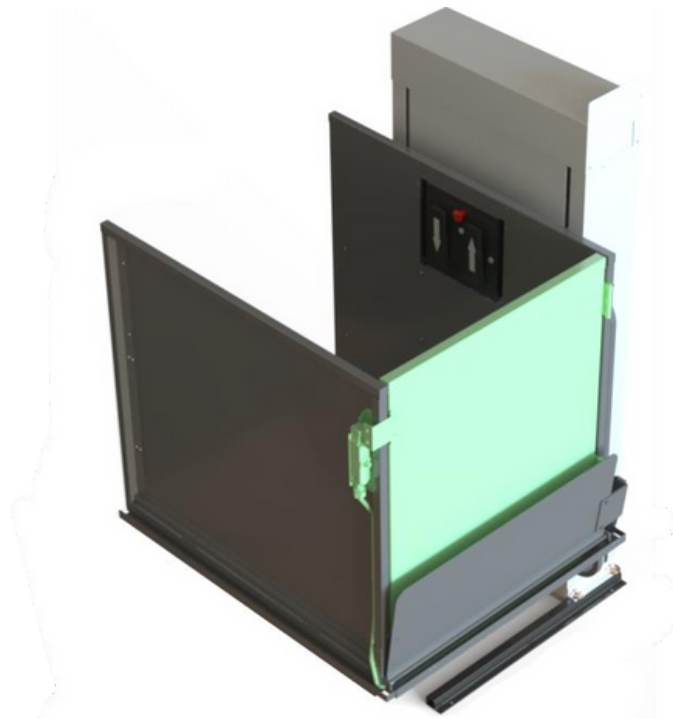




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**BY ACCESSIBILITY PROFESSIONALS**

# **FREEDOM JOURNEY LIFTS CARRIAGE GATE - MANUAL #1**



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## Section 1: Introduction

This supplemental manual has been provided to walk you through the safe and efficient installation of a VPL Carriage Gate. 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
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### 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'.

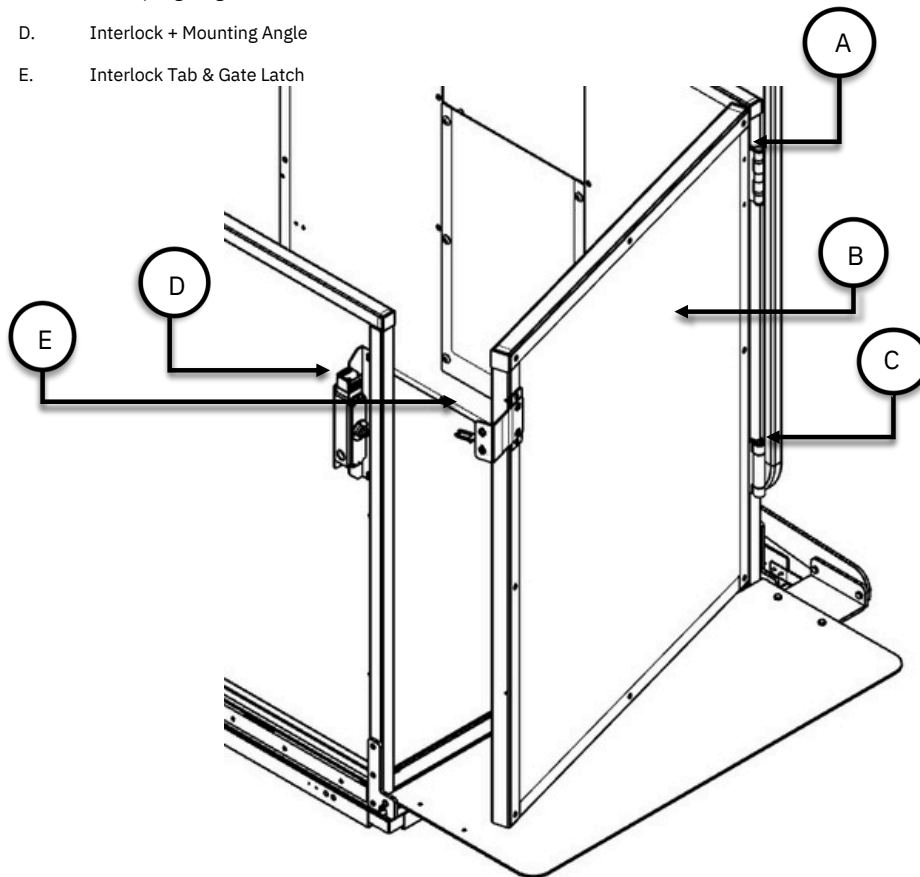
Failure to observe and complete the required maintenance for your lift product will render the warranty null and void and may present significant risk that could lead to injury or death.

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

### Section 3: Carriage Gate Installation

#### 3.1: Carriage Gate Diagram

- A. Gate Hinge
- B. Carriage Gate Door
- C. Gate Spring Hinge
- D. Interlock + Mounting Angle
- E. Interlock Tab & Gate Latch



### 3.2: Installation

#### Materials

Tools		Components	
Name	#	Name	#
• Combination Screwdriver	1	• Lift Assembly	1
• Wire Strippers	1	• Carriage Gate & Interlock	1
• Rivet Gun With 3/16" Head	1	• Zip Ties	4
		• 3/16" Black Blind Rivet	18
		• 10-24 x 1/2" Hex Drive Screw	4
		• 10-24 x 1/2" Nylon Lock Nut	2
		• 1/2" Washer	4
		• Preferred Wire Terminators	

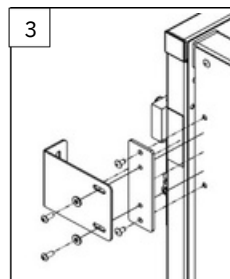
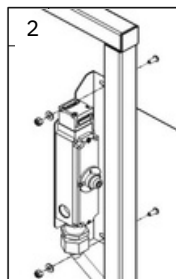
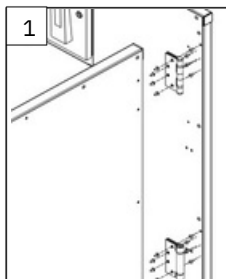
#### Instructions

**Note that these steps are to be carried out after mounting the carriage walls to the platform (Section 4.6 of the main manual).**

#### DANGER

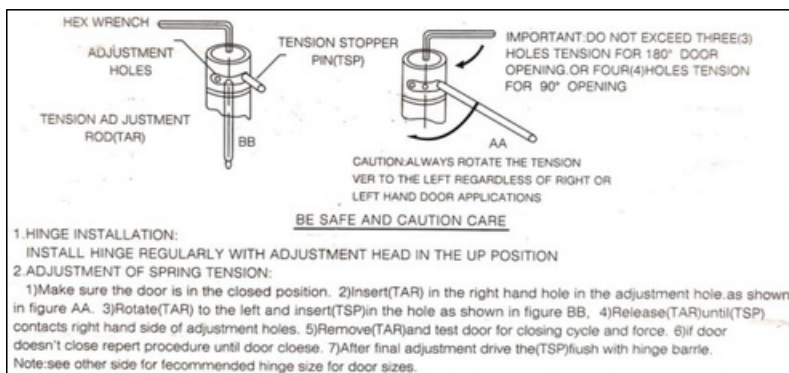
Before installing and wiring the carriage gate, unplug the unit/disconnect the power supply from the unit. Not doing so can lead to damage to the unit, and serious injury or death.

- 1) Following the pre-made holes in the wall sheet, drill 3/16 holes to attach the hinges. Using the 3/16" Black Blind Rivets, fasten the carriage gate to either the handrail or the control wall, matching to the holes in the hinges.
- 2) Fasten the interlock to the side of the lift using the 10-24 x 1/2" Hex Drive Screws, 10-24 x 1/2" Nylon Lock Nuts, and 1/2" Washers.
- 3) Load the carriage to 50% of the rated load and lower the carriage until the car is resting evenly on the support base (for cars with a safety pan ensure car is resting evenly on mechanical stops). Fasten the door gate latch and interlock key tab to the gate door making sure to line up with the interlock head when the gate closes.

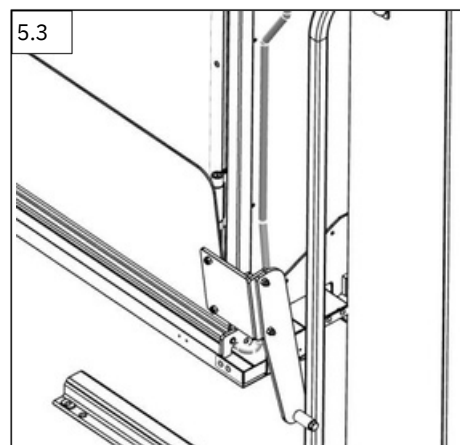
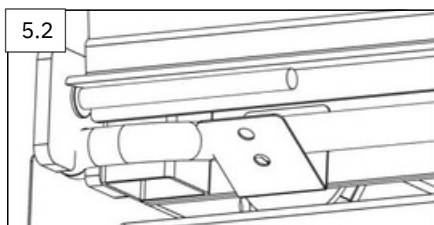
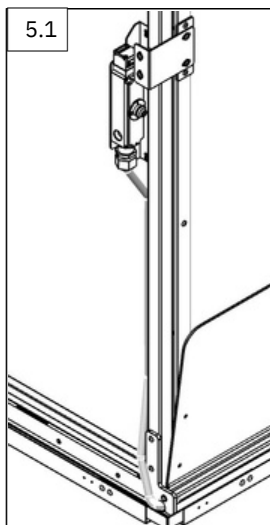


## Section 3: Carriage Gate Installation

- 4) Use the size 4 Allen Key, Tension Stopper, and Tension Adjustment Rod to adjust the spring hinge until the door will close on its own after being opened.



- 5) Using the provided zip ties, secure the interlock cable to the desired lift wall (5.1). Run the interlock cable through the gap in the pivot plate, under the toe plate angle, and feed it through the guiding brackets (5.2). Next, guide the interlock cable through the next pivot plate and secure the interlock cable to the opposite wall with the zip ties such that it reaches the power supply (5.3). Plug in the cable.



### 3.3: Electrical Diagram

The Car Gate introduces some additional switches between terminals 1 and 2. Just as before, they can be bypassed by attaching a jumper wire between the terminals.

