Gurtfix belt.

4.2. Connecting the Belts

4. **Attach the Stainless Steel Strip:** Take the stainless steel strip and the two rivets. Position the end of the *new* roller shutter belt over one end of the stainless steel strip. Use the punching pin to create holes through the belt and secure it to the strip with the rivets and rivet heads. Ensure a firm connection.
5. **Connect to Old Belt:** Now, take the remaining end of the *old* roller shutter belt. Overlap it with the other end of the stainless steel strip, ensuring the new belt is aligned to be pulled upwards. Secure the old belt to the stainless steel strip using the remaining rivets and rivet heads. The yellow mounting aid can assist in holding the belt sections in place during this step.
6. **Reinforce Connection (Optional):** For added security, you may use the provided strip of tape in belt color to wrap around the connection point, ensuring a smooth transition and preventing snagging.

4.3. Feeding the New Belt

7. **Pull Through:** Slowly and carefully pull the old roller shutter belt upwards from the winder side. This action will draw the connected new belt through the roller shutter guide and into the roller shutter box. Guide the belt smoothly to prevent it from twisting or getting stuck.
8. **Monitor Progress:** Continue pulling until the entire new belt has passed through the guide and is accessible at the winder opening.

4.4. Final Installation

9. **Detach Old Belt:** Once the new belt is fully through, detach the old belt section from the stainless steel strip.
10. **Attach to Winder:** Secure the end of the new roller shutter belt to the roller shutter winder mechanism according to the winder's specific instructions. Ensure it is wound correctly and securely.
11. **Attach to Roller Shutter Drum:** Raise the roller shutter to its highest position. Secure the other end of the new belt to the roller shutter drum inside the box. This usually involves threading it through a slot and securing it with a clip or knot, depending on your roller shutter system.
12. **Test Functionality:** Slowly operate the roller shutter up and down several times to ensure the new belt runs smoothly and the shutter operates correctly.



Image 3: Close-up view of the Gurtfix kit components, including the strap, metal connector, and tools. This image provides a clearer view of the individual parts used for the connection process.

5. MAINTENANCE

To ensure the longevity and smooth operation of your roller shutter belt, consider the following maintenance tips:

- **Regular Inspection:** Periodically inspect the belt for any signs of wear, fraying, or damage. Early detection can prevent further issues.
- **Cleaning:** If the belt becomes dirty, gently wipe it with a damp cloth. Avoid harsh chemicals that could degrade the fabric.
- **Smooth Operation:** Ensure the belt runs freely in its guide. If you notice any resistance, check for obstructions or misalignment.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Belt does not move smoothly	Obstruction in the belt guide; belt twisted; connection point snagging.	Check the belt path for any foreign objects. Ensure the belt is not twisted. Re-examine the connection point for smooth passage.
Roller shutter does not fully open/close	Belt not properly secured to winder or drum; incorrect belt length.	Verify the belt is securely attached at both ends. Ensure the belt is wound correctly on the winder and drum.
Connection point separates	Rivets not properly secured; insufficient overlap of belt sections.	Ensure rivets are fully compressed and secure. Re-do the connection with proper overlap and secure riveting.

7. SPECIFICATIONS

Model Number: 44302

Belt Width: 14 mm (System MINI)

Belt Length: 4.3 meters (approximately 169.29 inches)

Color: Gray

Strap Material: Fabric

Hardware Material: Stainless Steel

Load Capacity: 30 Kilograms

Included Components: 1 roller shutter strap, 1 stainless steel strip, 2 rivets, 2 rivet heads, 1 strip of tape in belt colour, 1 pin for punching, 1 yellow mounting aid, 1 mounting aid on the back of the packaging

8. SUPPORT

For further assistance, technical support, or inquiries regarding the Schellenberg Gurtfix 44302 Roller Shutter Belt Repair Kit, please contact Schellenberg customer support through their official website or contact channels.

Please have your model number (44302) ready when contacting support.