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FR Recliner Sofa Sectional Mechanism Tension Spring 4 3/4 inch Long Hooks

FR Recliner Sofa Sectional Mechanism Tension Spring Instruction Manual

Model: Recliner Sofa Sectional Mechanism Tension Spring 4 3/4 inch Long Hooks

Introduction

This manual provides detailed instructions for the installation and maintenance of your FR Recliner Sofa Sectional Mechanism Tension Spring. This spring is designed as a direct replacement part for recliner mechanisms, ensuring proper function and tension.

Product Overview

The FR Recliner Mechanism Tension Spring is a crucial component for the smooth operation of your recliner. It assists in the locking or tensioning of the recliner mechanism.

- **Length:** Approximately 4 3/4 inches (from hook to hook).
- **Coils:** 21 coils.
- **Diameter:** Approximately 11/16 inch.
- **Hooks:** Two offset hooks. One hook protrudes approximately 1 1/2 inches above the coil.
- **Noise Reduction:** Each hook end features a plastic coating to minimize operational noise.

RECLINER-HANDLES



Image 1: General view of the FR Recliner Tension Spring.

Installation Instructions

1. **Safety First:** Before beginning, ensure the recliner is in a stable position and cannot accidentally close or shift. It is recommended to turn the chair over to access the mechanism.
2. **Identify the Broken Spring:** Locate the broken or worn-out tension spring on your recliner mechanism. Note its exact attachment points.
3. **Remove the Old Spring:** Carefully detach the old spring from its anchor points. This may require a tool to pry it off or stretch it slightly.
4. **Prepare the New Spring:** Inspect the new FR tension spring. Note the plastic coating on the hook ends. In some cases, if the anchor point is too narrow, this coating may need to be carefully trimmed or removed to ensure a proper fit.
5. **Install the New Spring:**
    - Attach one hook of the new spring to its corresponding anchor point on the recliner mechanism.
    - To attach the second hook, you will need to stretch the spring. This can be done carefully by hand, or by using a tool such as a spring puller, a strong piece of twine, or a sturdy hook to pull the spring into place. Ensure a secure connection.
6. **Verify Installation:** Once installed, gently operate the recliner mechanism to ensure the spring is correctly seated and functioning as intended. Check for any unusual noises or resistance.



Image 2: The spring being measured, showing its 4 3/4 inch length. This measurement is crucial for ensuring compatibility.

Function and Purpose

This tension spring is an integral part of your recliner's mechanism. Its primary function is to provide the necessary tension to assist in the smooth operation of the reclining motion, helping the footrest to extend and retract, and ensuring the mechanism locks securely in position. A properly functioning spring prevents the recliner from sagging or failing to hold its position.

Maintenance

The FR Recliner Tension Spring is designed for durability and requires minimal maintenance. Periodically inspect the spring for signs of wear, corrosion, or damage. Ensure it remains securely attached to its anchor points. If any damage is observed, replace the spring promptly to maintain optimal recliner performance and safety.

Troubleshooting

- **Recliner Not Holding Position:** If the recliner does not stay in its desired position or sags, the tension spring may be worn, stretched, or broken. Inspect the spring and replace if necessary.
- **Difficulty Extending/Retracting Footrest:** A faulty tension spring can cause the footrest to operate stiffly or not at all. Check the spring for proper installation and integrity.
- **Spring Does Not Fit Anchor Point:** If the plastic coating on the hook ends prevents the spring from fitting into the mechanism's anchor point, carefully trim the plastic coating as needed.

Specifications

Item Weight	3.2 ounces
Product Dimensions	4.75 x 1 x 1 inches
Spring Length (Hook to Hook)	Approximately 4 3/4 inches

Number of Coils	21
Coil Diameter	Approximately 11/16 inch
Hook Offset	One hook protrudes approximately 1 1/2 inches above the coil.
Material	Solid metal construction with plastic-coated hook ends.

Customer Support

For additional information, bulk pricing inquiries, or assistance with your FR Recliner Tension Spring, please contact our customer service department. Refer to the product packaging or the retailer's website for specific contact details.
You can also visit the FR Store on Amazon for more products and information.

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