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Freeman RPFN64

Freeman RPFN64 Replacement O-Ring Kit User Manual

Model: RPFN64 | Brand: Freeman

PRODUCT OVERVIEW

The Freeman RPFN64 Replacement O-Ring Kit is designed to rebuild and repair the internal firing unit of the Freeman PFN64 Straight Finish Nailer. This kit contains high-quality rubber and plastic components engineered for durability and to maintain the optimal performance of your nailer.

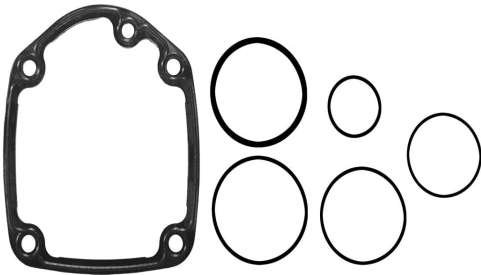


Image: Complete RPFN64 O-Ring Kit, showing the gasket and a selection of O-rings of different sizes.



Image: Front view of the main gasket component from the RPFN64 kit.

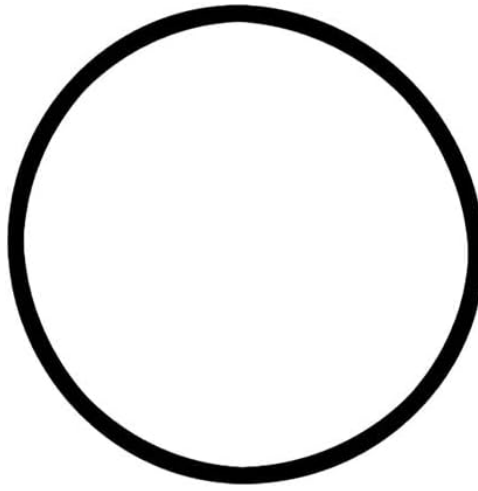


Image: Close-up of one of the larger O-rings included in the kit.

This kit is essential for maintaining the pneumatic efficiency and extending the lifespan of your Freeman PFN64 Straight Finish Nailer by replacing worn or damaged seals within its internal firing mechanism.

SETUP

Before beginning any repair or maintenance, ensure the Freeman PFN64 Straight Finish Nailer is disconnected from its air supply and any remaining air pressure is completely bled from the tool. Always wear appropriate personal protective equipment, including safety glasses.

- Gather all components of the RPFN64 O-Ring Kit.
- Have the necessary tools for disassembling and reassembling your PFN64 nailer (e.g., wrenches, screwdrivers).
- Prepare a clean, well-lit workspace to prevent loss of small components and contamination.

OPERATING (INSTALLATION)

The RPFN64 kit is for replacing O-rings within the internal firing unit of the Freeman PFN64 Straight Finish Nailer. For precise installation, it is crucial to refer to the original parts diagram and service manual for your Freeman PFN64 Straight Finish Nailer. This diagram will provide specific locations and part numbers for each O-ring and gasket.

1. **Disassembly:** Carefully disassemble the internal firing unit of your PFN64 nailer according to its service manual. Pay close attention to the order and orientation of all components.
2. **Removal of Old O-Rings:** Gently remove the old, worn, or damaged O-rings and gaskets. Use a non-marring tool if necessary to avoid scratching metal surfaces.
3. **Cleaning:** Clean all internal components thoroughly, removing any debris, old lubricant, or residue.
4. **Lubrication:** Apply a small amount of pneumatic tool oil or a compatible O-ring lubricant to each new O-ring before installation. This helps prevent pinching and ensures a proper seal.
5. **Installation of New O-Rings:** Install the new O-rings and gasket from the RPFN64 kit into their corresponding locations as indicated by your nailer's parts diagram. Ensure they are seated correctly and not twisted.
6. **Reassembly:** Reassemble the internal firing unit and the nailer, following the reverse order of disassembly. Ensure all fasteners are tightened securely but do not overtighten.
7. **Testing:** Reconnect the nailer to its air supply and perform a functional test to ensure proper operation and no air leaks.

If you do not have the original parts diagram, please contact Freeman customer support or visit their official website for assistance.

MAINTENANCE

Proper maintenance of your O-rings and pneumatic tool is essential for longevity and performance.

- **Regular Lubrication:** Periodically lubricate your pneumatic tool with appropriate pneumatic tool oil. This helps keep O-rings pliable and prevents premature wear.
- **Clean Air Supply:** Ensure your air compressor system uses a filter to provide clean, dry air. Moisture and contaminants can degrade O-rings.
- **Storage:** Store your nailer in a clean, dry environment when not in use.
- **Inspect Regularly:** Routinely inspect O-rings during maintenance for signs of wear, cracking, or flattening. Replace them as needed to prevent air leaks and maintain tool efficiency.

TROUBLESHOOTING

If you experience issues after replacing O-rings, consider the following:

Problem	Possible Cause	Solution
Air Leakage	Improperly seated O-ring, damaged new O-ring, or incorrect O-ring size.	Re-check O-ring seating. Inspect new O-rings for defects. Ensure correct O-ring is used for each location (refer to diagram).
Nailer not firing or weak firing	Significant air leak, insufficient lubrication, or incorrect reassembly.	Check for air leaks. Apply pneumatic tool oil. Review reassembly steps with the service manual.
O-rings degrading quickly	Contaminated air supply, improper lubricant, or excessive heat.	Install an air filter/dryer on your compressor. Use only pneumatic tool oil. Ensure tool is not overheating during prolonged use.

For persistent issues, contact Freeman customer support.

SPECIFICATIONS

- Material:** Rubber
- Brand:** Freeman
- Color:** Black
- UPC:** 855629002658
- Manufacturer:** Freeman Pneumatics
- Unit Count:** 1 Count
- Part Number:** RPFN64
- Item Weight:** 0.064 ounces
- Product Dimensions:** 6.7 x 4.1 x 0.2 inches
- Item Model Number:** RPFN64

WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or to purchase additional replacement parts, please contact Freeman customer service directly or visit the official Freeman website. Keep your purchase receipt as proof of purchase for any warranty claims.

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