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› Dynasty Hardware Push Bar Panic Exit Device (Model DYN-500P-36-AL) Instruction Manual

Dynasty Hardware DYN-500P-36-AL

Dynasty Hardware Push Bar Panic Exit Device

Model: DYN-500P-36-AL

INTRODUCTION

This instruction manual provides detailed guidance for the installation, operation, and maintenance of your Dynasty Hardware Push Bar Panic Exit Device, Model DYN-500P-36-AL. This commercial-grade exit device is designed for emergency exit doors, ensuring safe and reliable egress. It is suitable for use on both wood and metal doors.



Figure 1: Overall view of the Dynasty Hardware Push Bar Panic Exit Device.

PRODUCT FEATURES

- **Commercial Grade:** Rated for commercial use, ideal for office buildings, retail spaces, and hotels.
- **Door Compatibility:** Fits doors between 30 and 36 inches wide. Not suitable for glass doors.
- **Adjustable Length:** The 31-inch overall length can be cut to size to fit specific door requirements.
- **Reversible Design:** Can be installed on either right or left-hand swinging doors.
- **Dogging Feature:** Includes a dogging key to retract the latch, converting the door to a push-pull function for high-traffic areas.
- **Durability:** ANSI Grade 1 approved, exceeding 500,000 cycles.
- **Accessibility:** Complies with ANSI 117.1 for accessible and usable Buildings and Facilities Standards, and is ADA Compliant.

COMPONENTS INCLUDED

Each set includes the following components for installation:

- Interior push pad device (main bar assembly)
- Dogging Key
- Adjustable Roller Latch / Strike Plate
- Mounting Screws and Fasteners

Note: Exterior lever trim is sold separately as this is an exit-only device.

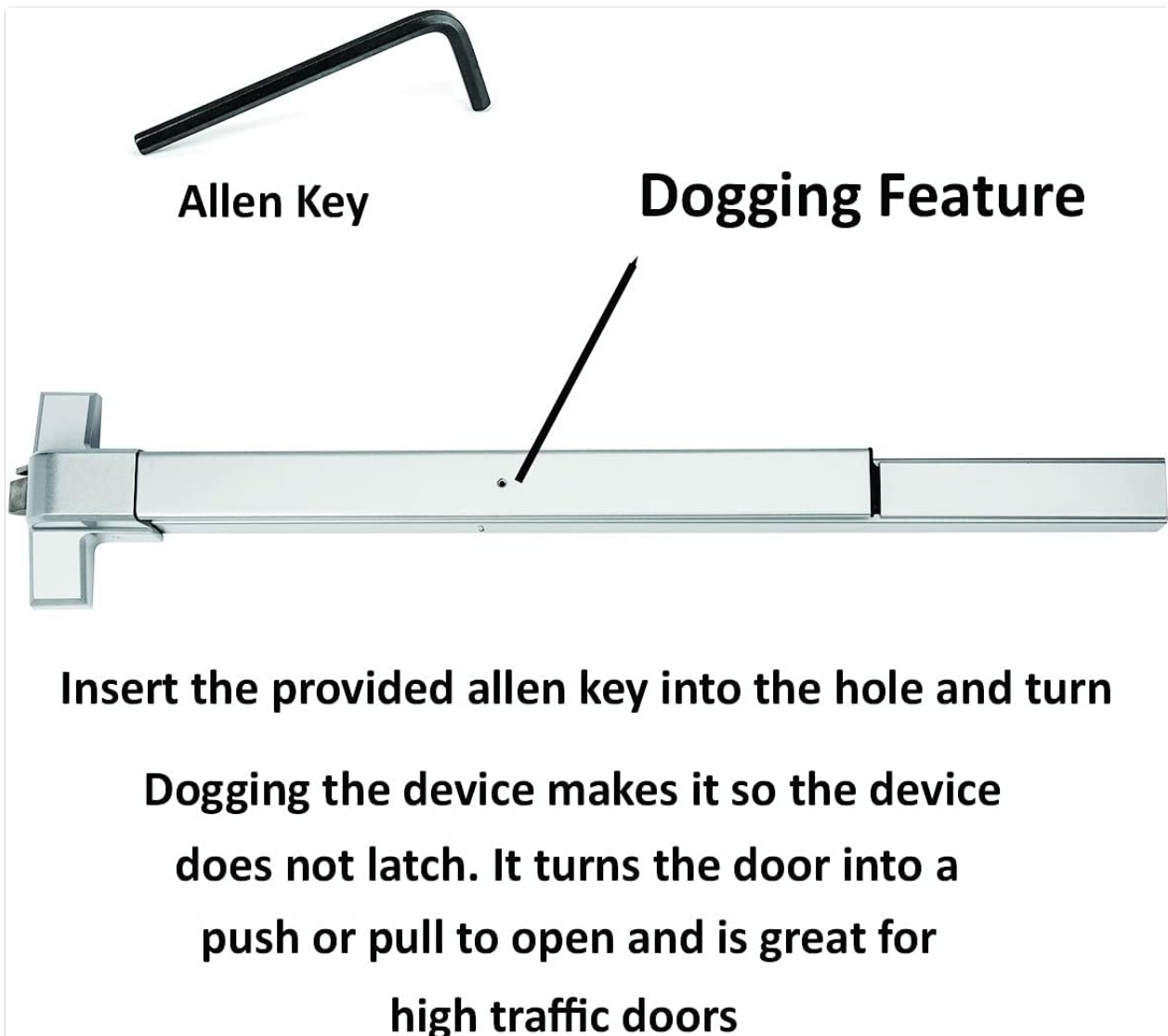


Figure 2: The adjustable roller strike plate, which mounts on the door frame stop.

INSTALLATION

The Dynasty Hardware Push Bar Panic Exit Device is designed for easy installation on wood or metal doors. The device is reversible, allowing it to be mounted on either a right-hand or left-hand swinging door.

Door Preparation

- Ensure your door measures between 30 and 36 inches in width.
- The overall length of the device is 31 inches. It can be cut to size to fit your specific door width.
- Prepare the door and frame according to the provided template (not included in this digital manual, refer to physical packaging for template).



Roller Strike Plate Included

Mounts To Frame With Provided Fasteners

Figure 3: The panic bar has an overall length of 31 inches and is suitable for wood or metal doors between 30 and 36 inches wide. It can be cut to size.

Mounting the Device

1. Position the main push bar assembly on the interior side of the door.
2. Secure the device using the provided screws and fasteners.
3. Install the adjustable roller latch (strike plate) on the door frame stop, ensuring proper alignment with the main device.
4. Test the operation of the push bar to ensure the latch retracts smoothly and the door opens freely.

OPERATION

Standard Operation

To exit, simply push the horizontal bar. This action retracts the latch, allowing the door to open outwards.

Dogging Feature

The dogging feature allows the latch to remain retracted, converting the door into a push-pull function. This is particularly useful for high-traffic areas where the door needs to remain unlatched for extended periods.

1. Locate the dogging hole on the main push bar assembly.
2. Insert the provided dogging key into the hole.
3. Turn the key to retract the latch and hold it in the open position.
4. To re-engage the latch, turn the dogging key in the opposite direction.



Figure 4: Using the provided Allen key to engage the dogging feature, which keeps the latch retracted for push-pull operation.

Video 1: An overview of the Dynasty Hardware Exit Only Panic Exit Device, demonstrating its features and components, including the dogging key and roller latch. This video highlights the device's suitability for wood or metal doors and its reversible design.

MAINTENANCE

To ensure the longevity and proper functioning of your panic exit device, regular maintenance is recommended:

- Periodically inspect all screws and fasteners for tightness. Tighten any loose components.
- Keep the push bar and latch mechanism clean and free from debris.
- Lubricate moving parts with a silicone-based lubricant annually or as needed to maintain smooth operation.
- Check the alignment of the strike plate and adjust if necessary to prevent binding.

TROUBLESHOOTING

If you encounter issues with your panic exit device, consider the following:

- **Door not latching:** Check if the dogging feature is engaged. Ensure the strike plate is correctly aligned and secured. Inspect for any obstructions preventing the latch from extending fully.
- **Stiff operation:** Apply lubricant to the moving parts of the push bar and latch mechanism. Check for any debris or foreign objects impeding movement.
- **Excessive play in the bar:** Inspect all mounting screws and tighten them. Ensure the device is securely fastened to the door.

For persistent issues or complex repairs, it is recommended to contact a qualified locksmith or hardware professional.

SPECIFICATIONS

Brand	Dynasty Hardware
Model Name	DYN-500P-36-AL
Overall Length	31 inches (can be cut to size)
Door Width Compatibility	30 to 36 inches
Material	Aluminum (finish)
Color	Sprayed Aluminum
Lock Type	Exit Only (no exterior key lock included)
Special Feature	Easy to Install, Dogging Feature
Certifications	ANSI Grade 1, ANSI 117.1, ADA Compliant
Item Weight	7.3 Pounds

WARRANTY

This Dynasty Hardware Push Bar Panic Exit Device comes with a **Limited - Lifetime Factory Warranty**. Please refer to the warranty documentation included with your product packaging for full terms and conditions.

SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact Dynasty Hardware customer service. Visit the official Dynasty Hardware website for contact information and additional resources.

Dynasty Hardware Store: [Visit Store](#)