Winkhaus GRM 1793920

Winkhaus GRM 1793920 Window Transmission Instruction Manual

Introduction

This manual provides essential information for the installation, operation, and maintenance of the original Winkhaus GRM 1793920 window transmission. This component is designed as a replacement part for GPM systems and is suitable for both wooden and plastic windows. Please read these instructions carefully before proceeding with installation or maintenance.

Setup and Installation

The Winkhaus GRM 1793920 is a replacement part for window gearing. Installation should be performed by a qualified professional to ensure proper function and safety. Incorrect installation can lead to damage to the window or the transmission mechanism.

Key Steps:

1. **Preparation:** Ensure the window sash is removed from the frame and placed on a stable, clean surface.
2. **Removal of Old Transmission:** Carefully remove the screws securing the old transmission. Detach the old transmission from the window sash.
3. **Inspection:** Inspect the window sash for any damage or wear that might affect the new transmission's function.
4. **Positioning the New Transmission:** Place the new Winkhaus GRM 1793920 transmission into the designated channel on the window sash. Ensure it aligns correctly with all fixing points.
5. **Securing:** Secure the new transmission using appropriate screws. Do not overtighten.
6. **Functionality Check:** Before re-installing the sash, operate the transmission mechanism to ensure smooth movement and proper engagement of all locking points.
7. **Re-installation:** Carefully re-install the window sash into the frame.
8. **Final Adjustment:** Perform final adjustments to ensure the window closes and locks securely and smoothly.

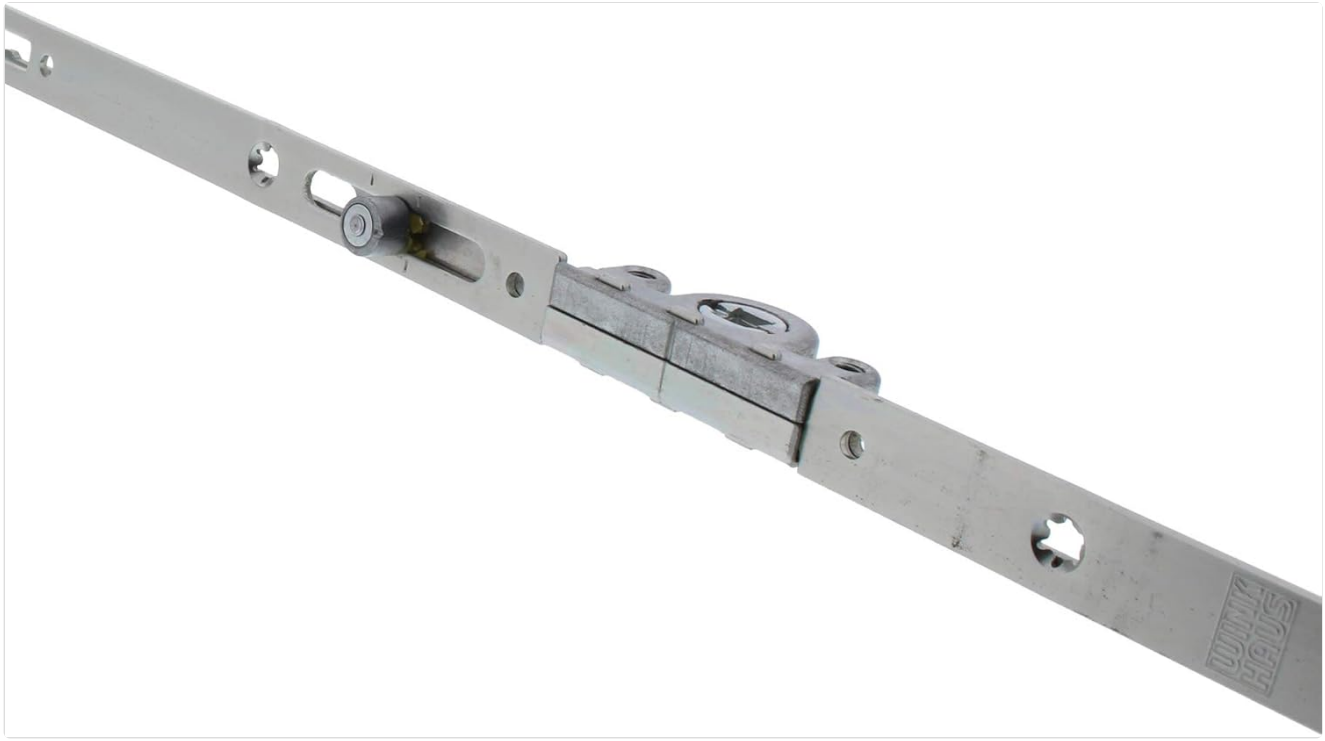


Image: The complete Winkhaus GRM 1793920 window transmission bar, showing its full length and attachment points. This is the main component to be installed.



Image: A detailed view of the central gearing mechanism of the Winkhaus GRM 1793920 transmission. This part is responsible for the locking action.

Operation

The Winkhaus GRM 1793920 transmission operates in conjunction with your window handle to control the opening, tilting, and locking functions of the window. Ensure the handle moves freely and engages the transmission without excessive force.

- **Closed Position:** When the window is closed and the handle is in the downward position, the transmission engages the locking points, securing the window.
- **Open Position:** Turning the handle 90 degrees to the horizontal position disengages the locking points, allowing the window to be opened.

- **Tilt Position (if applicable):** For tilt-and-turn windows, turning the handle 180 degrees upwards from the closed position allows the window to tilt inwards for ventilation.

If you experience stiffness or difficulty operating the window, refer to the Maintenance or Troubleshooting sections.

Maintenance

Regular maintenance ensures the longevity and smooth operation of your Winkhaus GRM 1793920 window transmission. The product includes ToniTec maintenance instructions for autopilot systems, which should be followed for optimal performance.

Recommended Maintenance Schedule:

- **Lubrication:** Annually, apply a suitable, non-acidic lubricant to all moving parts of the transmission, including the gearing mechanism and locking points. This helps prevent wear and ensures smooth operation.
- **Cleaning:** Periodically clean any visible dirt or debris from the transmission mechanism. Use a soft cloth and avoid abrasive cleaners.
- **Inspection:** Regularly inspect the transmission for signs of wear, corrosion, or damage. Check that all screws are tight.
- **Adjustments:** If the window becomes difficult to operate or does not close properly, minor adjustments to the window hardware may be necessary. Consult a professional if you are unsure.



Image: The ToniTec maintenance instructions booklet, which provides detailed guidance for the upkeep of your window transmission system.

Troubleshooting

This section addresses common issues you might encounter with your window transmission.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Window handle is stiff or difficult to turn.	Lack of lubrication, dirt in mechanism, misaligned components.	Apply lubricant to moving parts. Clean the mechanism. Check for proper alignment; adjust if necessary or consult a professional.
Window does not close or lock properly.	Misalignment of window sash, worn locking points, damaged transmission.	Check window sash alignment and adjust if needed. Inspect locking points for wear. If transmission is damaged, replacement may be required.
Grinding noises during operation.	Dirt or debris in the gearing, lack of lubrication, damaged gears.	Clean the mechanism thoroughly. Lubricate all moving parts. If noise persists, the transmission may be damaged and require professional inspection.

For complex issues or if you are unsure about performing repairs, it is recommended to contact a qualified window technician.

Specifications

- **Model:** Winkhaus GRM 1793920
- **Part Type:** Window Transmission Replacement Part
- **Compatibility:** Suitable for GPM systems, wooden and plastic windows
- **Size/Dimensions:** 1800/2 (FFH 1300-1800 mm)
- **Material:** Light galvanized steel
- **Color:** Silver
- **Manufacturer:** Winkhaus
- **ASIN:** B07N1QGQZ8
- **First Available:** January 15, 2020

Warranty and Support

For warranty information regarding your Winkhaus GRM 1793920 transmission, please refer to the documentation provided at the point of purchase or contact your supplier. Winkhaus products are known for their quality and durability.

For technical support or professional assistance with installation and maintenance, please contact a certified Winkhaus partner or a qualified window technician in your region.

Manufacturer Contact: For general inquiries, visit the official Winkhaus website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question