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Recliner-Handles DRIVETUBE-PARENT

Recliner-Handles Complete Drive Tube Assembly (23.5 Inch) Instruction Manual

Model: DRIVETUBE-PARENT

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Recliner-Handles Complete Drive Tube Assembly. This component is specifically designed to replace a broken or worn drive tube in various recliner mechanisms, ensuring the smooth and proper functioning of your recliner. Please read this manual thoroughly before attempting any installation or repair.

2. Safety Information

Your safety is paramount. Please observe the following safety guidelines:

- Always follow the manufacturer's instructions for assembly and installation of the recliner mechanism.
- Ensure the chair is stable and secure before and after installation, and before any use.
- Do not exceed the maximum weight capacity of the recliner chair.
- Keep fingers, clothing, and other body parts away from moving parts of the recliner mechanism during operation to prevent injury.
- If you are unsure about any step, consult a qualified technician.

3. Product Overview

The Recliner-Handles Complete Drive Tube Assembly is a critical component that connects and synchronizes the various parts of your recliner's mechanism. This particular model is 23.5 inches in length and features a 1/2 inch square diameter, designed for compatibility with most standard recliner mechanisms.



Image 1: The 23.5-inch Recliner Drive Tube Assembly.



Image 2: A tape measure indicating the length of a drive tube, essential for verifying the correct size.

4. Installation Instructions

This section guides you through the process of replacing your recliner's drive tube. Ensure you have adequate space and lighting before beginning.

4.1. Tools Required

- Screwdriver (Phillips and/or Flathead, depending on your recliner)
- Adjustable Wrench or Socket Set
- Measuring Tape
- Drill and appropriate drill bits (if new holes are required)
- Safety Glasses
- Gloves

4.2. Step-by-Step Installation

1. **Prepare the Recliner:** Carefully turn the recliner over or tilt it back to expose the underside mechanism. Ensure the chair is stable and cannot tip over during the process.
2. **Identify the Drive Tube:** Locate the existing drive tube, which is typically a square metal bar connecting the two sides of the reclining mechanism. Note how it is attached.
3. **Remove the Old Drive Tube:** Using the appropriate tools, carefully unbolt or detach the old drive tube from the recliner mechanism. Pay attention to any washers or spacers that may be present.
4. **Measure and Verify Fit:** Compare the new 23.5-inch drive tube with the old one. Verify the length and the position of any pre-drilled holes. Some recliners may require drilling new holes in the replacement tube to match the existing mechanism's bolt points. If drilling is necessary, mark the precise locations carefully and use appropriate drill bits for metal.

5. **Install the New Drive Tube:** Position the new drive tube into the recliner mechanism. Align the holes and secure it with the original bolts, nuts, and washers. Ensure all connections are tight but do not overtighten, which could strip threads or damage components.
6. **Test the Recliner:** Once the new drive tube is securely installed, carefully return the recliner to its upright position. Slowly operate the reclining function to ensure smooth movement and proper engagement of the mechanism. Check for any binding, unusual noises, or loose connections.



Image 3: An example of a recliner mechanism, showing where the drive tube would be installed.

5. Operating the Recliner

After successful installation of the drive tube, your recliner should operate as intended. Engage the reclining lever or push back on the chair to activate the mechanism. Ensure the movement is fluid and consistent.

- Avoid forcing the mechanism if it feels stiff.
- Do not allow children or pets to play on or around the recliner while it is being operated.

6. Maintenance

Regular maintenance can extend the life of your recliner mechanism and drive tube.

- **Periodic Inspection:** Every 6-12 months, inspect the drive tube and other moving parts for signs of wear, bending, or corrosion. Check that all bolts and fasteners are secure.
- **Lubrication:** Apply a small amount of silicone-based lubricant to pivot points and moving joints of the recliner mechanism to ensure smooth operation. Avoid over-lubricating, which can attract dust and debris.
- **Cleaning:** Keep the area around the recliner mechanism free of dust, lint, and debris, which can interfere with its operation.

7. Troubleshooting

If you encounter issues after installing the drive tube, consider the following:

- **Recliner is Stiff or Not Operating Smoothly:**
  - Check for any obstructions in the mechanism.
  - Ensure all bolts are tightened correctly; overtightening can cause stiffness.
  - Apply lubricant to moving parts as described in the Maintenance section.
- **Drive Tube Does Not Fit Correctly:**
  - Verify that you ordered the correct length (23.5 inches).
  - Confirm that the pre-drilled holes align with your recliner's mechanism. If not, careful drilling may be required as noted in the installation steps.
- **Unusual Noises:**
  - Inspect all connections for looseness.
  - Ensure no parts are rubbing against each other.

8. Specifications

Brand	Recliner-Handles
Model Name	Recliner Drive Tube Assembly
Item Model Number	DRIVETUBE-PARENT
Size	23.5 Inches
Product Dimensions	23.5"D x 0.5"W x 23.5"H
Material	Metal
Color	Black
Item Weight	12.8 ounces

9. Warranty and Support

For warranty information or technical support regarding your Recliner-Handles Complete Drive Tube Assembly, please contact the manufacturer directly. Refer to your purchase documentation for specific contact details or visit the official Recliner-Handles website.
Always provide your product model number (DRIVETUBE-PARENT) and purchase date when seeking support.

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