

WZPgSkC3Pd7XwgUV

# Heavy Duty Drawer Slides User Manual

Model: WZPgSkC3Pd7XwgUV

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Generic Heavy Duty Drawer Slides. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

These drawer slides are designed for various applications including kitchen cabinets, office furniture, wardrobes, and other custom furniture, offering smooth and quiet operation with options for damping buffer or rebound mechanisms.

## 2. PRODUCT OVERVIEW

The Generic Heavy Duty Drawer Slides are constructed from cold-rolled steel using a stamping process, ensuring durability and strength. They feature a three-section design for full extension and come in various types to suit different needs.

### 2.1 Key Features

- **Material:** Cold Rolled Steel
- **Process:** Stamping
- **Function:** Damping Buffer or Rebound (Self-priming)
- **Design:** Three-section full extension
- **Smooth Operation:** Solid stainless steel beads for quiet performance.
- **Safety:** Damping buffer prevents pinched fingers; rebound mechanism allows for handle-less opening.

### 2.2 Available Types and Sizes

The drawer slides are available in different configurations and lengths:

- **Damping Buffer:** 10 inch, 12 inch, 14 inch, 16 inch, 18 inch, 20 inch
- **Rebound (45 Rebound):** 10 inch, 12 inch, 14 inch, 16 inch, 18 inch, 20 inch
- **Regular (4510 Regular):** 10 inch, 12 inch, 14 inch, 16 inch, 18 inch, 20 inch

Each package includes one set (2 pieces) of drawer slides.



Figure 2.1: A single heavy-duty drawer slide, showcasing its three-section design and robust construction.

# Choose from a variety of slides

Meet your needs



**rebound**



**routine**



**buffer**

Figure 2.2: Visual comparison of the three available types of drawer slides: Rebound, Routine (Regular), and Buffer, allowing users to choose based on their specific needs.

# Six advantages

Have to say



Solid steel ball



Anti falling device



Three section rail



Disassembly device



High precision material



Strong bearing capacity

Figure 2.3: Diagram illustrating six key advantages of the drawer slides, including solid steel ball bearings for smooth operation, an anti-falling device, a three-section rail for full extension, a disassembly device for easy removal, high-precision material, and strong bearing capacity.

## 3. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your drawer slides. Follow these steps carefully.

### 3.1 Tools Required

- Measuring Tape
- Pencil
- Drill
- Screwdriver (Phillips head recommended)
- Level
- Screws (typically included with slides, verify quantity)

### 3.2 Installation Steps

1. **Separate the Slides:** The drawer slides consist of three parts: the cabinet member (outermost), the

intermediate member, and the drawer member (innermost). Fully extend the slide and press the release lever (usually a black plastic lever) to separate the drawer member from the rest of the slide.

## 2. **Install Cabinet Member:**

- Determine the desired height for your drawer. Mark the mounting line on the inside of the cabinet or drawer opening. Use a level to ensure the line is perfectly horizontal.
- Align the cabinet member of the slide with the marked line. Ensure the front end of the slide is flush with the front edge of the cabinet opening (or recessed as per your design).
- Mark the screw hole locations. Drill pilot holes if necessary, then secure the cabinet member using appropriate screws. Repeat for the other side of the cabinet, ensuring both cabinet members are parallel and at the same height.

## 3. **Install Drawer Member:**

- Align the drawer member of the slide with the side of your drawer box. Ensure the front end of the slide is flush with the front edge of the drawer box.
- Mark the screw hole locations. Drill pilot holes if necessary, then secure the drawer member using appropriate screws. Repeat for the other side of the drawer box.

## 4. **Reassemble the Drawer:**

- Extend the intermediate member of the cabinet-mounted slides.
- Carefully align the drawer member (attached to the drawer box) with the intermediate member on both sides.
- Gently push the drawer into the cabinet. You should feel a slight resistance as the ball bearings engage, and then the drawer should slide smoothly into place. Listen for a click, indicating the slides are fully engaged.

5. **Test Operation:** Open and close the drawer several times to ensure smooth operation and proper alignment. Adjust if necessary.

# Buffer mute out of the ordinary

## MULTIPLE OPTIONS

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## Many options



Figure 3.1: Exploded view of the drawer slide components, illustrating the cabinet member, intermediate member, and drawer member, and their assembly points.

# Various guide rails

Choose the right life



Figure 3.2: Detailed view of different guide rails, highlighting features such as solid steel ball bearings, buffer damper, surface treatment, rebound device, and anti-falling device, which are crucial for proper installation and function.

## 4. OPERATING INSTRUCTIONS

Once installed, operating the drawer slides is straightforward. The specific behavior will depend on whether you have the damping buffer or rebound type.

### 4.1 Damping Buffer Slides

- **Closing:** When closing the drawer, push it gently until the damping mechanism engages. The drawer will then slowly and quietly pull itself fully closed, preventing slamming and protecting contents.
- **Opening:** Simply pull the drawer open. The slides will extend smoothly.

### 4.2 Rebound (Push-to-Open) Slides

- **Opening:** To open a drawer with rebound slides, gently push the drawer inward. The rebound mechanism will then push the drawer outward, allowing you to pull it open fully. This feature eliminates the need for external handles.

- **Closing:** Push the drawer inward until it clicks into place. The self-priming function will ensure it stays closed.

### 4.3 General Operation

- Avoid forcing drawers open or closed if they encounter resistance. Check for obstructions or misalignment.
- Do not overload drawers beyond their specified weight capacity (refer to specifications).



Figure 4.1: Illustration demonstrating the "Bounce, Buffer, Regular" options, highlighting the silent and noiseless operation of the slides, particularly the rebound (push-to-open) and buffer (soft-close) mechanisms.

## 5. MAINTENANCE

These drawer slides are designed for low maintenance. However, occasional checks can prolong their lifespan and ensure continued smooth operation.

- **Cleaning:** Wipe the slides periodically with a clean, dry cloth to remove dust and debris. For stubborn dirt, a slightly damp cloth can be used, followed by drying.
- **Lubrication:** The ball bearings are typically pre-lubricated and designed for long-term use without additional lubrication. If you notice any squeaking or stiffness after extended use, a small amount of silicone-based

lubricant can be applied to the ball bearings. Avoid oil-based lubricants as they can attract dust.

- **Check Screws:** Periodically check all mounting screws to ensure they are tight. Loose screws can lead to misalignment and poor performance.
- **Inspect for Damage:** Visually inspect the slides for any signs of bending, corrosion, or damage. Replace damaged slides promptly.

## 6. TROUBLESHOOTING

If you encounter issues with your drawer slides, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Drawer sticks or is hard to open/close.	<ul style="list-style-type: none"><li>• Misalignment of slides.</li><li>• Loose mounting screws.</li><li>• Obstruction in the slide mechanism.</li><li>• Overloaded drawer.</li></ul>	<ul style="list-style-type: none"><li>• Check if both slides are parallel and at the same height. Adjust as needed.</li><li>• Tighten all mounting screws on both the cabinet and drawer members.</li><li>• Inspect the slide for any debris or foreign objects and remove them.</li><li>• Reduce the weight in the drawer.</li></ul>
Drawer does not close fully.	<ul style="list-style-type: none"><li>• Obstruction.</li><li>• Misalignment.</li><li>• Damping mechanism issue (for buffer slides).</li></ul>	<ul style="list-style-type: none"><li>• Check for anything blocking the drawer's path.</li><li>• Verify slides are properly aligned and engaged.</li><li>• Ensure the damping mechanism is not damaged or jammed.</li></ul>
Drawer is wobbly.	<ul style="list-style-type: none"><li>• Loose screws.</li><li>• Improper installation.</li></ul>	<ul style="list-style-type: none"><li>• Tighten all mounting screws.</li><li>• Ensure slides are securely attached and parallel.</li></ul>
Rebound (push-to-open) mechanism not working.	<ul style="list-style-type: none"><li>• Mechanism jammed or damaged.</li><li>• Drawer not pushed in far enough to engage.</li></ul>	<ul style="list-style-type: none"><li>• Check for obstructions.</li><li>• Ensure the drawer is pushed firmly inward until the mechanism activates.</li><li>• If damaged, replacement may be necessary.</li></ul>

## 7. SPECIFICATIONS

Detailed technical specifications for the Heavy Duty Drawer Slides:

Attribute	Detail
Product Name	Heavy Duty Drawer Slides / Damping Slide
Model Number	WZPgSkC3Pd7XwgUV
Brand	Generic
Material	Cold Rolled Steel
Process	Stamping

Attribute	Detail
Style	Modern Minimalist
Function Options	Damping Buffer, Rebound (Self-priming)
Available Sizes	10 inch, 12 inch, 14 inch, 16 inch, 18 inch, 20 inch
Package Contents	1 set (2 pieces) of drawer slides
Color (as per product listing)	Buffer (Black/Dark Grey)
Application Scope	Drawer slides, office furniture, custom furniture, kitchen cabinets, wardrobes, desks.

## 8. WARRANTY AND SUPPORT

The manufacturer provides support for any quality or installation issues. While specific warranty terms are not detailed in the product description, the manufacturer encourages customers to reach out for assistance. For any quality or installation problems, please contact the seller or manufacturer directly. They will respond as soon as possible to address your concerns.

*(Specific contact information is not provided in the product data. Please refer to your purchase documentation or the retailer's website for support contacts.)*