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Amazon Basics AB-4012

Amazon Basics AB-4012 Soft Close Cabinet Hinges Instruction Manual

Model: AB-4012 | Brand: Amazon Basics

Introduction Package Contents Safety Information Installation Adjustment Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

Thank you for choosing Amazon Basics Soft Close Cabinet Hinges. This manual provides essential information for the proper installation, operation, and maintenance of your new hinges. These 1/2 inch overlay hinges are designed for cabinet doors, featuring a nickel-plated steel construction and a soft-close mechanism to prevent slamming.

2. Package Contents

Ensure all items are present before beginning installation:

- 25 x Amazon Basics Soft Close Cabinet Hinges (1/2 Inch Overlay, Nickel Plated Steel)
- Mounting screws (appropriate quantity for 25 hinges)

3. Safety Information

Always exercise caution when working with tools and hardware. Wear appropriate personal protective equipment, such as safety glasses, during installation. Keep small parts and screws away from children. Ensure the cabinet structure is sound and capable of supporting the door and hinge assembly.

4. Installation

These hinges are designed for 1/2 inch overlay cabinet doors. Proper measurement of your cabinet door overlay is crucial before installation to ensure correct fit and function.

4.1 Determining Overlay Type

Before installing, confirm your cabinet door's overlay type. A 1/2 inch overlay means the cabinet door overlaps the cabinet frame by 1/2 inch on the hinge side when closed.

4.2 Mounting the Hinges

1. **Prepare the Cabinet Door:** If replacing existing hinges, remove the old hardware. For new installations, mark the hinge cup locations on the back of the cabinet door. The standard distance for the hinge cup from the edge of the door is typically 13/16 inches (approximately 20.6 mm).
2. **Drill Hinge Cup Holes:** Using an appropriate Forstner bit (typically 35mm), drill the hinge cup holes to the recommended depth. Ensure not to drill through the front of the door.
3. **Attach Hinges to Door:** Place the hinge cup into the drilled hole and secure it with the provided screws.
4. **Mount to Cabinet Frame:** Position the cabinet door onto the cabinet frame, aligning the hinge arm with the desired mounting location on the interior cabinet wall. Mark the screw holes.
5. **Secure Hinges:** Attach the hinge arm to the cabinet frame using the remaining mounting screws.



Figure 1: Side view of the Amazon Basics Soft Close Cabinet Hinge. This image shows the hinge in a partially open position, highlighting its nickel-plated steel construction and the mechanism that allows for soft closing.



Figure 2: Open view of the Amazon Basics Soft Close Cabinet Hinge. This perspective displays the hinge's internal components and screw points, indicating how it attaches to both the cabinet door and the cabinet frame.

5. Adjustment

The hinges feature adjustable screws for 3-way mounting refinement, allowing you to fine-tune the door's position after installation.

- **Depth Adjustment:** Adjusts how close the door sits to the cabinet frame.
- **Side-to-Side Adjustment:** Adjusts the gap between the door and the adjacent cabinet or door.
- **Height Adjustment:** Adjusts the vertical alignment of the door.

Turn the adjustment screws incrementally and observe the effect on the door's alignment until the desired position is achieved.



Figure 3: Close-up view of the adjustment mechanism on the Amazon Basics Soft Close Cabinet Hinge. This image highlights the screws used for fine-tuning the door's position and alignment after installation.

6. Operation

The Amazon Basics Soft Close Cabinet Hinges are designed to slow down the closing motion of your cabinet doors, preventing abrupt slamming. When closing the door, the integrated soft-close mechanism engages, gently pulling the door shut in the final few inches of its travel.

Note: The effectiveness of the soft-close feature can vary based on the weight and size of the cabinet door, as well as the force applied when closing. For heavier doors, using additional hinges may improve the soft-close performance.

7. Maintenance

To ensure the longevity and smooth operation of your hinges:

- **Cleaning:** Wipe hinges periodically with a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals that could damage the nickel-plated finish.
- **Lubrication:** The hinges are designed for maintenance-free operation. Do not apply lubricants unless specifically instructed by the manufacturer, as this may interfere with the soft-close mechanism.
- **Tightening:** Periodically check and tighten all mounting screws to ensure the hinges remain securely attached to both the door and the cabinet frame. Do not overtighten.

8. Troubleshooting

Problem	Possible Cause	Solution
Door slams shut / Soft-close not working effectively.	Door is too heavy for the number of hinges. Soft-close mechanism is worn or faulty. Hinges are not properly adjusted.	Consider adding an additional hinge for heavier doors. Ensure hinges are correctly installed and adjusted (refer to Section 5). If issues persist, contact customer support.
Door is misaligned or has an uneven gap.	Hinges are not properly adjusted. Mounting screws are loose.	Adjust the hinges using the 3-way adjustment screws (refer to Section 5). Tighten all mounting screws.
Hinge squeaks or makes noise.	Dirt or debris in the mechanism. Loose screws.	Clean the hinge thoroughly. Tighten all mounting screws.

9. Specifications

Feature	Detail
Model Number	AB-4012
Brand	Amazon Basics
Material	Nickel, Steel
Finish Type	Nickel
Mounting Type	Door Mount
Overlay Type	1/2 Inch Overlay
Hole Count	2
Unit Count	25.0 Count
Item Weight	0.08 Kilograms (per hinge)
GTIN (UPC)	841710164800

10. Warranty and Support

For warranty information or customer support, please refer to the Amazon Basics official website or contact Amazon customer service directly. Keep your purchase receipt for warranty claims.

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