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Reelcraft S600069-1

Reelcraft S600069-1 Aluminum Latch Pawl Assembly

INSTRUCTION MANUAL

Brand: Reelcraft | Model: S600069-1

1. Product Overview

The Reelcraft S600069-1 is an aluminum latch pawl assembly designed for use with specific Reelcraft hose reels. This component is crucial for the proper latching mechanism of the reel, ensuring the hose remains extended at desired lengths. It features a durable aluminum body and a stainless steel bolt for reliable performance and corrosion resistance.



Figure 1: Reelcraft S600069-1 Aluminum Latch Pawl Assembly. This image displays the complete assembly, highlighting its aluminum construction and the integrated stainless steel bolt. The part number '260069' is visible on the side of the pawl, indicating its specific identification.

2. Safety Information

Always observe the following safety precautions when handling, installing, or maintaining the latch pawl assembly:

- Ensure the hose reel is de-pressurized and disconnected from any power source before beginning installation or maintenance.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, to prevent injury.
- Refer to the main hose reel's instruction manual for specific safety guidelines related to the overall unit.
- Do not attempt to modify the assembly. Use only genuine Reelcraft replacement parts.
- Keep small parts away from children.

3. Setup and Installation

This section outlines the general steps for replacing or installing the S600069-1 latch pawl assembly. Specific installation procedures may vary slightly depending on the exact hose reel model. Always consult your specific hose reel's service manual for detailed instructions.

1. **Preparation:** Ensure the hose reel is fully retracted and secured. Disconnect any air, water, or electrical supply to the reel.
2. **Access:** Depending on the reel model, you may need to remove a cover or side panel to access the latching mechanism.
3. **Remove Old Pawl:** Carefully identify the existing latch pawl assembly. Note its orientation. Remove any retaining pins, bolts, or clips securing the old pawl. Keep track of all hardware.
4. **Install New Pawl:** Position the new S600069-1 latch pawl assembly in the same orientation as the one removed. Ensure the stainless steel bolt aligns correctly with its mounting point.
5. **Secure:** Reinstall all retaining pins, bolts, or clips to secure the new pawl assembly firmly in place. Ensure all connections are tight but do not overtighten.
6. **Reassemble:** Replace any covers or panels that were removed.
7. **Test:** Slowly pull out the hose to verify that the latching mechanism engages and disengages properly at various lengths. Ensure the pawl moves freely and securely.

4. Operating Instructions

The S600069-1 latch pawl assembly is an integral part of the hose reel's automatic latching system. Its operation is passive and automatic, engaging when the hose is pulled out and released at specific intervals.

- **Latching:** To latch the hose at a desired length, slowly pull the hose out. You will hear and feel the latching mechanism engage at regular intervals. Stop pulling when the desired length is reached.
- **Unlatching:** To unlatch and retract the hose, pull the hose out slightly further (approximately 6-12 inches) until the latch mechanism disengages. The hose will then retract automatically. Guide the hose during retraction to prevent tangling or damage.

Note: The latch pawl assembly itself does not require direct user interaction during normal operation. Its function is entirely dependent on the hose reel's internal spring and ratchet mechanism.

5. Maintenance

Regular inspection and maintenance of the latch pawl assembly can extend its lifespan and ensure reliable operation of your hose reel.

- **Periodic Inspection:** Visually inspect the latch pawl assembly periodically (e.g., monthly or quarterly, depending on usage) for signs of wear, damage, or corrosion. Check for any looseness in its mounting.
- **Cleaning:** Keep the area around the latching mechanism clean and free of debris, dirt, or excessive grease

buildup. A clean, dry cloth can be used. Avoid using harsh chemicals that could damage the aluminum or stainless steel.

- **Lubrication:** Lightly lubricate the pivot points of the pawl and the ratchet teeth (if accessible) with a light machine oil or silicone spray as recommended by your hose reel's manufacturer. Do not over-lubricate, as this can attract dirt.
- **Replacement:** If the pawl assembly shows significant wear, bending, cracking, or if the latching mechanism becomes unreliable, replace the S600069-1 assembly immediately to prevent further damage to the hose reel or potential safety hazards.

6. Troubleshooting

If you experience issues with the latching mechanism of your hose reel, the S600069-1 latch pawl assembly may be a contributing factor. Here are some common issues and potential solutions:

Problem	Possible Cause	Solution
Hose does not latch.	Pawl is stuck or obstructed. Pawl is worn or damaged. Ratchet teeth are worn or damaged.	Clean the pawl and surrounding area. Inspect the pawl for damage; replace if necessary. Inspect ratchet teeth; if damaged, the entire reel mechanism may need service or replacement.
Hose does not retract.	Pawl is stuck in the latched position. Spring mechanism of the reel is faulty.	Pull hose out slightly to disengage pawl. Clean and lubricate pawl. This indicates an issue with the main reel spring, not the pawl. Consult reel service manual.
Pawl appears loose or wobbly.	Mounting bolt/pin is loose or worn. Pawl body is damaged.	Tighten mounting hardware. If worn, replace the S600069-1 assembly. Replace the S600069-1 assembly.

If problems persist after attempting these solutions, it may indicate a more complex issue with the hose reel itself. Contact Reelcraft customer support or a qualified service technician.

7. Specifications

Attribute	Value
Manufacturer	Reelcraft
Part Number	S600069-1
Item Weight	1 pounds
Item Package Quantity	1
Material	Aluminum (Pawl), Stainless Steel (Bolt)
ASIN	B0D9KQMTPR
Date First Available	July 16, 2024

8. Warranty and Support

For specific warranty information regarding the Reelcraft S600069-1 Aluminum Latch Pawl Assembly, please refer to the warranty policy provided with your original Reelcraft hose reel or visit the official Reelcraft website. As a replacement part, its warranty may be tied to the original product's warranty period or a separate limited warranty. For technical support, replacement parts, or further assistance, please contact Reelcraft Customer Service:

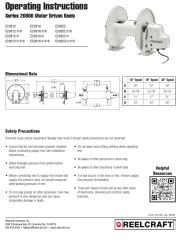
- **Website:** www.reelcraft.com
- **Contact Information:** Refer to the "Contact Us" section on the official Reelcraft website for phone numbers and email addresses.

When contacting support, please have your product model number (S600069-1) and any relevant hose reel model information readily available.

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Related Documents - S600069-1

 Reelcraft Series CU Air Hose Reels Operating Instructions Comprehensive operating instructions for Reelcraft Series CU Air Hose Reels, including model numbers CU6050LN and CU6100LN. This guide details product specifications, essential safety precautions, unpacking procedures, step-by-step installation guidance, and warranty information for industrial and professional use.
 Reelcraft Series 30000 Hand Crank Hose Reels: Operating Instructions and Specifications Comprehensive operating instructions, safety guidelines, installation procedures, and parts information for the Reelcraft Series 30000 Hand Crank Hose Reels. Includes dimensional data and model numbers CA38106 M, CA38112 M, and CA38118 M.
 Reelcraft Series 5000 Spring Driven Hose Reels: Operating Instructions & Specifications Comprehensive operating instructions, safety guidelines, installation, mounting, lubrication, hose replacement, adjustments, and repair procedures for Reelcraft Series 5000 Spring Driven Hose Reels. Includes detailed parts list and model specifications.
 Reelcraft Series L 4000 Spring Driven Cord Reels Operating Instructions Operating instructions, safety precautions, installation guides, and troubleshooting tips for Reelcraft Series L 4000 spring-driven cord reels. Includes detailed parts lists and model information.

 <p>Operating Instructions Series 20000 Motor Driven Reels</p> <p>Dimensional Data</p> <p>Safety Precautions</p> <p>Table of Contents</p> <p>REELCRAFT</p>	<p><u>Reelcraft Series 20000 Motor Driven Reels: Operating, Installation, and Service Instructions</u></p> <p>Comprehensive guide for Reelcraft Series 20000 Motor Driven Reels, covering operating instructions, installation procedures, safety precautions, service, and parts lists. Includes dimensional data and model specifications.</p>
 <p>OPERATING INSTRUCTIONS FOR SERIES 30000 HOSE REELS</p> <p>REELCRAFT</p> <p>Table of Contents</p>	<p><u>Reelcraft Series 30000 Hose Reels: Operating Instructions and Parts List</u></p> <p>Comprehensive guide for Reelcraft Series 30000 hose reels, covering installation, operation, safety, and parts identification. Includes model number significance and troubleshooting.</p>