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RIDGID 66623

RIDGID 66623 FlexShaft 3-Chain Knocker Instruction Manual

For 3/8 inch Cable and 4-5 inch Pipe

1. Introduction

The RIDGID 66623 FlexShaft 3-Chain Knocker is an attachment designed for efficient drain cleaning, specifically for pipe wall cleaning and removal of soft blockages and grease. It is intended for use with the RIDGID K9-306 FlexShaft Machine and compatible 3/8 inch cables, suitable for 4 to 5 inch drain lines.
This manual provides essential information for the safe and effective operation, setup, and maintenance of your 3-Chain Knocker. Please read it thoroughly before use.

2. Safety Information

Always adhere to general safety practices when operating drain cleaning equipment. Failure to follow these instructions may result in injury or damage to the equipment.

- **Read all instructions:** Before operating, read and understand all instructions provided with the FlexShaft machine and this knocker.
- **Wear personal protective equipment (PPE):** Always wear safety glasses, gloves, and appropriate work attire.
- **Ensure proper ventilation:** Work in a well-ventilated area, especially when dealing with drain gases.
- **Secure the work area:** Keep bystanders and pets away from the work area.
- **Inspect equipment:** Before each use, inspect the knocker, cable, and FlexShaft machine for any damage or wear. Do not use damaged equipment.
- **Disconnect power:** Always disconnect the FlexShaft machine from its power source before attaching or detaching the knocker.
- **Use correct size:** Ensure the knocker is appropriate for the pipe diameter being cleaned.

3. Product Overview

The RIDGID 66623 FlexShaft 3-Chain Knocker is a specialized attachment designed to be connected to a 3/8 inch FlexShaft cable. It features three chains with cutting edges that expand centrifugally to scrape and clean the interior walls of 4 to 5 inch pipes. This design is particularly effective for removing soft blockages and grease buildup without damaging the pipe.



Figure 1: RIDGID 66623 FlexShaft 3-Chain Knocker. This image displays the knocker head with its three chains, designed for attachment to a FlexShaft cable for drain cleaning.

4. Setup Instructions

Follow these steps to properly attach the 3-Chain Knocker to your FlexShaft cable.

1. **Ensure power is off:** Verify that the RIDGID K9-306 FlexShaft Machine is unplugged from its power source.
2. **Prepare the cable:** Ensure the 3/8 inch FlexShaft cable is clean and free of debris at the attachment point.
3. **Attach the knocker:** Securely connect the 66623 3-Chain Knocker to the end of the FlexShaft cable. Refer to your FlexShaft machine's manual for specific cable attachment procedures. Ensure the connection is tight and secure to prevent detachment during operation.
4. **Verify connection:** Gently pull on the knocker to confirm it is firmly attached to the cable.

5. Operating Instructions

Once the knocker is attached, proceed with drain cleaning as follows:

1. **Insert into pipe:** Carefully feed the knocker and cable into the drain opening.
2. **Power on:** Plug in and turn on the RIDGID K9-306 FlexShaft Machine.
3. **Advance the cable:** Slowly advance the rotating cable and knocker into the pipe. The centrifugal force will cause the chains to expand and scrape the pipe walls.
4. **Clean thoroughly:** Work the knocker back and forth through the affected area to ensure thorough cleaning and removal of blockages.
5. **Retract the cable:** Once cleaning is complete, slowly retract the cable and knocker from the pipe while the machine is still running to help clear debris.
6. **Power off:** Turn off and unplug the FlexShaft machine.
7. **Clean up:** Remove the knocker from the cable and clean both thoroughly.

Note: *Always maintain control of the FlexShaft machine and cable during operation. Do not force the knocker if it encounters significant resistance; retract and re-advance carefully.*

6. Maintenance

Proper maintenance extends the life of your 3-Chain Knocker.

- **Cleaning:** After each use, thoroughly clean the knocker and chains to remove all debris, grease, and residue. Use water and a stiff brush if necessary.
- **Inspection:** Regularly inspect the chains for wear, damage, or missing links. Check the attachment point for any signs of fatigue or damage.

- **Storage:** Store the knocker in a clean, dry place, away from corrosive materials and extreme temperatures.
- **Replacement:** Replace the knocker if the chains are excessively worn, damaged, or if the attachment mechanism is compromised.

7. Troubleshooting

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Knocker not cleaning effectively	Worn chains; incorrect pipe size; severe blockage.	Inspect and replace chains if worn. Ensure knocker is sized for the pipe. For severe blockages, multiple passes or different tools may be required.
Knocker gets stuck in pipe	Excessive force; pipe obstruction; knocker too large for pipe.	Retract slowly. Do not force. Verify pipe diameter. If stuck, try rotating in reverse (if FlexShaft machine allows) or gently working it free.
Knocker detaches from cable	Improper attachment; damaged cable end or knocker connection.	Ensure secure attachment as per setup instructions. Inspect cable end and knocker for damage; replace if necessary.

8. Specifications

- **Model:** RIDGID 66623
- **Product Type:** 3-Chain Knocker
- **Compatible Cable Size:** 3/8 inch FlexShaft Cable
- **Compatible Cleaner Series:** RIDGID K9-306 FlexShaft Machine
- **Minimum Drain Line Inside Diameter:** 4 inches
- **Maximum Drain Line Inside Diameter:** 5 inches
- **Application:** Pipe Wall Cleaning, Soft Blockages, Grease
- **Cutter Length:** 4 inches
- **Item Weight:** 1 pound
- **Manufacturer:** Ridgid

9. Warranty and Support

For information regarding the warranty of your RIDGID product, please refer to the warranty documentation provided with your RIDGID K9-306 FlexShaft Machine or visit the official RIDGID website. For technical support, replacement parts, or service inquiries, please contact RIDGID customer service or an authorized service center.
RIDGID Official Website: www.ridgid.com

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