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Model: HL-DL01-5piece-BKPS

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1. OVERVIEW

The home improvement direct Passage Lever Door Handle is designed for non-locking applications, providing convenient access in areas such as hallways, closets, and other spaces where security is not a primary concern. Crafted from durable zinc alloy with a matte black finish, this lever handle offers both functionality and a modern aesthetic. Its reversible design ensures compatibility with both left-handed and right-handed doors, simplifying the installation process. The heavy-duty construction and electroplating finish enhance its resistance to scratches and wear, ensuring long-lasting performance.

CONTEMPORARY PASSAGE DOOR LEVER

INTERIOR

Square Door Lever



Square Door Lever

EXTERIOR

Figure 1: Contemporary Passage Door Lever design, illustrating both interior and exterior components.

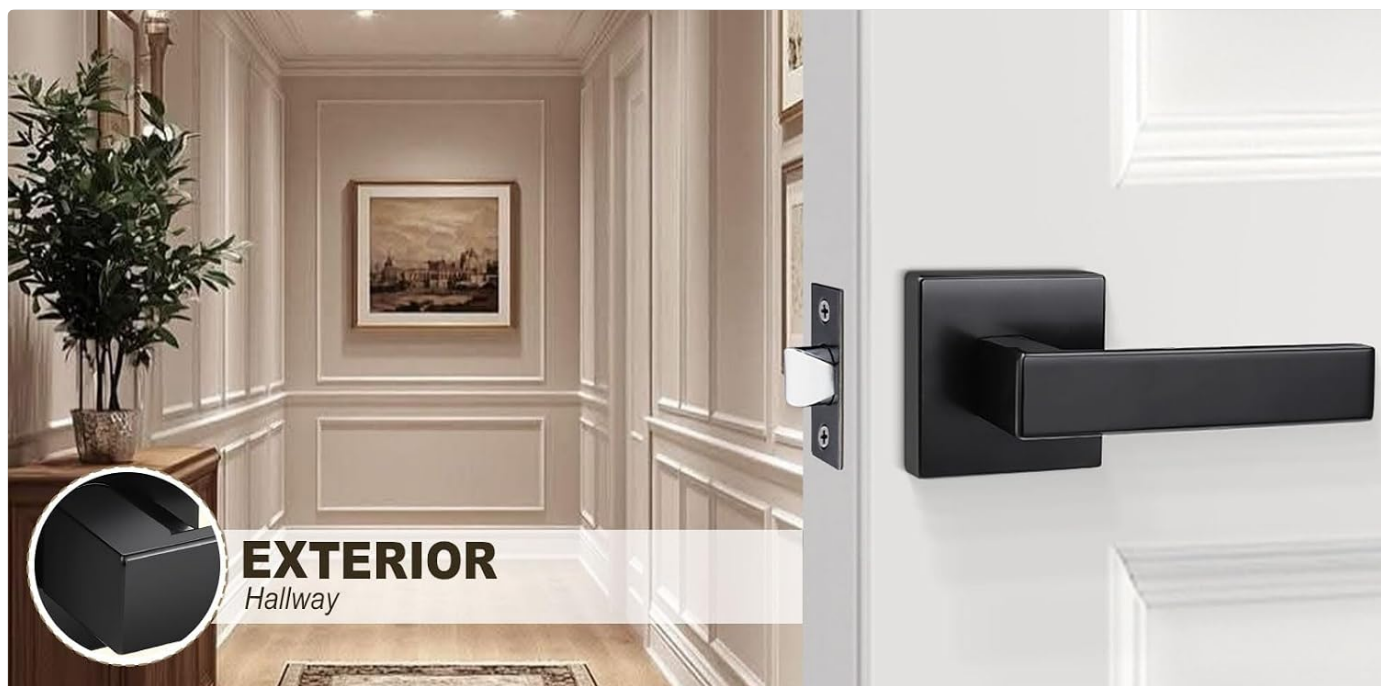


Figure 2: Examples of the passage door lever installed in a hallway and a closet, demonstrating its application in non-locking areas.

2. PACKAGE CONTENTS

Each package contains the following components:

- Door lever (1)
- Adjustable latch (1)
- Screws (7)
- Strike Plate (2)
- Plastic box (2)
- Installation instruction (1)

Package List



Figure 3: All components included in the package for the passage door lever installation.

3. SPECIFICATIONS

Feature	Detail
Material	Zinc Alloy
Rosette Diameter	2-3/5" (65mm)
Lever Length	4.84" (123mm)
Adjustable Latch	2-3/8" or 2-3/4" (60 or 70 mm)
Door Thickness Compatibility	1-3/8" to 1-3/4" (35 to 45mm)
Hole for Latch Diameter	1" diameter

Feature	Detail
Hole for Cylinder Diameter	2-1/8" diameter
Finish	Matte Black (Electroplating)
Hand Orientation	Reversible (Ambidextrous)

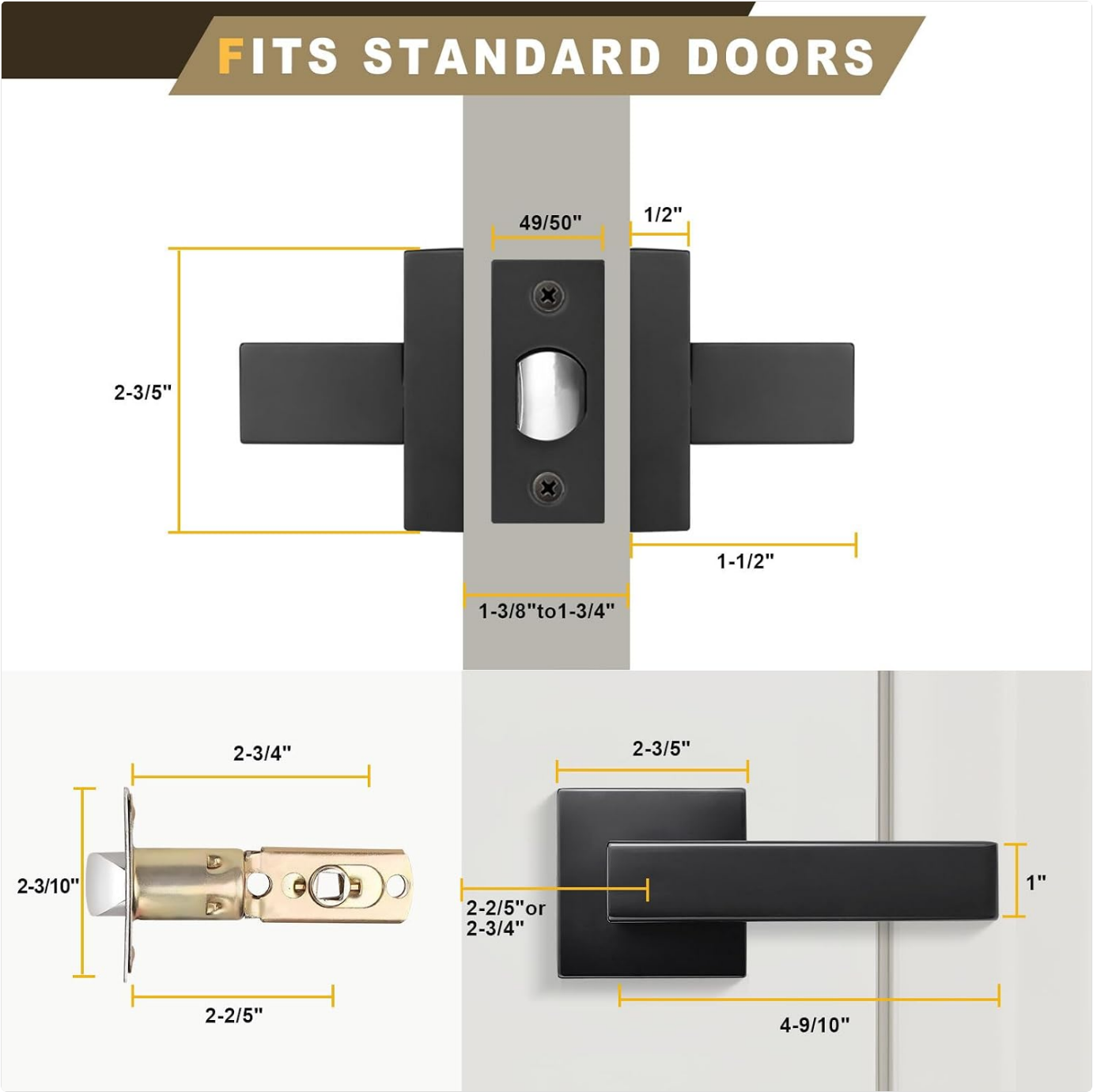


Figure 4: Detailed dimensions for the door lever and latch, indicating compatibility with standard door preparations.

4. INSTALLATION

Installation of the passage door lever is designed to be straightforward and can typically be completed with a screwdriver in a few minutes. Follow these general steps:

- 1. Prepare the Door:** Ensure your door has the correct bore holes for the latch (1" diameter) and cylinder (2-1/8" diameter). The door thickness should be between 1-3/8" and 1-3/4".

2. **Install the Latch:** Insert the adjustable latch into the door edge. The square plate on the latch is non-removable. Secure it with screws. You may need to adjust the latch backset to either 2-3/8" or 2-3/4" (60mm or 70mm) to match your door's existing preparation.
3. **Attach the Levers:** If the long screws connecting the levers are pre-installed in the pillars of the door lever, unscrew them before proceeding. Align the interior and exterior lever assemblies with the latch mechanism and the door holes.
4. **Secure the Levers:** Insert the long screws through the interior lever assembly and thread them into the exterior lever assembly, ensuring a snug fit.
5. **Install Strike Plate:** Attach the strike plate to the door frame, aligning it with the latch bolt.
6. **Test Operation:** Verify that the lever operates smoothly and the latch retracts and extends correctly.

The reversible design allows for easy adjustment to suit both left-handed and right-handed door orientations.

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Video 1: Installation instructions for a round door lever, demonstrating general steps applicable to lever handle installation.

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Video 2: Overview of black passage door handles, showing components and installation process.

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Video 3: Demonstration of a matte black square heavy-duty passage door handle, highlighting its features and components relevant to installation.

5. OPERATION

The home improvement direct Passage Lever Door Handle is designed for simple, non-locking operation. To open a door equipped with this lever:

1. **Grasp the Lever:** Hold the lever handle firmly.
2. **Depress the Lever:** Push the lever downwards. This action retracts the latch bolt from the strike plate, allowing the door to open.
3. **Release the Lever:** Once the door is open, release the lever. The latch bolt will automatically extend back into its position.

This passage function allows for easy movement between rooms without the need for keys or locking mechanisms, making it ideal for high-traffic areas or rooms where privacy is not required.

PASSAGE FUNCTION



Figure 5: Illustration of the passage function, demonstrating how the lever operates from both internal and external perspectives.

MAIN FUNCTION



Thumb-turn lock



Adjustable latch



Keyless locking

Figure 6: Key features of the door lever, including the adjustable latch and its keyless locking mechanism (passage function).

6. MAINTENANCE

To ensure the longevity and appearance of your matte black passage door lever, follow these maintenance guidelines:

- **Cleaning:** Wipe the lever and rosette regularly with a soft, damp cloth. Avoid abrasive cleaners, harsh chemicals, or solvents, as these can damage the matte black finish.
- **Lubrication:** If the lever mechanism feels stiff over time, apply a small amount of silicone-based lubricant to the moving parts of the latch bolt and the lever's internal mechanism. Do not use oil-based lubricants, which can attract dust and grime.
- **Tightening Screws:** Periodically check and tighten any loose mounting screws to ensure the lever remains securely attached to the door.
- **Avoid Impact:** Protect the lever from heavy impacts or scratches, which can compromise the finish and structural integrity.

7. TROUBLESHOOTING

If you encounter issues with your passage door lever, consider the following:

- **Lever is loose:** Check if the mounting screws are securely tightened. If the screws connecting the levers were installed in the pillars, ensure they are properly screwed in.
- **Latch does not retract smoothly:**
 - Ensure the latch is installed correctly and not obstructed.
 - Apply a silicone-based lubricant to the latch mechanism.
 - Verify that the door bore holes are correctly sized and aligned.
- **Door does not close properly:**
 - Check the alignment of the strike plate on the door frame. Adjust if necessary.
 - Ensure the latch bolt extends fully when the door is open.
- **Missing parts:** If any parts are missing from your package, please contact customer support for replacement.

Important Note: The square plate on the latch is non-removable. Do not attempt to remove it.

8. WARRANTY AND SUPPORT

For any quality problems, missing parts, or further assistance, please contact home improvement direct customer support. Replacement or refund options are available for quality-related issues.

Please refer to your purchase documentation for specific warranty terms and contact information.

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