



**BY ACCESSIBILITY PROFESSIONALS**

# **FREEDOM JOURNEY LIFTS LANDING DEVICES - MANUAL #2**



**Customer Support:** 1.877.947.7769  
**Email:** [apsupport@accessibilitypro.com](mailto:apsupport@accessibilitypro.com)

Contents

**Section 1: Introduction** .....1

**Section 2: Safety Information** ..... 1

2.1: Symbols and Definitions ..... 1

2.2: Additional Symbols ..... 1

2.3: Safety Notes ..... 2

**Section 3: Upper Landing Gate** ..... 3

**Section 4: Remote Call Station** ..... 5

**Section 5: Interlock - Customer Supplied Gate**..... 6

### Section 1: Introduction

This supplemental manual has been provided to walk you through the safe and efficient installation of Journey VPL Landing Devices. Please read this manual, as well as the main installation manual, thoroughly before installing and operating your lift. We recommend your lift and any add-ons be installed and serviced by a qualified technician.

### Section 2: Safety Information

#### 2.1: Symbols and Definitions

The following notations will be used through this manual to indicate areas that may present special risks or consideration.

#### **DANGER**

Danger messages indicate an imminently hazardous situation, which, if not avoided, could result in serious injury or even death.

#### **Caution!**



Caution messages indicate a potentially hazardous situation which, if not avoided, could result in serious injury, death, or damage to equipment.

#### **Note**

Note messages provide information, such as reminders, general information or additional guidelines that may provide guidance to the installer.

#### 2.2: Additional Symbols

The following are additional symbols and conventions used through the manual:

	<b>Detail callout</b> , used to call attention to a detailed mentioned in the body of the instructions.		<b>Step Callout</b> , labels which step the given diagram relates to
---	---	---	--

### 2.3: Safety Notes

#### Caution!

Read all instructions thoroughly before installation or use of this lift. Failure to following the instructions in this manual and the associated manuals for testing and operation could result in serious injury or death. In addition, it will render Freedom Lift Systems' warranty null and void. Do not override any of the safety devices provided with the lift. Doing so will likely lead to serious injury or even death.

Ensure there is a minimum of 2in (50mm) and a maximum of 3in (75mm) clearance between any part or edge of the carriage that could possibly be used as a supporting handhold and any part of the fixed installation to prevent the trapping of a hand during the travel of the carriage. See Freedom installation drawings for details.

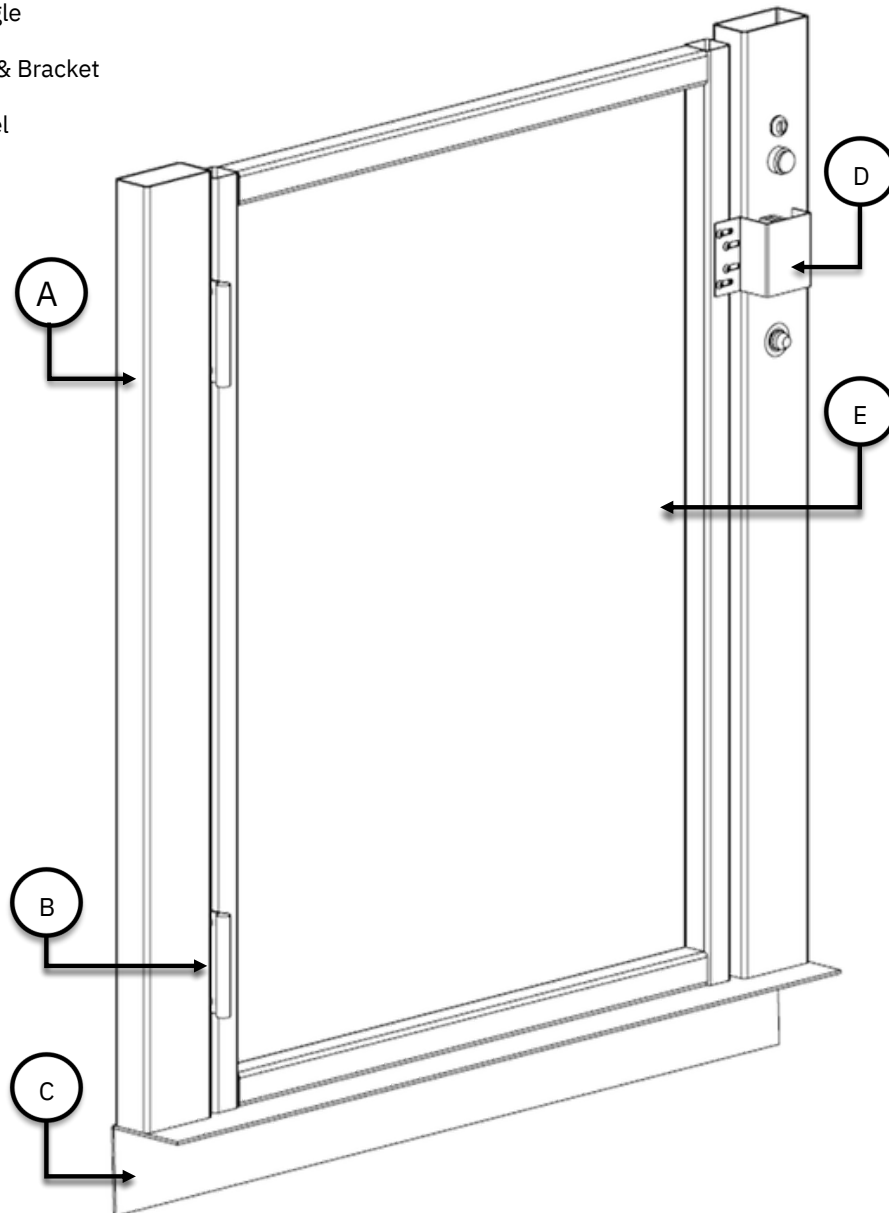
The lift is intended for use by people and not to be used for cargo or other purposes. Lifting capacity is up to a maximum of 750 lb. unless otherwise noted on the lift and in Freedom Lift Systems' supplied documentation. **(DO NOT OVERLOAD THE LIFT)**. Overloading the lift will render Freedom Lift Systems' warranty null and void. Ensure that there is nothing obstructing the carriage travel before operating the lift. Freedom Lift Systems' disclaims any and all liability for any personal injury or property damage resulting from the operation of a product that has been modified from the original design. No person or company is authorized to change the design of the product without written authorization by Freedom Lift Systems'.

Failure to observe and complete the required maintenance for your lift product will render the warranty null and void and may present significant risk that could lead to injury or death.

This list of warnings may not be exhaustive, due care around equipment should be observed

## Section 3: Upper Landing Gate

- A. Upper Landing Gate Frame
- B. Spring Hinge
- C. 4"x4" Angle
- D. Interlock & Bracket
- E. Door Panel



### Materials

Tools		Components	
Name	#	Name	#
• Combination Screwdriver	1	• Lift Assembly	1
• Wire Strippers	1	• Landing Gate & Interlock	1
• Electric Hand Drill	1	• Nylon Tie Straps	1
◦ With bit and tap specifically for your preferred fasteners	1	• Preferred Wire Terminators	7

### Instructions

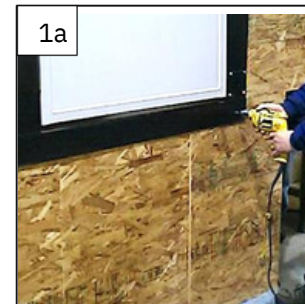
**Note that these steps are to be carried out before moving the lift into position (Section 4.7 in the main manual).**

#### Note

These procedures are not the only method for installing an upper landing gate, just the recommended procedure from Freedom Lift Systems.

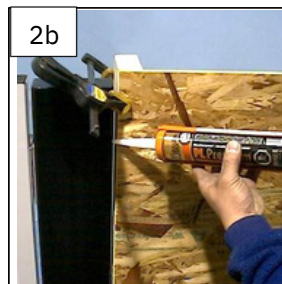
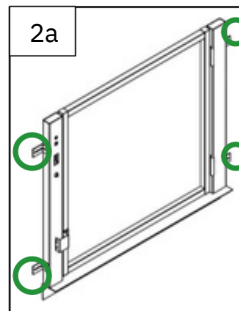
1) Mount the gate to your landing using one of two ways:

- Drill through the 4"x4" angle on the bottom of the door frame and use screws or lag bolts as shown in the diagram on the right, or
- Use a Polyurethane Adhesive to mount the threshold to the upper landing.



2) Mount the Upper Gate Posts to the existing structure in one of two ways:

- Drill and tap four holes into the posts (two on each side), and use the provided gate mounting flanges as shown in the left image, or
- Use the Polyurethane Adhesive in conjunction with clamps to hold in place as shown in the right image.



**DANGER**

Ensure that before carrying out the next step, the lift has been disconnected from power. Not doing so can damage the unit, and lead to injury and/or death.

- 3) Wire the gate's interlock into the tower as per the provided electrical schematics and wiring diagrams, using protective electrical conduit as per the applicable electrical codes.

## Section 4: Remote Call



A Call/ Send Station also referred to as a Toggle is used to call the carriage to the landing or to send the carriage to an alternate landing. All our Journey Lifts include two (2) keyed Call/Send Stations.

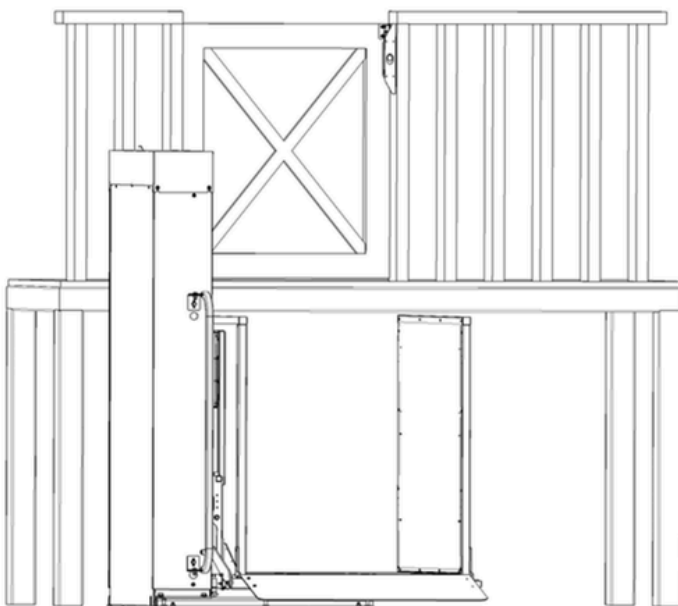
**Note**

The lift **will not operate unless the key is in the on position** (horizontal).

To install a Call/ Send station, simply mount it in a suitable location, and wire it into the lift's top junction box as per the provided electrical schematics and wiring diagrams, using protective conduit as per the applicable electrical code requirements.

## Section 5: Interlock - Customer Supplied Gate

**NOTE:** Upper landing gate should be installed per ASME A18.1 / B355 and/or any codes relevant to your AHJ. This includes the gate being installed flush with the travel wall of the lift which may require further modification.

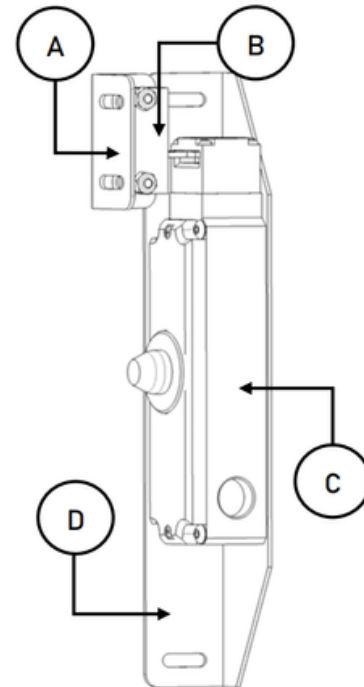


Interlocks are designed to ensure that landing doors and gates remain securely closed when the lift is not at that landing. This safety mechanism prevents the doors from opening and provides a secure barrier, maintaining proper operational safety and preventing unauthorized access to the lift shaft.

The following components are provided for the installation of the interlock system:

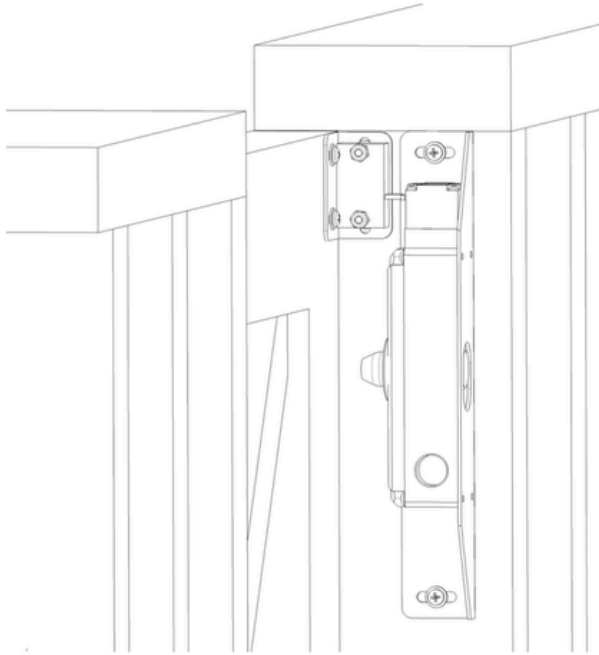
	Part Number	Description
A	TC117	Door/Gate Tab Mounting Bracket
B	-	Tab
C	EUCHNER 122839	Interlock
D	TC114	Interlock Mounting Bracket

The necessary hardware for mounting the interlock and tab is not included. However, the interlock will be pre-attached to the mounting bracket, and the tab will be pre-attached to the tab mounting bracket with the tab inserted into the interlock, as shown in the image on the right.





## Section 5: Interlock-Customer Supplied Gate



To begin, ensure the gate is in the closed position. Confirm the tab and bracket assembly is inserted into the interlock, and position it near the top of the gate to get the approximate alignment of the tab and lock. The mounting brackets are slotted to provide three-axis adjustability.

Start by securing the interlock bracket to the jamb, followed by fastening the tab bracket to the gate. Drill a  $\frac{3}{4}$ " keyhole into the gate to allow for emergency access to the interlock. Ensure the keyhole is aligned with the mounted interlock for proper functionality, as pictured below.

**Note:** The recommended hardware for securing the brackets to the gate and jamb is a #10-32 wood screw, with a minimum length of  $\frac{3}{4}$  inch (Dependant on door thickness).

Once the interlock and tab are mounted, wire the system to the lift according to the electrical schematics and wiring instructions provided with the lift. Use protective conduit in compliance with all applicable electrical codes.

