

[Manuals.plus](#) /

> [KoelAp](#) /

> KoelAp DM985YL Donper Ice Cream Machine Spout Pressure Rod Spring Installation and Maintenance Guide

KoelAp DM985YL

KoelAp DM985YL Donper Ice Cream Machine Spout Pressure Rod Spring Installation and Maintenance Guide

Model: DM985YL

INTRODUCTION

This instruction manual provides essential information for the proper installation and maintenance of the KoelAp DM985YL Spout Pressure Rod Springs, designed for compatibility with Donper Ice Cream Machines. Please read this guide thoroughly before attempting any installation or maintenance procedures to ensure correct operation and longevity of your equipment.

SAFETY INFORMATION

- Always disconnect the ice cream machine from its power source before performing any installation, maintenance, or cleaning.
- Wear appropriate personal protective equipment, such as gloves, to prevent injury during handling of parts.
- Ensure all parts are correctly installed and secured before re-connecting power and operating the machine.
- If you are unsure about any step, consult a qualified technician or the machine's original service manual.
- Keep small parts away from children.

PACKAGE CONTENTS

Your package should contain the following items:

- 2 x KoelAp DM985YL Spout Pressure Rod Springs



Image 1: Two KoelAp DM985YL Spout Pressure Rod Springs. These are coiled metal springs with extended ends, designed to provide pressure for the ice cream machine spout mechanism.

INSTALLATION INSTRUCTIONS

Follow these steps to replace the spout pressure rod springs in your Donper Ice Cream Machine:

1. **Power Disconnection:** Ensure the ice cream machine is completely unplugged from the power outlet.
2. **Access the Spout Assembly:** Depending on your specific Donper model, you may need to remove the front panel or the spout assembly itself. Refer to your machine's original manual for detailed instructions on accessing this area.
3. **Locate Old Springs:** Identify the existing spout pressure rod springs. These are typically located around the pressure rods that control the flow of ice cream.
4. **Remove Old Springs:** Carefully remove the old springs. Note their orientation and how they were seated, as the new springs will need to be installed in the same manner.
5. **Install New Springs:** Place the new KoelAp DM985YL springs onto the pressure rods. Ensure they are seated correctly and provide the necessary tension. The springs should fit snugly and allow for smooth movement of the pressure rod.
6. **Reassemble:** Reassemble the spout assembly and any panels that were removed. Ensure all components are securely fastened.
7. **Test Functionality:** Once reassembled, plug the machine back in and perform a test run (e.g., with water) to ensure the spout mechanism operates smoothly and without leaks.



Image 2: A closer view of the two KoelAp DM985YL Spout Pressure Rod Springs, showing their coiled structure and bent ends for attachment within the ice cream machine's spout mechanism.

FUNCTIONALITY

The KoelAp DM985YL Spout Pressure Rod Springs are critical components in the Donper Ice Cream Machine's dispensing mechanism. They provide the necessary tension to ensure the spout closes properly after dispensing, preventing drips and maintaining hygienic operation. Proper spring tension is essential for consistent product flow and preventing leakage.

MAINTENANCE

- **Regular Inspection:** Periodically inspect the springs for signs of wear, corrosion, or deformation. Worn springs can lead to improper spout closure and leakage.
- **Cleaning:** When cleaning the ice cream machine's spout assembly, ensure the springs are also cleaned to remove any residue that could impede their function. Use mild, food-safe cleaning solutions as recommended by the ice cream machine manufacturer.
- **Replacement:** Replace springs immediately if they show signs of damage or if the spout mechanism is not functioning correctly due to insufficient tension.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Spout drips after dispensing.	Worn, damaged, or incorrectly installed pressure rod springs.	Inspect and replace springs if necessary. Ensure springs are installed correctly and provide adequate tension.

Problem	Possible Cause	Solution
Spout difficult to open or close.	Springs are binding or incorrectly seated.	Remove and re-seat the springs, ensuring they move freely on the pressure rods. Check for any obstructions.
Inconsistent product flow.	Uneven tension from springs or damaged springs.	Inspect both springs for consistent tension and replace if one appears weaker or damaged.

SPECIFICATIONS

Model	DM985YL
Brand	KoelAp
Compatibility	Donper Ice Cream Machines (specific models may vary, verify with your machine's manual)
Package Quantity	2 Pieces
Item Weight	50 Grams (total for package)
Material	High-strength material (as per product description)

WARRANTY AND SUPPORT

This product is provided with **No Warranty** as per manufacturer specifications. For any questions regarding compatibility or installation, please contact the seller directly through your purchase platform.