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Titan 800-450

Titan 800-450 Packing Repair Kit Instruction Manual

Model: 800-450

1. INTRODUCTION

This manual provides essential instructions for the proper use, installation, and maintenance of your Titan 800-450 Packing Repair Kit. This kit is designed to restore optimal performance to compatible Titan equipment by replacing worn or damaged packing components. Please read this manual thoroughly before attempting any repair to ensure safety and proper function.



Figure 1: Overview of the Titan 800-450 Packing Repair Kit. This image displays the various components included in the kit, typically consisting of seals, O-rings, and other necessary parts for a complete packing replacement.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to equipment:

- **Disconnect Power:** Before performing any maintenance or repair, ensure the equipment is completely disconnected from its power source and depressurized.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, to protect against potential hazards.

- **Read Equipment Manual:** Refer to the original equipment's instruction manual for specific disassembly and reassembly procedures.
- **Use Correct Tools:** Use only the recommended tools for disassembly and assembly to avoid damaging components.
- **Proper Disposal:** Dispose of old packing materials and any waste according to local regulations.

3. PACKAGE CONTENTS

Verify that all items are present and undamaged upon opening the package. If any parts are missing or damaged, contact Titan customer support.

- Packing seals (various sizes as required for the specific model)
- O-rings
- Gaskets
- Instruction sheet (this document)

4. SETUP AND PREPARATION

Before beginning the packing replacement, ensure your workspace is clean, well-lit, and free from obstructions. Gather all necessary tools.

1. **Isolate Equipment:** Turn off and unplug the equipment requiring the packing repair.
2. **Depressurize System:** If applicable, relieve any pressure from the system according to the equipment's operating manual.
3. **Clean Exterior:** Clean the exterior of the equipment around the packing area to prevent contaminants from entering during disassembly.
4. **Gather Tools:** Have appropriate wrenches, screwdrivers, and a clean cloth ready.

5. REPAIR PROCEDURE (PACKING REPLACEMENT)

Follow these steps carefully to replace the packing components. Refer to your specific equipment's service manual for detailed diagrams and torque specifications.

1. **Disassemble:** Carefully disassemble the section of the equipment containing the worn packing. Note the order and orientation of all components.
2. **Remove Old Packing:** Using appropriate tools, gently remove the old packing seals, O-rings, and gaskets. Inspect the housing for any damage or wear.
3. **Clean Components:** Thoroughly clean all mating surfaces and components that will be reassembled. Ensure no debris or old packing material remains.
4. **Install New Packing:** Lubricate new packing components (seals, O-rings) with a compatible lubricant if recommended by the equipment manufacturer. Install them in the correct order and orientation, ensuring they are seated properly without twisting or pinching.
5. **Reassemble:** Carefully reassemble the equipment, ensuring all fasteners are tightened to the manufacturer's specified torque settings.
6. **Test:** After reassembly, perform a leak test or functional test according to the equipment's operating manual before returning it to full service.

6. MAINTENANCE

Proper maintenance extends the life of your equipment and its components. While the packing kit itself is a replacement part, regular inspection of your equipment is crucial.

- **Regular Inspection:** Periodically inspect the packing area of your equipment for signs of leaks, wear, or damage.
- **Cleanliness:** Keep the equipment clean to prevent dirt and debris from compromising seals.
- **Storage:** Store unused packing kit components in a cool, dry place away from direct sunlight and chemicals to preserve their integrity.

7. TROUBLESHOOTING

If you encounter issues after replacing the packing, consult the following table:

Problem	Possible Cause	Solution
Leakage after replacement	<ul style="list-style-type: none">◦ Packing not seated correctly◦ Damaged new packing during installation◦ Incorrect packing size used◦ Fasteners not tightened to specification	<ul style="list-style-type: none">◦ Re-disassemble and inspect packing for proper seating and orientation.◦ Replace any damaged packing components.◦ Verify the correct kit (800-450) was used for your equipment.◦ Check and re-torque all fasteners.
Reduced equipment performance	<ul style="list-style-type: none">◦ Packing installed incorrectly◦ Other internal component failure	<ul style="list-style-type: none">◦ Review installation steps and ensure all components are correctly assembled.◦ Consult the equipment's service manual for further diagnostics.

If troubleshooting steps do not resolve the issue, contact Titan customer support or a qualified service technician.

8. SPECIFICATIONS

Attribute	Detail
Model Number	800-450
Manufacturer	Titan
Item Weight	7 ounces
Item Package Quantity	1
ASIN	B008CFH28S
Date First Available	December 20, 2013

9. WARRANTY AND SUPPORT

For warranty information or technical assistance regarding your Titan 800-450 Packing Repair Kit, please contact Titan customer support. Keep your purchase receipt as proof of purchase.

Contact Information: Refer to the official Titan website or your product packaging for the most current customer support contact details.