JOUNJIP FSP87

JOUNJIP Flat Spindle Rods Replacement Parts Instruction Manual

Model: FSP87

Product Overview

These JOUNJIP Flat Spindle Rods are designed as replacement parts for JOUNJIP mechanical keyless keypad eyelet drive locks. They are made from hardened steel with a rust-proof finish, ensuring durability and strength. Each pack contains 6 spindle rods and 6 springs.

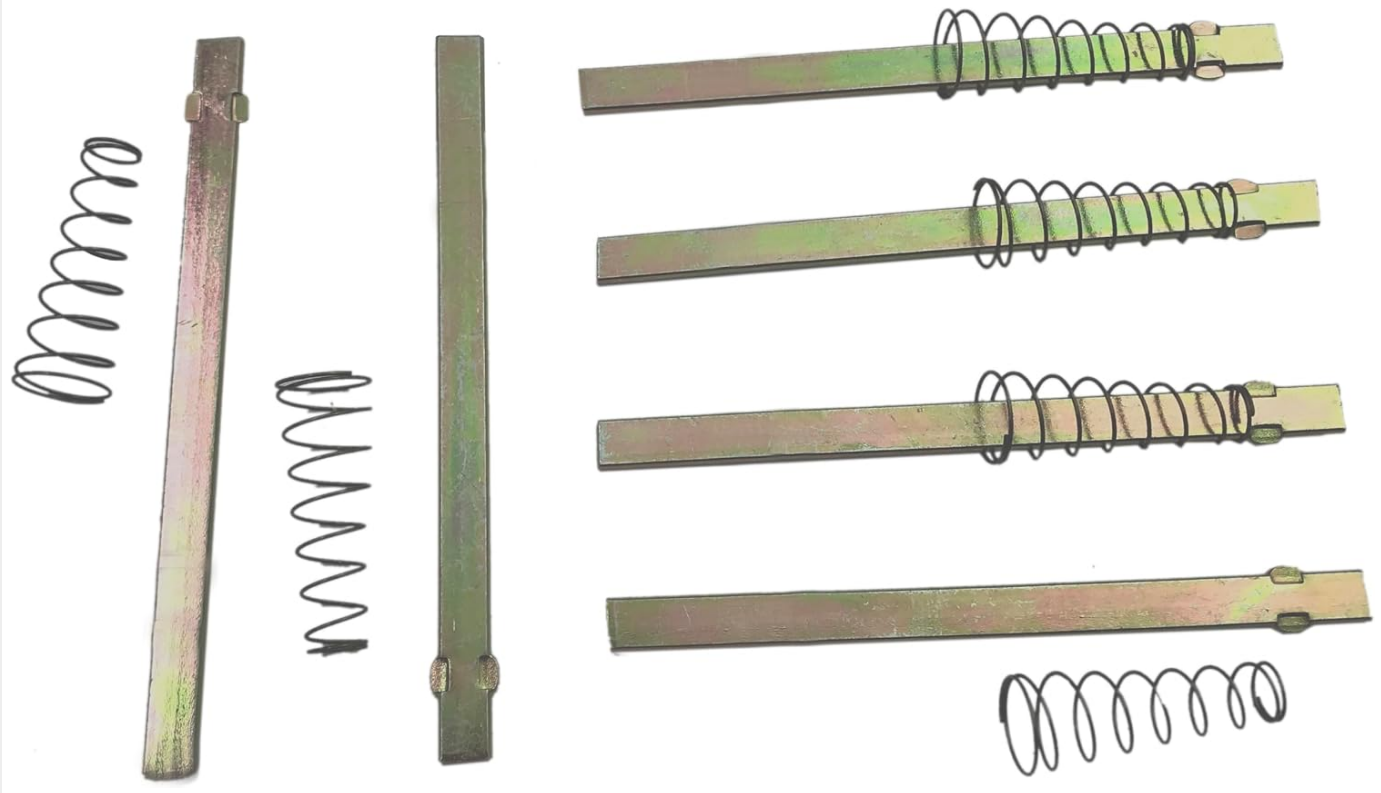


Image: A set of six JOUNJIP flat spindle rods, some with springs attached, and additional loose springs. These are the replacement parts for mechanical door locks.

Key Features:

- Compatible with JOUNJIP brand flat spindle locks for doors up to approximately 2 1/8" thick.
- Dimensions: 3.4 inches long (87mm) x 0.24 inch wide (6.1mm) x 0.08 inch thick (2mm).
- Made from flat hardened steel for durability and strength.
- Includes 6 spindle rods and 6 springs.

Setup and Installation

The JOUNJIP Flat Spindle Rods are designed to be cut to the specific length required for your door's thickness and lock mechanism. This customization ensures a proper fit and function.

Required Tools (Not Included):

- **Hacksaw:** For cutting the hardened steel spindle to the desired length.
- **Vise:** To securely hold the spindle while cutting.
- **Metal File:** To smooth any rough edges after cutting.
- **Measuring Tape or Caliper:** For accurate measurement of the required spindle length.

Installation Steps:

1. **Measure Existing Spindle:** If replacing a broken spindle, measure its length accurately. If installing in a new lock, refer to your lock's manual for the required spindle length based on your door thickness.
2. **Mark the Cut Point:** Carefully mark the spindle rod at the precise length determined in the previous step.
3. **Secure the Spindle:** Place the spindle securely in a vise, ensuring the marked cut point is accessible.
4. **Cut the Spindle:** Using a hacksaw, carefully cut the spindle rod at the marked point. Apply steady pressure and use appropriate safety measures.
5. **Smooth Edges:** After cutting, use a metal file to smooth any sharp or rough edges on the cut end of the spindle. This prevents damage to the lock mechanism and ensures safe handling.
6. **Attach Spring:** Slide one of the included springs onto the spindle rod. The spring helps maintain tension and proper operation within the lock.
7. **Insert into Lock:** Insert the prepared spindle rod into the mechanical door lock mechanism according to your lock's specific installation instructions.

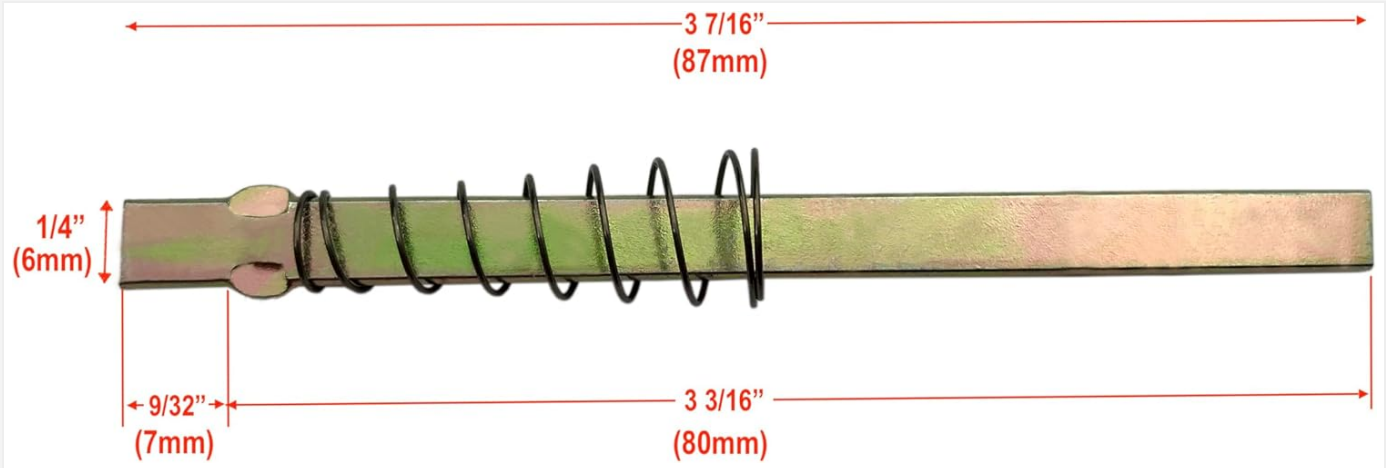


Image: Detailed diagram illustrating the dimensions of a single JOUNJIP flat spindle rod, including its total length (3 7/16" or 87mm), width (1/4" or 6mm), and the length of the main shaft (3 3/16" or 80mm).



Image: Several JOUNJIP flat spindle rods, each with a spring coiled around one end, demonstrating how the spring is positioned on the spindle.

Operating Principle

The flat spindle rod is a critical component in mechanical keyless keypad locks. It acts as the central shaft that transmits rotational force from the exterior and interior knobs or levers to the latch mechanism of the door lock. When the correct code is entered or the handle is turned, the spindle rotates, retracting the latch bolt and allowing the door to open. The flat design ensures a secure fit within the lock's internal mechanism, preventing slippage and ensuring reliable operation.

Maintenance

The JOUNJIP Flat Spindle Rods are constructed from hardened steel with a rust-proof finish, minimizing the need for extensive maintenance. However, to ensure longevity and optimal performance:

- **Keep Clean:** Periodically inspect the spindle and the lock's internal mechanism for any accumulation of dust, dirt, or debris. Use a dry cloth or a soft brush to clean.
- **Avoid Lubricants:** Mechanical locks generally do not require lubrication on the spindle. Introducing oil or grease can attract more dirt and potentially hinder the mechanism. Consult your specific lock's manual if lubrication is recommended for other parts.
- **Inspect for Wear:** If the lock begins to feel loose or unresponsive, inspect the spindle for signs of wear, bending, or damage. Replace if necessary.

Troubleshooting

If you encounter issues after installing the replacement spindle rod, consider the following:

- **Lock Not Engaging/Disengaging:**
    - **Incorrect Spindle Length:** The most common issue. If the spindle is too short, it may not fully engage the lock mechanism. If it's too long, it may bind or prevent the lock from closing properly. Re-measure and re-cut if necessary.
    - **Spindle Orientation:** Ensure the flat sides of the spindle are correctly aligned with the corresponding slots in the lock mechanism.
    - **Spring Placement:** Verify that the spring is correctly positioned on the spindle and is not binding.
- **Handle/Knob Feels Loose:**
    - **Spindle Not Fully Seated:** Ensure the spindle is fully inserted and seated within both sides of the lock mechanism.
    - **Damaged Lock Components:** If the spindle is correctly installed but the issue persists, the problem might lie with other internal components of the door lock itself.

Always refer to your specific JOUNJIP mechanical door lock's instruction manual for detailed troubleshooting steps related to the entire lock assembly.

Specifications

Attribute	Detail
Brand	JOUNJIP
Model Name	87mm Flat Spindle
Model Number	FSP87
UPC	711237818480
Material	Rust Proof Finish Steel
Item Dimensions (L x W x H)	3.4 x 0.24 x 0.08 inches (87mm x 6.1mm x 2mm)
Item Weight	2.39 ounces (for the pack)
Number of Pieces	6 Spindles, 6 Springs
Lock Type Compatibility	Mechanical Keypad (JOUNJIP brand)
Recommended Use	Door Locks

Warranty Information

The JOUNJIP Flat Spindle Rods come with a**1 Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for any warranty claims.

Support

For further assistance, questions, or support regarding your JOUNJIP Flat Spindle Rods or other JOUNJIP products,

please contact JOUNJIP customer service. Refer to the contact information provided with your original JOUNJIP mechanical door lock or visit the official JOUNJIP website for support details.

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