

## GNPADR TH-CJ

# GNPADR Recliner Ratchet Pawl Rack User Manual

Model: TH-CJ

## 1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the GNPADR Recliner Ratchet Pawl Rack, Model TH-CJ. This component is designed as a replacement part for La-Z-Boy and similar recliner chairs, restoring the ratcheting recline function.

The kit includes a new pawl bracket and a threaded rod. Please note that specific chair disassembly and reassembly instructions are not included in this manual, as they vary by recliner model. Users are advised to consult their recliner's original manual or seek professional guidance for chair-specific procedures.

## 2. SAFETY INFORMATION

Please read and understand all safety precautions before attempting installation or handling the product.

- **Wear Protective Gloves:** The product features sharp teeth. Always wear appropriate protective gloves during handling and installation to prevent injury.
- **Check Weight Limit:** Ensure the recliner's weight limit is respected after any repair or part replacement.
- **Proper Assembly:** Verify that all components are securely fastened and properly aligned before using the recliner. Loose parts can cause malfunction or injury.
- **Children and Pets:** Keep children and pets away from the recliner mechanism during installation and repair.

## 3. PRODUCT FEATURES

- **Material:** Constructed from durable 304 stainless steel for longevity and resistance to wear.
- **Precision Design:** Features threads in all three fixed holes, matching original equipment for convenient installation.
- **Replacement Part:** Designed to replace worn or damaged pawl rack components in recliners, restoring smooth ratcheting functionality.
- **Included Components:** Comes with the recliner adjustable tooth rack and necessary screws/nuts for direct

fixation.

## 4. SETUP AND INSTALLATION

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This section provides general steps for replacing the recliner ratchet pawl rack. Specific disassembly and reassembly procedures for your recliner model may vary. It is highly recommended to consult your recliner's original manual or search for model-specific repair videos online (e.g., on YouTube) before proceeding.

1. **Prepare the Recliner:** Position the recliner in a safe, well-lit area. You may need to lay it on its side or back to access the mechanism. Remove any cushions or upholstery as necessary to expose the internal components.
2. **Locate the Old Pawl Rack:** Identify the existing ratchet pawl rack mechanism. It is typically located near the footrest assembly, responsible for holding the footrest in various extended positions.
3. **Remove the Old Part:** Carefully unbolt or unscrew the old pawl rack from the recliner frame. Note the orientation and attachment points for reassembly. You may need a Torx screwdriver or other specific tools depending on your recliner's hardware.
4. **Install the New Pawl Rack:** Align the new GNPADR pawl rack with the mounting holes. Use the provided screws and nuts to secure the new part. Ensure it is firmly attached and does not wobble. If your original bolts do not fit, use the new bolts provided with the GNPADR part.
5. **Test Functionality:** Before fully reassembling the recliner, manually operate the footrest mechanism to ensure the new pawl rack engages correctly and holds the footrest in desired positions.
6. **Reassemble the Recliner:** Once satisfied with the functionality, reattach any removed upholstery or cushions.



Image: The GNPADR Recliner Ratchet Pawl Rack shown in context within a recliner's internal mechanism, highlighting its placement for proper function.

# Brand new Pawl rack

3 screws are directly fixed ,If you want to be more secure , you can screw on the attached nut.

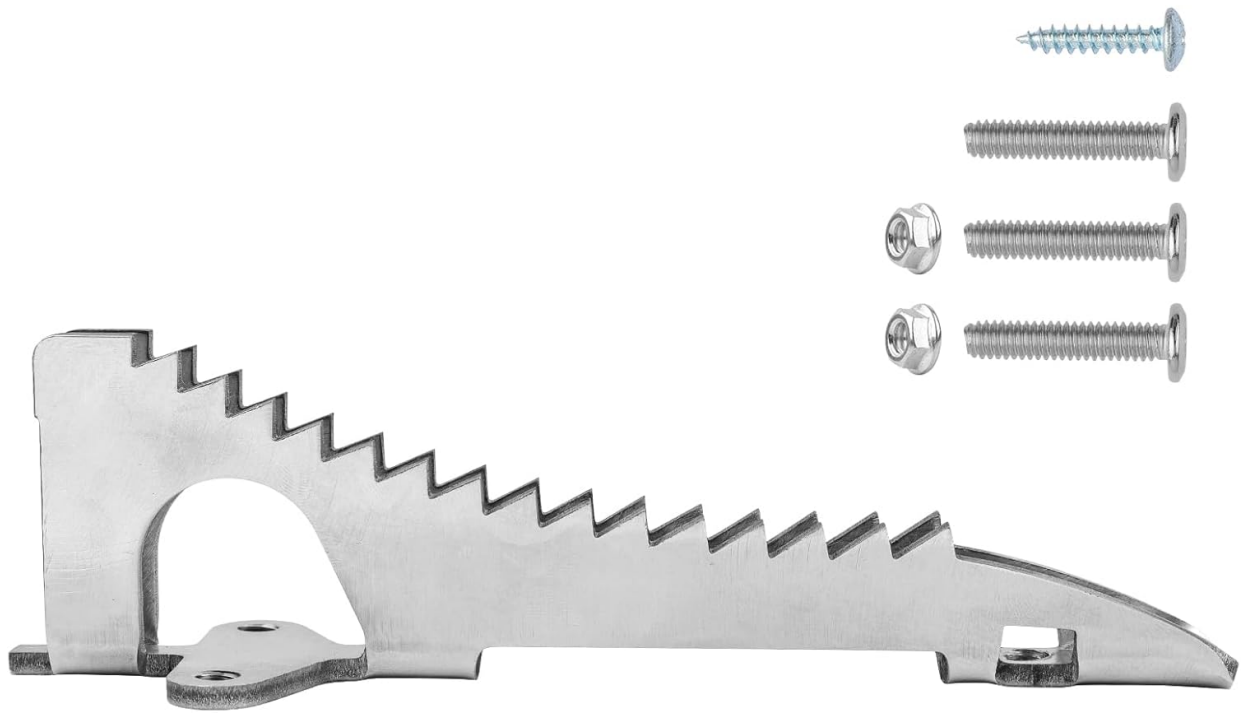


Image: The GNPADR Recliner Ratchet Pawl Rack displayed alongside the three screws and two nuts included for secure installation. The image emphasizes that the screws can be directly fixed, and nuts can be added for extra security.

## 5. OPERATING

The GNPADR Recliner Ratchet Pawl Rack is an integral part of your recliner's footrest mechanism. Once correctly installed, it enables the smooth and secure ratcheting action that allows the footrest to extend and lock into various positions. To operate, simply push the footrest out with your legs until it clicks into the desired position. To retract, apply slight pressure to the footrest and it should release and return to the closed position.

## 6. MAINTENANCE

To ensure the longevity and smooth operation of your GNPADR Recliner Ratchet Pawl Rack, consider the following maintenance tips:

- **Regular Inspection:** Periodically inspect the pawl rack and surrounding mechanism for any signs of wear, looseness, or debris.
- **Cleaning:** If dust or debris accumulates, gently clean the mechanism with a dry cloth or soft brush. Avoid using harsh chemicals that could damage the metal.
- **Lubrication (Optional):** If the mechanism feels stiff over time, a small amount of silicone-based lubricant can be applied to the moving parts, avoiding excessive application.
- **Tighten Fasteners:** Check and tighten any loose screws or bolts on the pawl rack and surrounding frame as needed.

## 7. TROUBLESHOOTING

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If you encounter issues with your recliner's ratcheting mechanism after installing the GNPADR pawl rack, consider the following:

- **Footrest Not Holding Position:**

- Ensure the pawl rack is securely installed and all fasteners are tight.
- Verify that the pawl (the part that engages the teeth) is properly aligned and not worn.
- Check for any obstructions preventing full engagement of the teeth.

- **Stiff Operation:**

- Inspect for any binding or misalignment in the mechanism.
- Apply a small amount of lubricant to the moving parts if necessary.

- **Unusual Noises:**

- Check for loose components or parts rubbing against each other.
- Ensure the pawl rack is not bent or damaged.

If problems persist after troubleshooting, it may indicate an issue with another part of the recliner mechanism or require professional assistance.

## 8. SPECIFICATIONS

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<b>Brand</b>	GNPADR
<b>Model Name</b>	GNPADR rack
<b>Item Model Number</b>	TH-CJ
<b>Color</b>	Silver
<b>Product Dimensions</b>	6"D x 1.75"W x 1.7"H
<b>Item Weight</b>	0.634 ounces
<b>Material</b>	304 Stainless Steel
<b>Included Components</b>	Recliner adjustable tooth rack, screws, nuts

## 304 stainless steel manufacturing

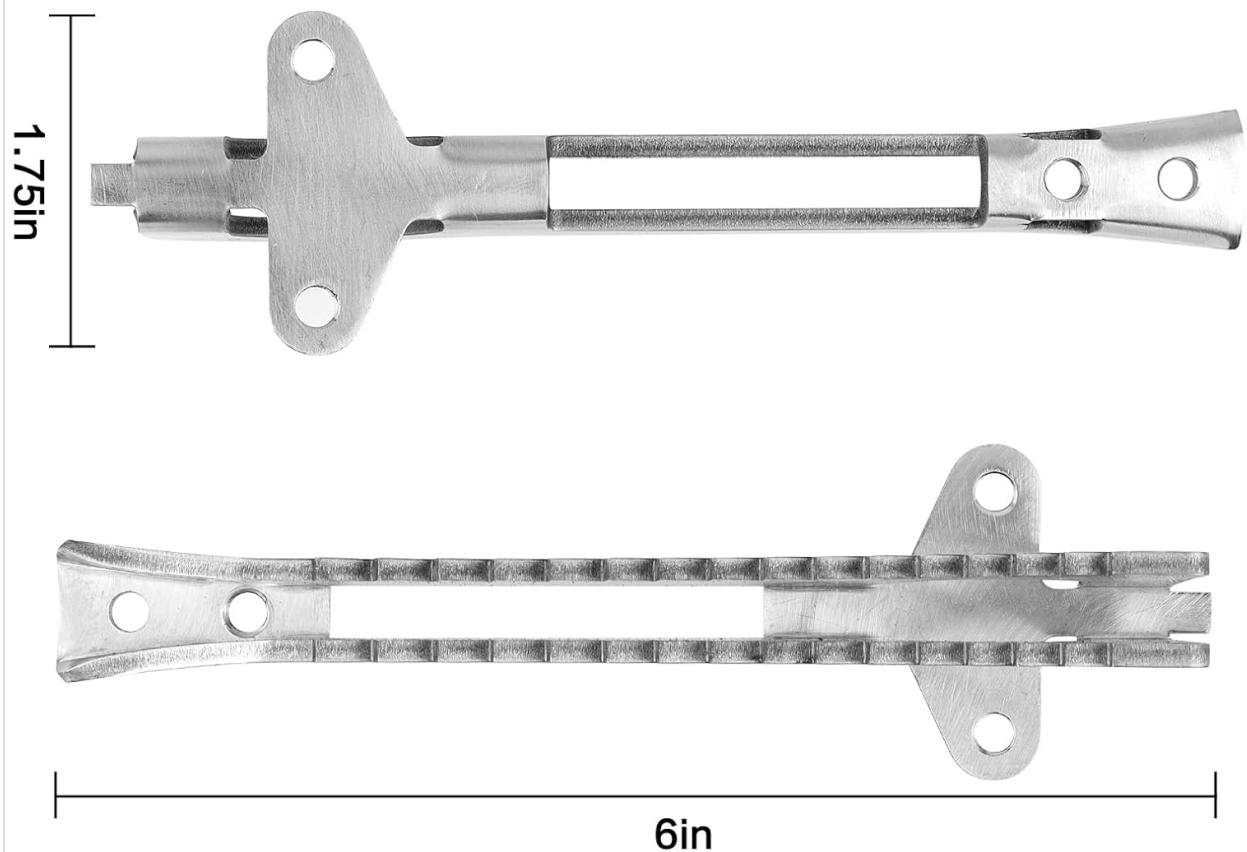


Image: Top and side views of the GNPADR Recliner Ratchet Pawl Rack, illustrating its dimensions of 6 inches in length and 1.75 inches in width.

### 9. WARRANTY AND SUPPORT

GNPADR provides a one-year warranty for this product from the date of purchase. If the product experiences any issues within this period, you may be eligible for a refund or replacement. Please contact the seller directly through the platform where the purchase was made for warranty claims or support inquiries.

For additional support or questions regarding the GNPADR Recliner Ratchet Pawl Rack, please refer to the seller's contact information provided at the time of purchase.