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Precision Lock PLS19BCR

Precision Lock PLS19BCR User Manual

Model: PLS19BCR

PRODUCT OVERVIEW

The Precision Lock PLS19BCR is a concealed magnetic catch designed as an effective and silent replacement for traditional door ball catches. It provides a secure hold for doors while allowing for quiet operation, making it ideal for various applications including cabinet doors and interior doors where noise reduction is desired. This kit includes all necessary components for installation and adjustment.

PRODUCT CONTENTS

The PLS19BCR kit comes with the following components:

- Concealed Magnetic Catch Unit
- Strike Plate (2-1/8" x 1-3/8")
- Catch Plate (2-1/8" x 1-0")
- Power Adjustment Spacer Plates
- Drill-in Rubber Buffers
- Mounting Screws



Image: The Precision Lock PLS19BCR kit, showing the concealed magnetic catch, strike plate, catch plate, power adjustment spacer plates, and drill-in rubber buffers in their packaging.

INSTALLATION GUIDE

Follow these steps for proper installation of your Precision Lock PLS19BCR magnetic catch. This product is designed to replace existing ball catches, often without extensive modification.

Replacing an Existing Ball Catch

1. **Remove Old Hardware:** Carefully remove the existing ball catch from the door frame and the strike plate from the door edge. Clean the area thoroughly.
2. **Prepare Door Frame:** The PLS19BCR catch unit is designed to fit into a standard 2-1/8" x 1-0" opening. If your existing ball catch opening is different, minor chiseling may be required to achieve the correct dimensions. Ensure the opening is clean and free of debris.
3. **Install Catch Unit:** Insert the concealed magnetic catch unit into the prepared opening in the door frame. Secure it using the provided mounting screws. Ensure it is flush with the frame surface.
4. **Prepare Door Edge:** The PLS19BCR strike plate is 2-1/8" x 1-3/8". If replacing an old strike plate, ensure the mortise on the door edge matches these dimensions. Minor adjustments may be necessary.
5. **Install Strike Plate:** Attach the strike plate to the edge of the door, aligning it with the magnetic catch unit in the frame. Secure it with the provided screws.
6. **Test Alignment:** Close the door slowly to ensure the strike plate aligns correctly with the magnetic catch. Adjust as needed.

Adjusting Magnetic Strength

The kit includes power adjustment spacer plates. These can be inserted behind the magnetic catch unit or the strike plate to fine-tune the magnetic pull. Experiment with different numbers of spacers to achieve the desired holding strength for your door.

Reducing Noise with Rubber Buffers

Drill-in rubber buffers are provided to further reduce noise when the door closes. Drill small pilot holes in the door frame or door edge where the door makes contact when closed, and gently insert the rubber buffers. These act as soft stops, preventing direct wood-on-wood or metal-on-wood contact.

OPERATING INSTRUCTIONS

The Precision Lock PLS19BCR operates by utilizing magnetic force to hold the door securely in a closed position. When the door is closed, the strike plate on the door edge makes contact with the concealed magnetic catch in the frame, creating a strong, silent hold. To open the door, simply apply gentle pressure to pull it away from the frame. The magnetic release is smooth and quiet, eliminating the loud "clunk" associated with traditional ball catches.

MAINTENANCE

The Precision Lock PLS19BCR is designed for long-lasting, maintenance-free operation. No lubrication or regular adjustments are typically required. If dust or debris accumulates around the catch or strike plate, simply wipe it clean with a dry or slightly damp cloth. Avoid using harsh chemical cleaners, which may damage the finish.

TROUBLESHOOTING

Problem	Solution
Door does not hold securely.	<ul style="list-style-type: none">◦ Ensure the catch and strike plate are perfectly aligned.◦ Add more power adjustment spacer plates to increase magnetic strength.◦ Check for any obstructions preventing full contact.
Door is too difficult to open.	<ul style="list-style-type: none">◦ Remove one or more power adjustment spacer plates to decrease magnetic strength.
Door makes noise when closing.	<ul style="list-style-type: none">◦ Ensure drill-in rubber buffers are properly installed.◦ Check for any loose components or misalignments.

SPECIFICATIONS

Model Number	PLS19BCR
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Manufacturer	Precision Lock
Part Number	PLS19BCR
Item Weight	4.6 ounces
Product Dimensions	2.6 x 1 x 2.6 inches
Country of Origin	New Zealand
Item Package Quantity	1
Strike Detail	2-1/8" x 1-3/8"
Catch Detail	2-1/8" x 1-0"

WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your Precision Lock PLS19BCR, please refer to the official Precision Lock website or contact their customer service directly. Specific warranty terms and support contact details are typically provided with your purchase documentation.