

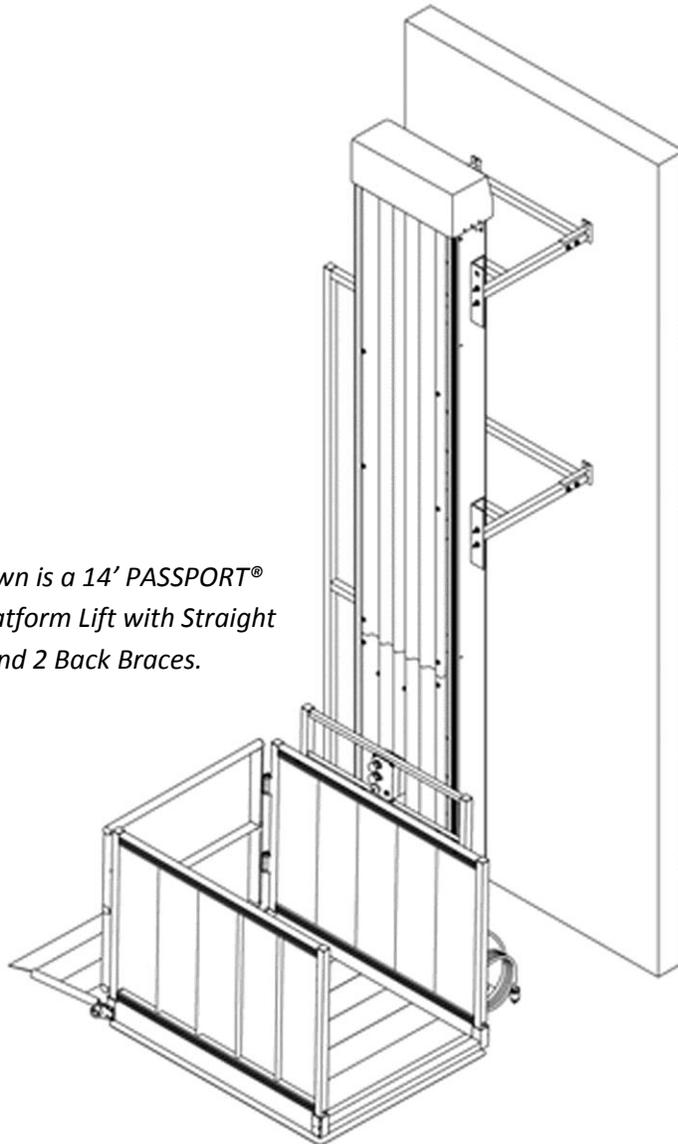
# PASSPORT® Vertical Platform Lift (VPL)

## Installation Supplement for

## 120" (10'), 144" (12'), and 168" (14')

Models: PL120SP3651, PL120TP3860, PL144SP3651, PL144TP3860, PL168SP3651, & PL168TP3860

*Image shown is a 14' PASSPORT® Vertical Platform Lift with Straight Platform and 2 Back Braces.*



2-year Warranty. Please register at [www.ezaccess.com/warranty-satisfaction](http://www.ezaccess.com/warranty-satisfaction).  
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Manufactured in the USA

18798 REV 12-03-19

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## **INTRODUCTION**

This Supplement covers installation for the 120” (10’), 144” (12’), and 168” (14’) heights of the PASSPORT® Vertical Platform Lift. Throughout this document, the PASSPORT Vertical Platform Lift is also referred to as “VPL” or “Lift”.

## **IMPORTANT SHIPPING INFORMATION**

- The PASSPORT Vertical Platform Lift is shipped with a packing list. Confirm all items are present before starting installation. Open shipping boxes and inspect for damage or missing parts. If damaged or missing parts are noted, DO NOT INSTALL OR USE.
- Check for shipping damage immediately upon receipt and note any freight damage on freight bill while driver is still present. Contact shipper right away with any freight damage concerns. In most cases, freight damage claims will not be allowed unless noted on the freight bill. Pictures of damage before the unit is unpacked can be very helpful.

## **SYMBOLS, SAFETY, AND WARNINGS**

-  The **WARNING** symbol indicates a potentially hazardous condition/situation. The safety warnings throughout this manual, and on your equipment, if any, are for the protection of people and property. Failure to abide by safety warnings will result in a waiver of all liabilities, loss of your warranty, and could result in equipment damage and or failure, property damage, risk of serious bodily injury, and or death, to operators, riders, and those nearby the symbol may appear in various colors and in conjunction with other symbols.
-  The **NOTE** symbol indicates important information. Failure to obey all notes could result in improper operation, less-than-optimum equipment performance, and at the sole discretion of the equipment manufacturer, may void your warranty. The symbol may appear in various colors and in conjunction with other symbols.

## **ATTENTION INSTALLER: VERIFY PRIOR TO INSTALLATION**

-  This Supplement covers installation for the 120” (10’), 144” (12’), and 168” (14’) PASSPORT Vertical Platform Lifts, which differ from the 44”, 52”, and 72” PASSPORT lifts. Use this Supplement in conjunction with the PASSPORT® Vertical Platform Lift (VPL) Installation Manual, following all warnings and safety directives in all documents. For replacement copies, please call 1-800-451-1903.
-  Professional installation is required.
-  Anchoring and bracing drawing details, if required, are the responsibility of the installer.
-  The installer must ensure the structure the VPL braces will be mounted to, and the concrete pad the VPL will be anchored to, are of adequate structural integrity, as determined by the installer and the authority having jurisdiction (AHJ) local to the VPL installation site.
-  The VPL platform must be at least 3/8” but no more than 3/4” from the edge of the upper landing (horizontally).
-  The VPL platform guard walls must be at least 2” but no more than 3” (horizontally) from walls or other obstructions.
-  The VPL is supplied with a 12’ AC power cord. It is the installer’s responsibility to verify local codes and regulations regarding power supply and electrical connections. Custom power cord lengths are available.
-  Confirm the structural integrity of any existing fascia.
-  Verify that the upper landing area is level.

- ⚠ Read and understand the Installation Manual, all Supplements and Addendums, and User Manual in their entirety. Understand and learn the location and function of all the features, weight capacity, safety devices, and labels before operating any PASSPORT Vertical Platform Lift.
- ⚠ Determine which side the guard ramp will be attached to and verify adequate clearances.
- ⚠ Platform must travel up and down and guard ramp must fold and unfold without interference or obstruction.
- ⚠ Refer to the Top Landing Gate Placement and Installation section if installing a Top Landing Gate.
- 👤 Layout installation site taking into consideration VPL entry and exit points, height, and electrical supply location.
- 👤 Check for adequate headroom clearance above VPL platform before installation.

## **WARNINGS**

- ⚠ Weight capacity: 750 pounds.
- ⚠ Read the and understand the entire User Manual and the Installation Manuals, including Supplements and Addendums, in their entirety. Understand and learn the location and function of all the features, safety devices, and labels before operating any PASSPORT Vertical Platform Lift.
- ⚠ Tower panels must be handled with extreme caution and care; they can be sharp on the edges and can become dangerous if falling or sliding. Installer must ensure the safety of all people, animals, and property whenever working with panels.
- ⚠ The VPL must be anchored “plumb” to a level, 3,500 PSI concrete pad at least 4” thick. Minimum pad dimensions are 41” x 50” to anchor the legs and support the tower. However, a larger pad will be needed if it is desired that the guard ramp land on the pad and or the approach to the ramp be incorporated into the pad. Final pad location, orientation, and dimensions are the installer’s responsibility to determine based on field conditions.
- ⚠ Do not use VPL for anything other than its intended purpose of personal residential use for lifting of individuals and personal mobility devices.
- ⚠ Keep all body parts away from moving components and within the platform guards during VPL operation.
- ⚠ The Platform Safety Rail option must be installed if the VPL is used by a standing occupant.
- ⚠ Turn off power and engage the brake on all mobility devices prior to cycling the VPL.
- ⚠ Remove ice, snow, leaves and other potentially unsafe materials from VPL and landings before each use.
- ⚠ Inspect VPL for damaged, missing, or inoperable parts before each use. Never use a damaged or unstable VPL.
- ⚠ Regularly check all fasteners and verify all nuts, bolts, screws and other fasteners are undamaged and secure. Do not attempt to repair or modify the VPL. Only qualified technicians may service the VPL. Contact your dealer to schedule any needed inspections, repairs, or service.
- ⚠ Periodic inspections by a qualified technician are recommended to help prevent unsafe conditions.
- ⚠ Stop using VPL and immediately and contact your dealer for inspection and service if any defect is suspected.
- ⚠ Observe and avoid all pinch points.
- ⚠ Whenever not actively using the VPL, turn keyed power switch to “OFF” position and remove key.
- ⚠ Always unplug VPL from electrical outlet before cleaning. Only plug VPL back in when area around VPL is dry.
- ⚠ Never operate VPL with damaged electrical wires, cords, or plugs.
- ⚠ The AC electrical plug on this VPL is grounded and intended to be used only with a properly grounded GFCI outlet. Do not remove ground pin from AC power cord. If ground pin is broken or missing, immediately contact your dealer to schedule repairs.
- ⚠ Do not tamper with or attempt to modify the VPL or any of its systems.
- ⚠ Use VPL only with a qualified helper, if required.
- ⚠ Do not use the VPL to support, attach, or hang planters, baskets, lights, adornments, decorations, clothing, fabrics or other ornamentals or furnishings.
- ⚠ The VPL’s electrical cord must be routed and situated in a manner that poses no hazards. Do not lay power cords on or across electrically conductive materials, such as metals and always route power cords in such a manner so no one can trip over them and that they are not exposed to risk of accidental or incidental damage.
- ⚠ Before and during VPL operation, ensure all hair, jewelry, shirts, ties, shoe laces and all other forms of clothing and other personal ornamentation are-not and do-not hang up on anything that may create a hazard.
- ⚠ Confirm all bracing is present and undamaged before lifting VPL from pallet. If bracing is damaged or missing, do not lift VPL from pallet and stop installation. Call 800-451-1903 for further assistance.
- ⚠ Working at heights can be dangerous. Follow all applicable safety protocols while working at heights.
- ⚠ Correct installation, proper use, and following of instructions and obeying safety warnings of the VPL are necessary for safe operation.

- ⚠ VPL must be anchored to a concrete slab and braced to a proper structure before operating the VPL while it is occupied.
- ⚠ Maintaining all labels and manuals in legible condition is required by the VPL owner and is essential for safe VPL operation. The VPL comes with various product safety labels. Do not remove safety labels. If any labels are missing, damaged or become illegible they must be replaced. An illegible label will fail to alert individuals on or around the VPL of a procedure or hazardous operating conditions. Contact your dealer for additional information, replacement labels and manuals or to schedule inspections, repairs or service.
- ⚠ When not servicing the VPL, keep all panels and protective coverings in place.
- ✋ The VPL warranty is not transferable.
- ✋ Using this VPL for anything other than its intended purpose will void the warranty.
- ✋ Attempting to tamper with or modify any portion of the VPL will void your warranty.
- ✋ Caustics, high alkaline detergents and solutions should not be used to clean aluminum.

## **REQUIRED TOOLS**

- |                                       |   |
|---------------------------------------|---|
| ✓ 3/8" OR 1/2" DRIVE RATCHET          | ✓ STANDARD PHILLIPS SCREWDRIVER           |
| ✓ 1/4" OPEN/BOX END WRENCH OR SOCKET  | ✓ STANDARD FLAT SCREWDRIVER               |
| ✓ 1/2" OPEN/BOX END WRENCH OR SOCKET  | ✓ PENCIL OR SIMILAR MARKER                |
| ✓ 7/16" OPEN/BOX END WRENCH OR SOCKET | ✓ 1/8" ALLEN WRENCH                       |
| ✓ 9/16" /BOX END WRENCH OR SOCKET     | ✓ 7/32" ALLEN WRENCH                      |
| ✓ ADJUSTABLE CRESCENT WRENCH          | ✓ 3/16" ALLEN WRENCH                      |
| ✓ 13/64" OR #7 DRILL BIT              | ✓ HAMMER DRILL W/ BIT FOR CONCRETE ANCHOR |

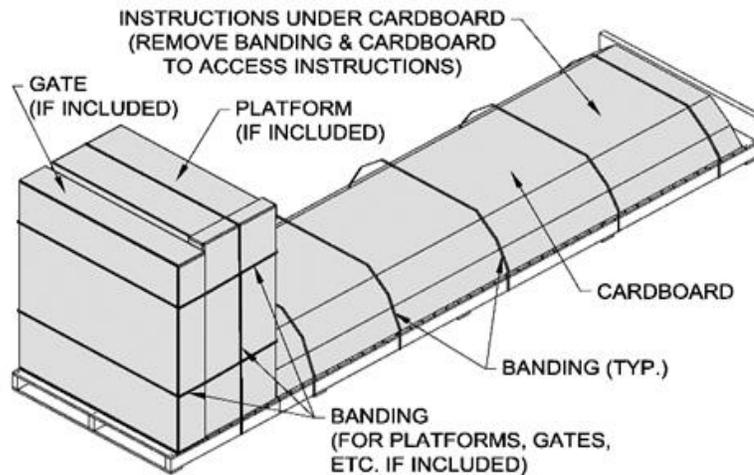
## **TOOLS YOU MAY FIND USEFUL**

- |                              |                                       |
|------------------------------|---------------------------------------|
| ✓ UTILITY KNIFE              | ✓ NEEDLE NOSE PLIERS                  |
| ✓ TORPEDO LEVEL              | ✓ BLADE STYLE FUSE PULLER             |
| ✓ TAPE MEASURE               | ✓ TORQUE WRENCH                       |
| ✓ RUBBER Mallet              | ✓ C-CLAMPS                            |
| ✓ SIDE CUTTING PLIERS        | ✓ VISE GRIP PLIERS                    |
| ✓ ADJUSTABLE CRESCENT WRENCH | ✓ SPARE 5 AMP BLADE STYLE FUSES       |
| ✓ DIGITAL MULTIMETER (DVM)   | ✓ 12" LONG PIECE OF 12AWG JUMPER WIRE |
| ✓ PLUMB BOB                  |                                       |

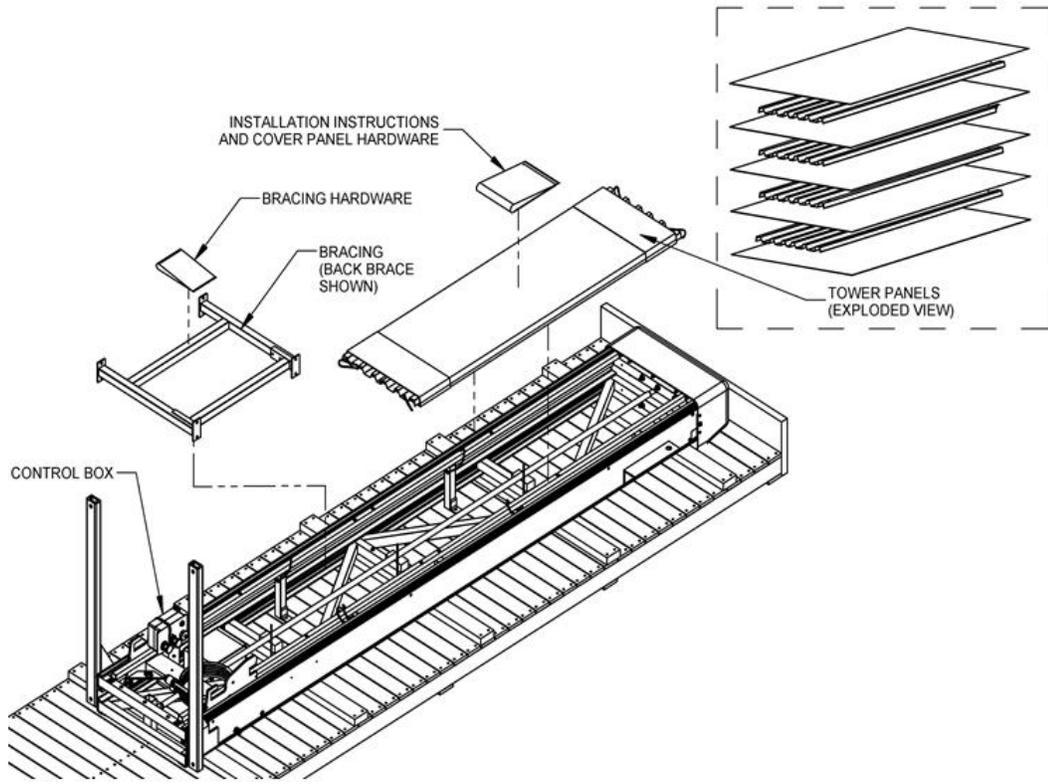
## 1. UNCRATING

- 1.1 Remove banding from Platform Box and Gate Box (if included) and remove from pallet (FIG. 1.1) and set aside
  - 1.2 Before continuing, see FIGs. 1.1, 1.2, and 1.3. Remove, open, and read installation instructions.
  - 1.3 From inside the VPL tower remove the following and set aside:
    - 1.3.1 4 Tower Panels (panels are labeled on back with blue tape; Panel 1, Panel 2, Panel 3, Panel 4)
    - 1.3.2 Bracing and Bracing Hardware
    - 1.3.3 Guard Ramp Activating Bar
    - 1.3.4 Hardware Bag
    - 1.3.5 Batteries (battery box contains battery hold down kit)
    - 1.3.6 Guard Ramp Activating Bar
    - 1.3.7 Zip Ties from Control Box
    - 1.3.8 Support Channel Shipping Brace
    - 1.3.9 Zip Ties and Foam (under Drive Screw)
    - 1.3.10 Shipping Lag Bolts and Washers
- ⚠ Do not attempt to lift VPL from pallet until all shipping lag bolts have been removed. Damage will occur and a dangerous situation may result.
- ⚠ Do not remove the VPL from the shipping pallet unless you have the proper bracing ready for installation.

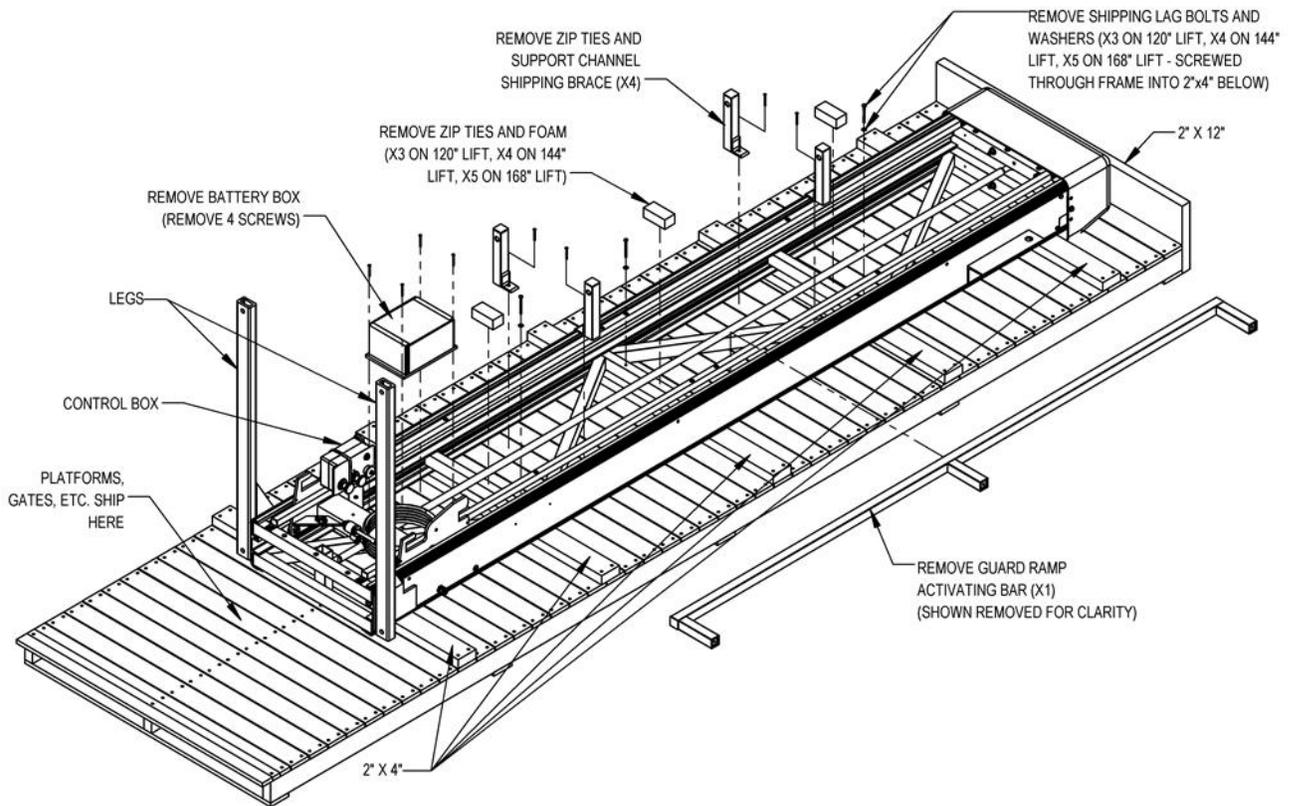
**FIG. 1.1**



**FIG. 1.2**



**FIG. 1.3**



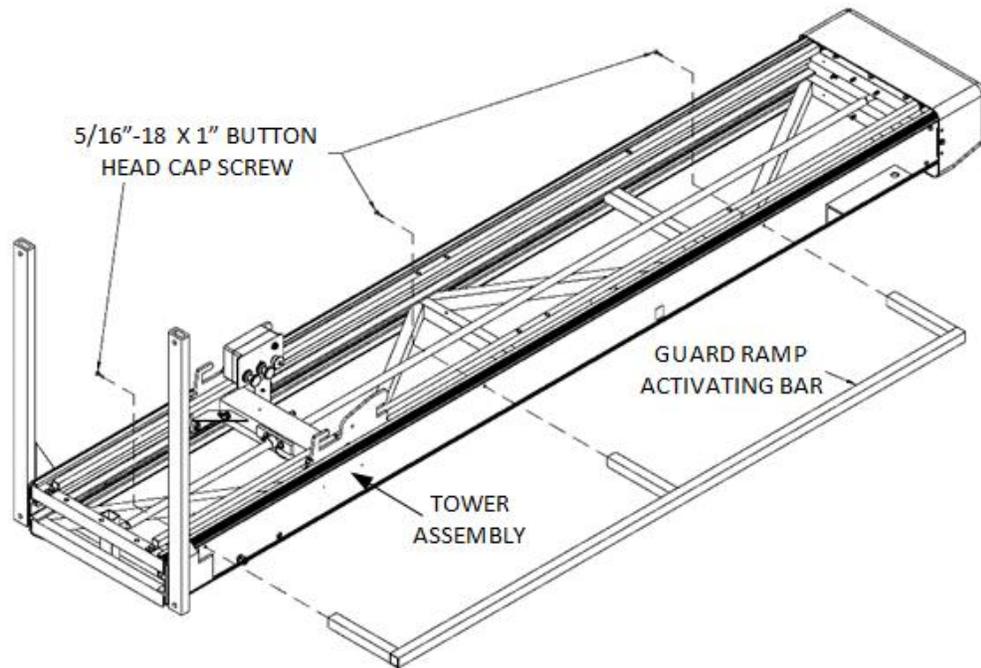
## 2. GUARD RAMP ACTIVATING BAR

- ✎ If you wish to install the Guard Ramp Activating Bar before lifting the VPL into place, go to step 2.1. Otherwise, refer to the PASSPORT® Vertical Platform Lift (VPL) Installation Manual for Guard Ramp Activating Bar installation information.
- ✎ The Guard Ramp Activating Bar must always be installed on the same side as the guard ramp.
- ✎ The correct Guard Ramp Activating Bar must be used with its intended platform for the guard ramp to operate correctly. The 90° Turn Platform Guard Ramp Activating Bar extends further from the tower than the Straight Platform Guard Ramp Activating Bar. The extension for the Straight Platform is approximately 7-7/8" and approximately 12-3/8" for the 90° Turn Platform.

2.1. Attach the Guard Ramp Activating Bar in the three open holes, as shown in FIG. 2.1, on the corresponding side of the tower using three 5/16"-18 x 1" Button Head Cap Screws (provided). Tighten Button Head Cap Screws securely.

⚠ Do not attempt to lift or move the VPL using the Guard Ramp Activating Bar. Damage will result.

**FIG. 2.1**

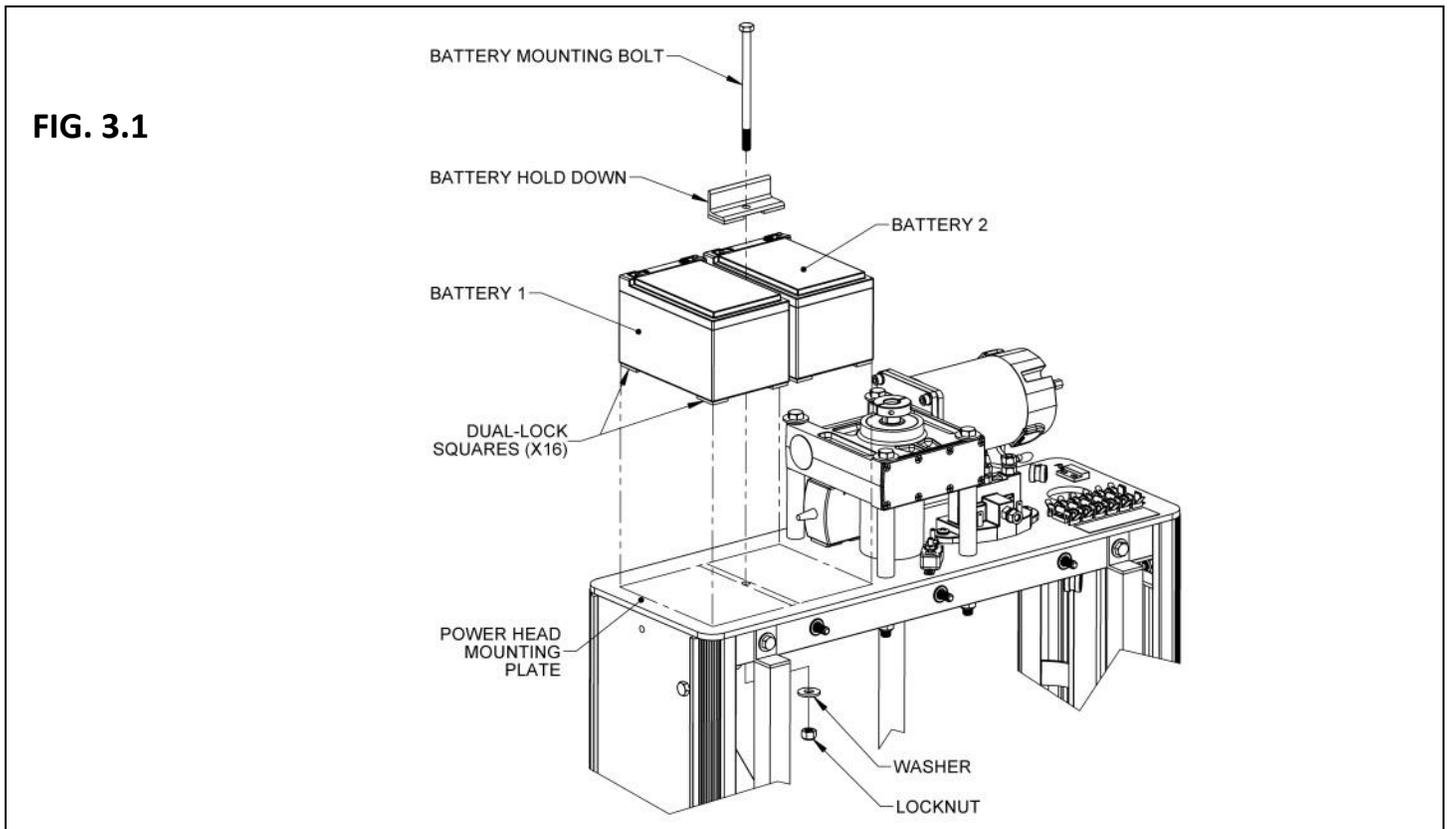


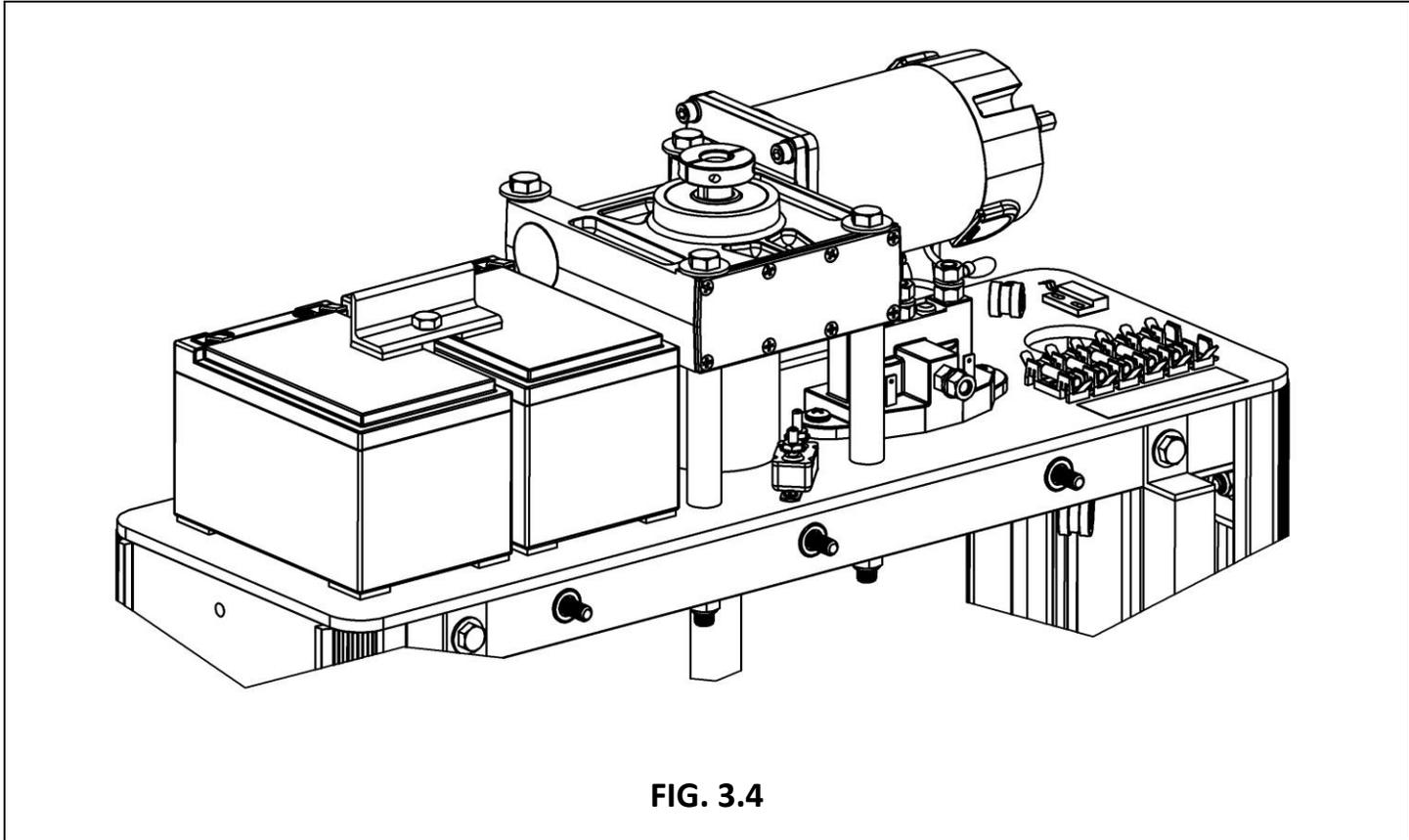
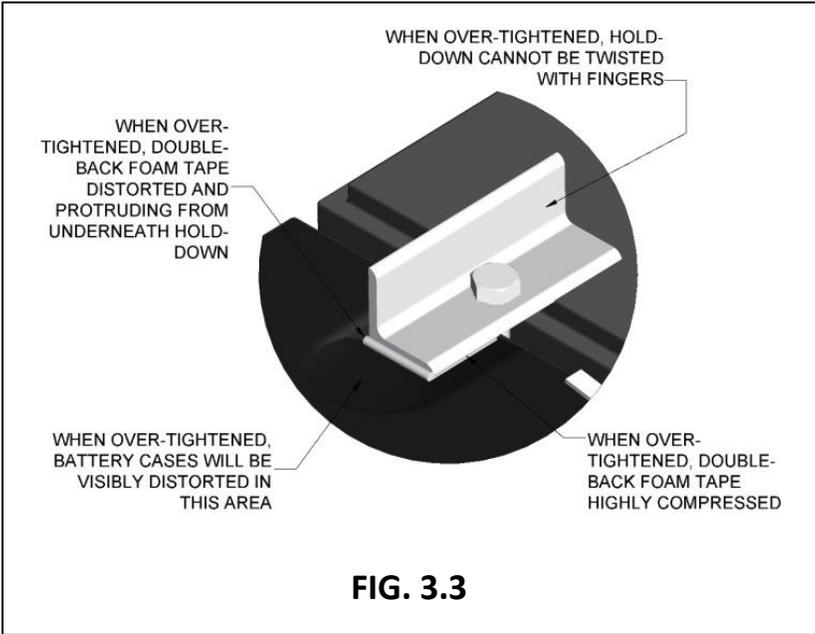
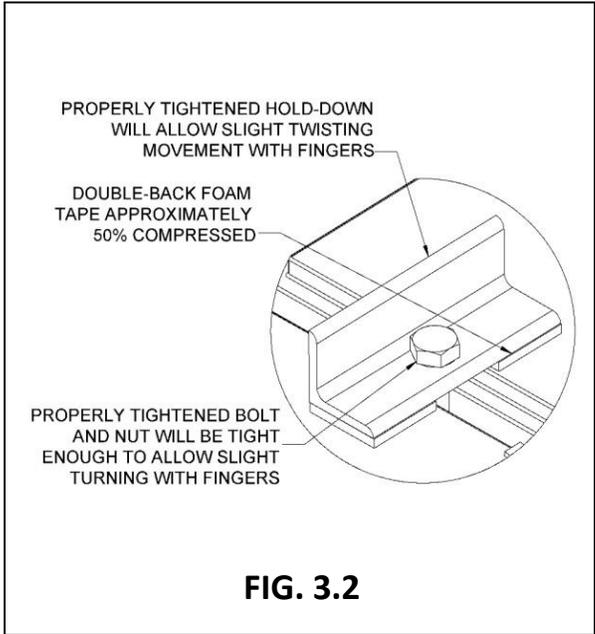
### 3. INSTALLING AND CONNECTING BATTERIES

⚠ Before continuing, confirm the keyed switch is in the 'off' position and that the emergency stop switch is pushed in.

#### 3.1. INSTALLING BATTERIES

- 3.1.1. Remove batteries from shipping box and set in place on power head mounting plate to determine installation location.
- 3.1.2. Perform a test fit to confirm all parts fit together properly before sticking batteries to power head mounting plate. Ensure nothing obstructs battery mounting bolt.
- 3.1.3. Remove protective strip from Dual-Lock squares (on bottom of each battery) and set in place (FIG 3.1).
- 3.1.4. Remove protective strip from double-back foam tape under Battery Hold Down and place on batteries.
- 3.1.5. Insert Battery Mounting Bolt through Battery Hold Down, between batteries, and through Power Head Mounting Plate.
- 3.1.6. Put washer and locknut on bolt. Hold bolt head while turning nut and tighten until washer is in contact with the bottom of the Power Head Mounting Plate, then turn another quarter turn.
  - ✋ Properly tightened Battery Hold Down will allow slight twisting movement with fingers (FIG. 3.2).
  - ✋ Double-back foam tape on bottom of Battery Hold Down will be approximately 50% compressed (FIG. 3.2).
  - ✋ Properly tightened bolt and nut will be tight enough to allow slight turning with fingers (FIG 3.2).
  - ⚠ Battery Hold Down will keep batteries in place with bolt & nut only lightly tightened. Over-torqued bolt & nut will cause stress on battery cases that could result in cracks and leaking of battery acid.
  - ⚠ When over-tightened, Battery Hold Down cannot be twisted with fingers (FIG. 3.3).
  - ⚠ When over-tightened, double-back foam tape may be distorted and protruding from underneath Battery Hold-Down (FIG. 3.3).
  - ⚠ When over-tightened, double-back foam tape underneath Battery Hold Down will be highly compressed (FIG. 3.3).
  - ⚠ When over-tightened, battery cases will be visibly distorted in the areas where the Battery Hold Down is in contact (FIG. 3.3).
- 3.1.7. FIG. 3.4 shows batteries installed on power head.





### 3.2. CONNECTING BATTERIES

⚠ Confirm battery polarities before connecting wires.

3.2.1. Near the power head, locate the small blue polybag. Remove the zip-tie and then remove the wires from the polybag bag (FIG. 3.5).

3.2.2. Connect the White #10AWG wire to the Negative terminal of Battery 1 (FIG. 3.5).

3.2.3. Connect the splitter with the 2 black wires (one #10AWG and one #16AWG) to the Negative terminal of Battery 2 (FIG. 3.5).

3.2.4. Connect opposite end of black #10AWG to Battery 1 Positive terminal (FIG. 3.5).

⚠ Check all wiring connections before energizing or damage could result.

WHITE #10AWG .....NEGATIVE/GROUND WIRE, GROUND CIRCUIT FOR MOTOR  
BLACK #10AWG.....BATTERY PARALLEL JUMPER WIRE, CREATES 24VDC FOR MOTOR  
BLACK #16AWG.....12VDC POWER FOR CONTROL CIRCUIT  
RED #10AWG ..... POSITIVE/HOT WIRE, MOTOR CIRCUIT

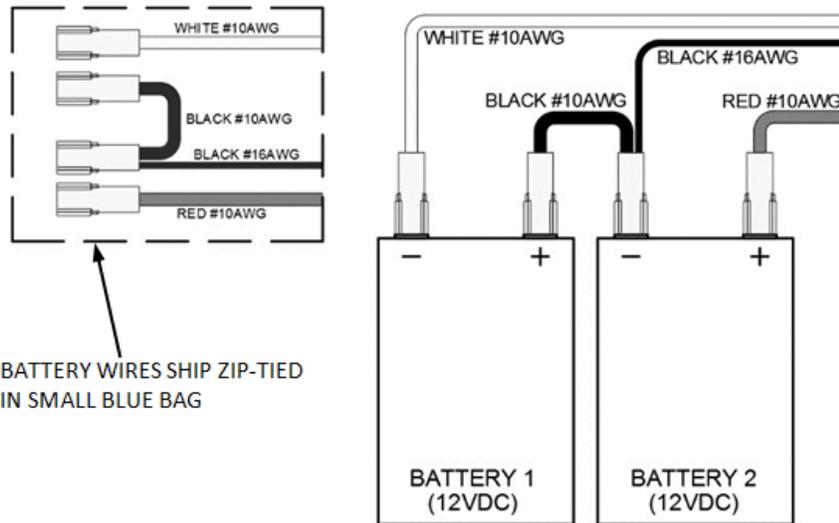
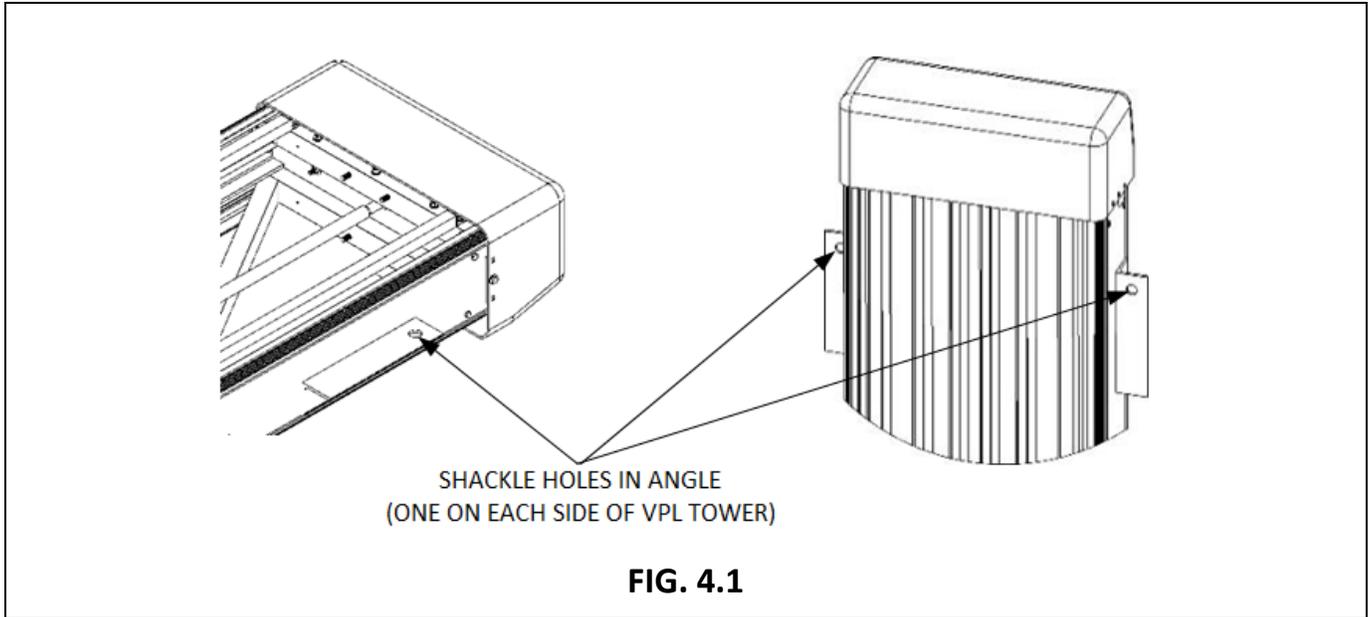


FIG. 3.5

#### 4. LIFTING THE VPL

- ⚠ Do not lift VPL from pallet if you do not have bracing to secure VPL to vertical structure.
- ⚠ Do not attempt to lift VPL from pallet until all shipping lag bolts and zip ties have been removed.
- 4.1. On each side of the VPL, near the top, is an angle welded to the VPL Tower (FIG. 4.1). Each angle has a 1" shackle hole for use with lifting shackles.
- 4.2. Use shackle holes and proper lifting equipment to lift the VPL into place.
  - ⚠ Professional installation is required.
  - ⚠ Anchor the VPL to concrete pad once it is lifted into place. Refer to your PASSPORT® Vertical Platform Lift (VPL) Installation Manual for additional anchoring information.
  - ⚠ It is the installer's responsibility to ensure that the structure the VPL braces will be mounted to is of adequate structural integrity, as determined by the installer and the authority having jurisdiction (AHJ) local to the VPL installation site.

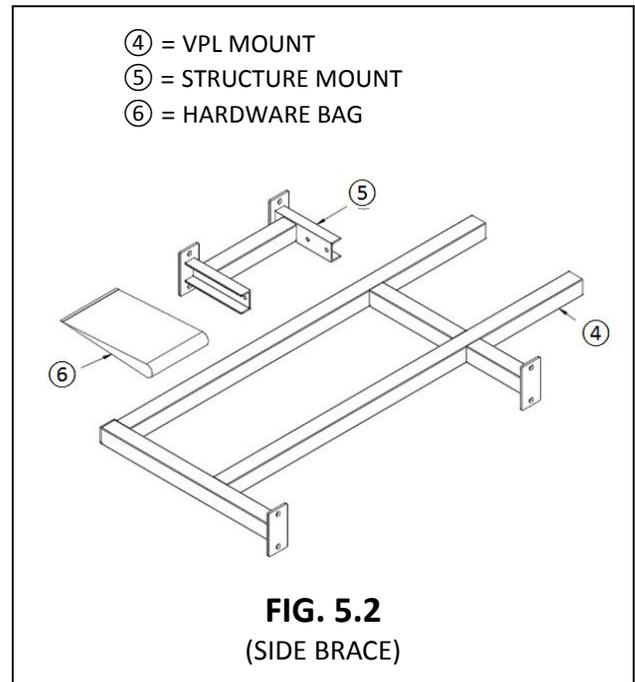
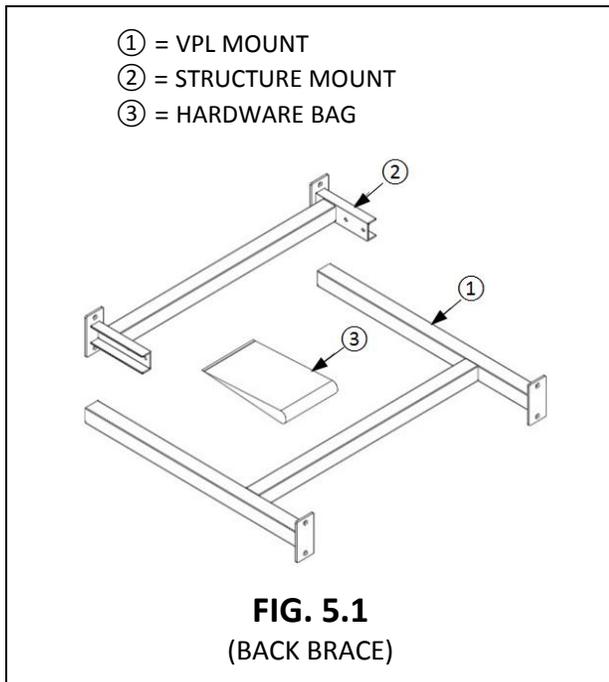


## 5. INSTALLING BACK AND SIDE BRACING

- ⚠ Install bracing after properly anchoring VPL to concrete pad.
- ⚠ Bracing is required for 10', 12', and 14' VPLs. Standard bracing is available in 2 configurations; back brace and side brace. See TABLE 1, FIG. 5.1, and FIG 5.2 for available of bracing.
- ⚠ If you are supplying your own bracing, professional design and installation is required.
- ⚠ VPLs are top heavy and become unstable and potentially dangerous if not properly anchored and braced. Refer to your PASSPORT® Vertical Platform Lift (VPL) Installation Manual for additional anchoring information.
- ⚠ Do not remove the VPL from the shipping pallet unless you have the proper bracing ready for installation.
- ⚠ Do not install bracing that is damaged.
- 👤 If you have bracing or other VPL questions, please call 1-800-451-1903.

VPL SIZE	BRACE QTY NEEDED	BRACE USAGE
120"	1	Use 1 Brace total; either a Back or a Side.
144"	2	Use 2 Braces total; either 2 Side or 2 Back or 1 of each.
168"	2	Use 2 Braces total; either 2 Side or 2 Back or 1 of each.

**TABLE 1**



## 5.1. ATTACHMENT

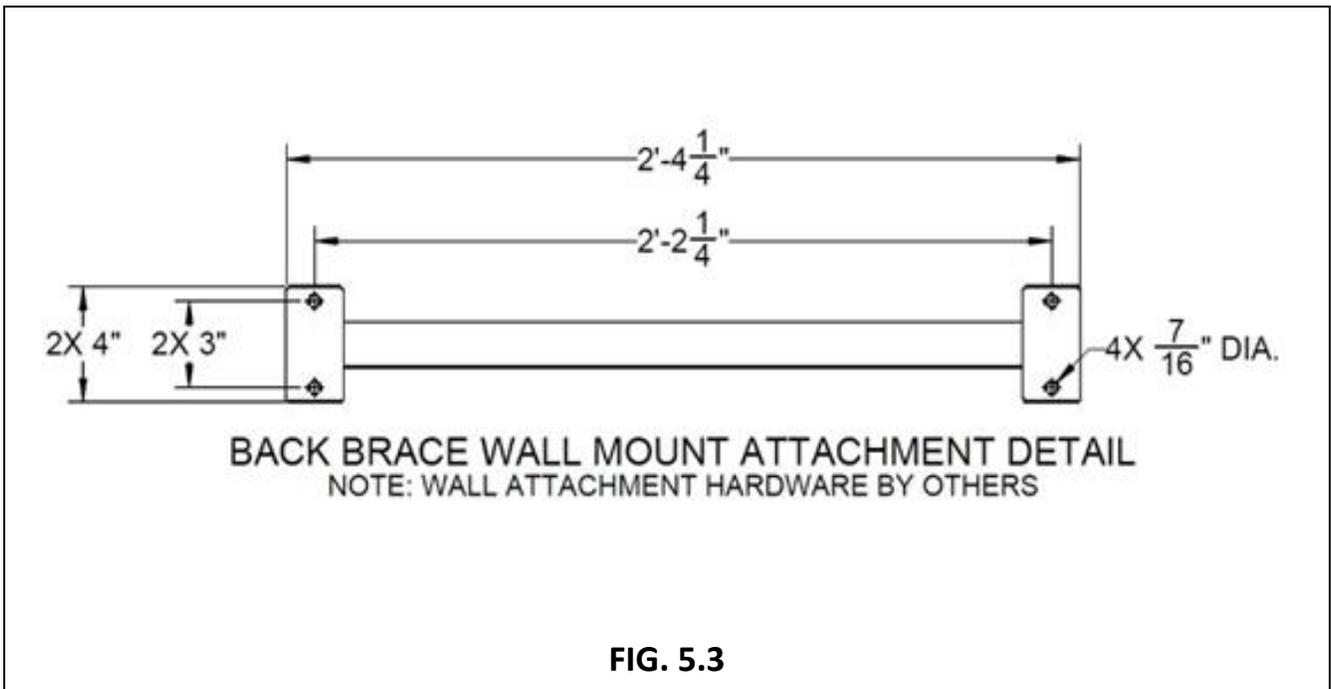
- 👉 Hardware for attaching bracing to vertical structures is supplied by others.
- 👉 See Technical Specifications for detailed side and back bracing dimensional information.

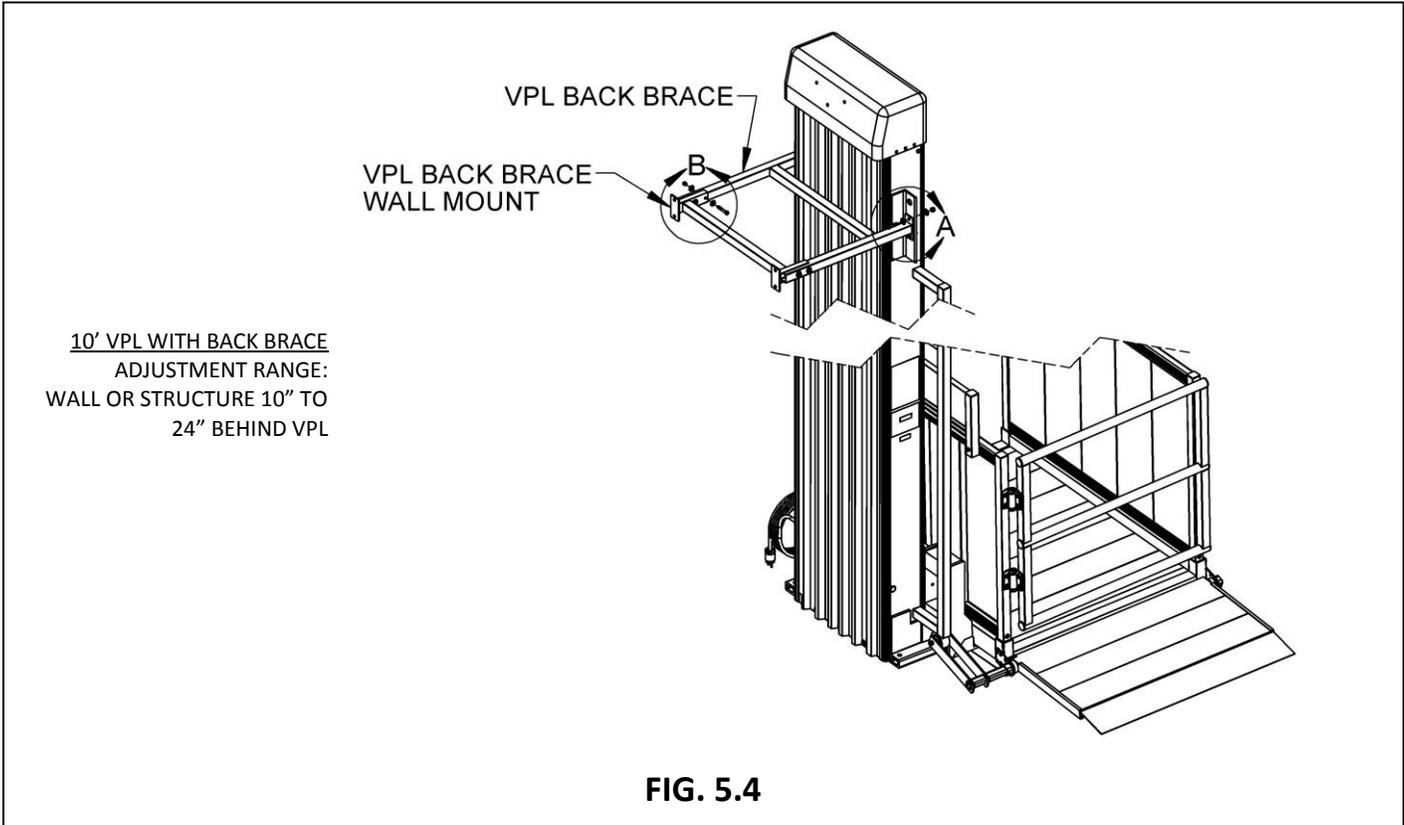
### 5.1.1. BACK BRACE

- 5.1.1.1. Back Brace Wall Mount Attachment Detail, used when mounting the VPL to a vertical structure to the rear of the VPL, is shown in FIG. 5.3.
- 5.1.1.2. Once you have confirmed bracing is undamaged, set bracing in place and hold with clamps, ensuring a dimensionally and structurally sound fit between VPL and vertical structure.
- 5.1.1.3. Always mount bracing to VPL first (see FIGs. 5.3 through 5.6) before attaching to vertical structure.

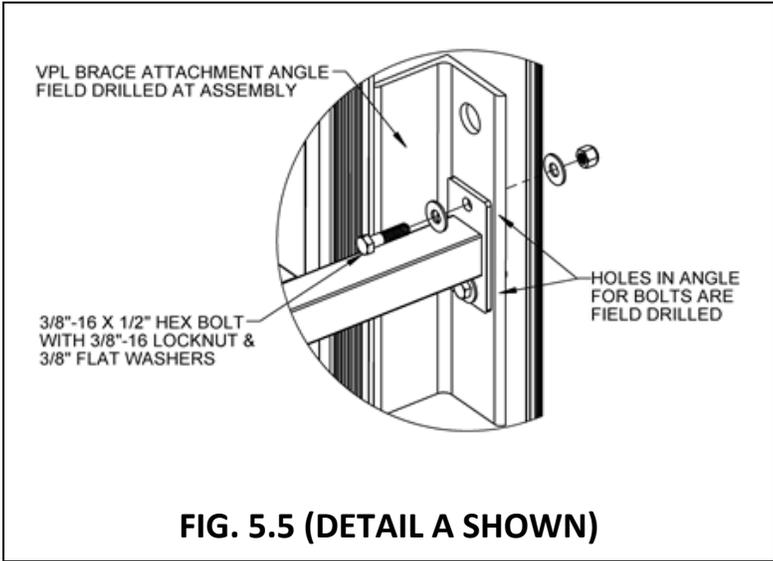
- 👉 To provide maximum flexibility, bolt holes in angle (FIG. 5.5) are field-drilled.
- 👉 To provide maximum flexibility, bolt holes in 1-1/2" Square Tube (FIG. 5.6) are field drilled.

- ⚠ Bracing must be properly anchored to structurally sound vertical structure before continuing installation.
- ⚠ Professional installation required.

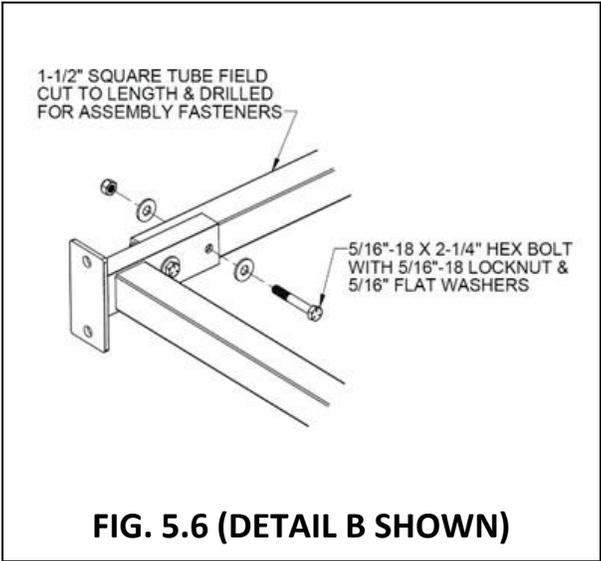




**FIG. 5.4**



**FIG. 5.5 (DETAIL A SHOWN)**



**FIG. 5.6 (DETAIL B SHOWN)**

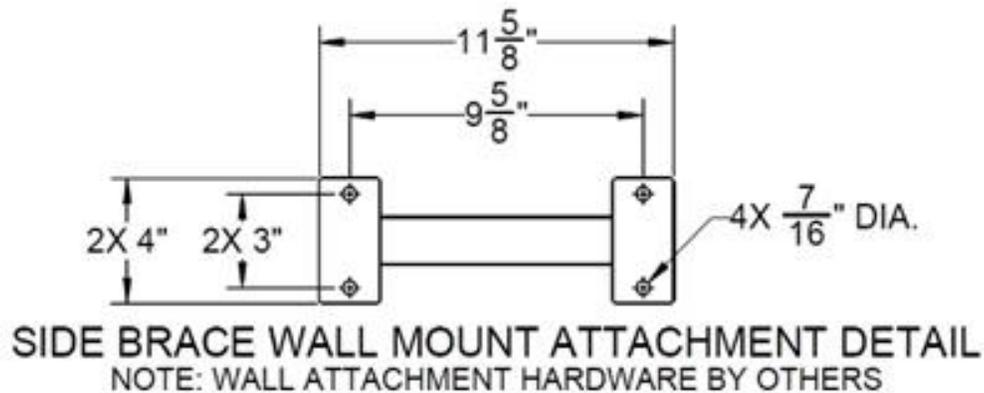
## 5.1.2. SIDE BRACE

- 5.1.2.1. Side Brace Wall Mount Attachment Detail, used when mounting the VPL to a vertical structure to one side or the other of the VPL, is shown in FIG. 5.7.
- 5.1.2.2. Once you have confirmed bracing is undamaged, set bracing in place and hold with clamps, ensuring a dimensionally and structurally sound fit between VPL and vertical structure.
- 5.1.2.3. Always mount bracing to VPL first (see FIGs. 5.7 through 5.10) before attaching to vertical structure.

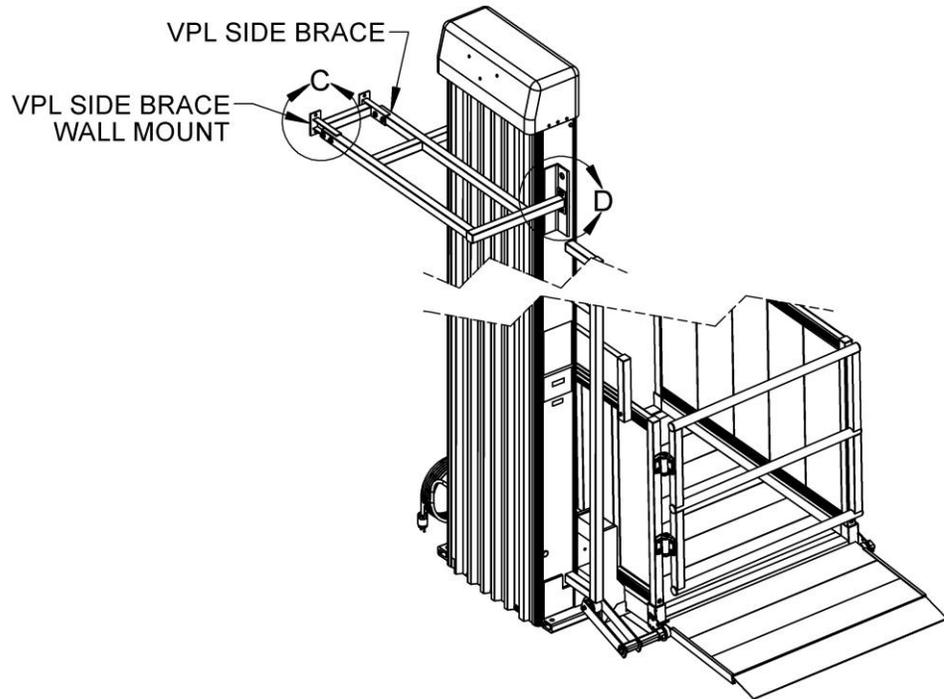
👉 To provide maximum flexibility, bolt holes in 1-1/2" Square Tube (FIG. 5.9) are field-drilled.

👉 To provide maximum flexibility, bolt holes in angle (FIG. 5.10) are field-drilled.

- ⚠ Bracing must be properly anchored to structurally sound vertical structure before continuing installation.
- ⚠ Professional installation required.

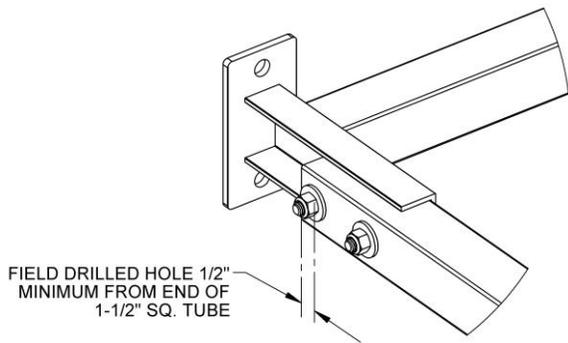


**FIG. 5.7**

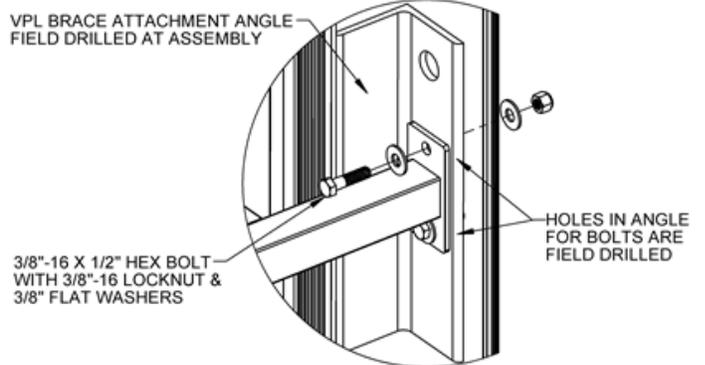


10' VPL WITH SIDE BRACE  
 ADJUSTMENT RANGE:  
 WALL OR STRUCTURE 0" TO 3"  
 BEHIND VPL

**FIG. 5.8**



**FIG. 5.9 (DETAIL C SHOWN)**



**FIG. 5.10 (DETAIL D SHOWN)**

5.1.3. FIGs. 5.11 through 5.18 shown for assembled understanding.

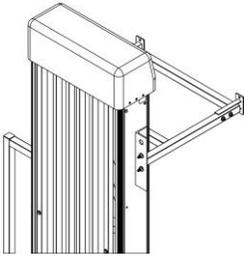


The 120" VPL uses 1 back or side brace.



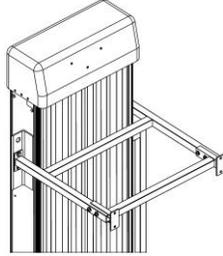
The 144" VPL and the 168" each require 2 braces, as shown on the 144" below, so the 168" is not shown.

## 120" PASSPORT VERTICAL PLATFORM LIFT



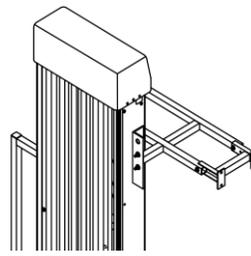
**FIG 5.11**

120" w/BACK BRACE  
(ISOMETRIC FRONT)



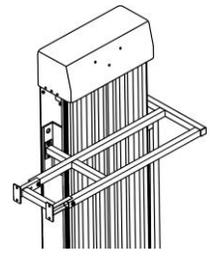
**FIG 5.12**

120" w/BACK BRACE  
(ISOMETRIC BACK)



**FIG 5.13**

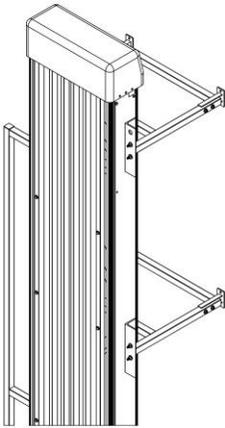
120" w/SIDE BRACE  
(ISOMETRIC FRONT)



**FIG 5.14**

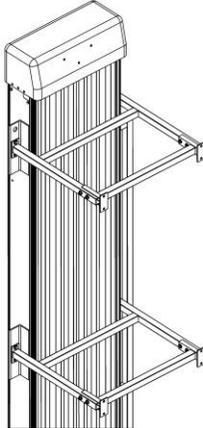
120" w/SIDE BRACE  
(ISOMETRIC BACK)

## 144" PASSPORT VERTICAL PLATFORM LIFT



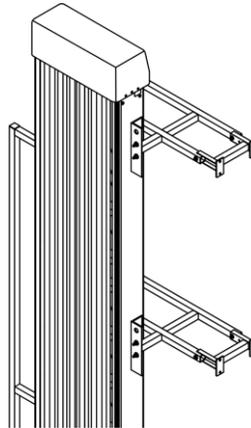
**FIG 5.15**

144" w/BACK BRACE  
(ISOMETRIC FRONT)



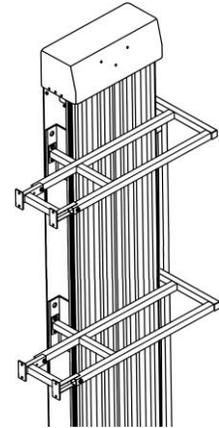
**FIG 5.16**

144" w/BACK BRACE  
(ISOMETRIC BACK)



**FIG 5.17**

144" w/SIDE BRACE  
(ISOMETRIC FRONT)



**FIG 5.18**

144" w/SIDE BRACE  
(ISOMETRIC BACK)

## 6. REMOVE REMAINING SHIPPING MATERIALS

6.1. Remove all zip-ties and foam packing material from drive screw.

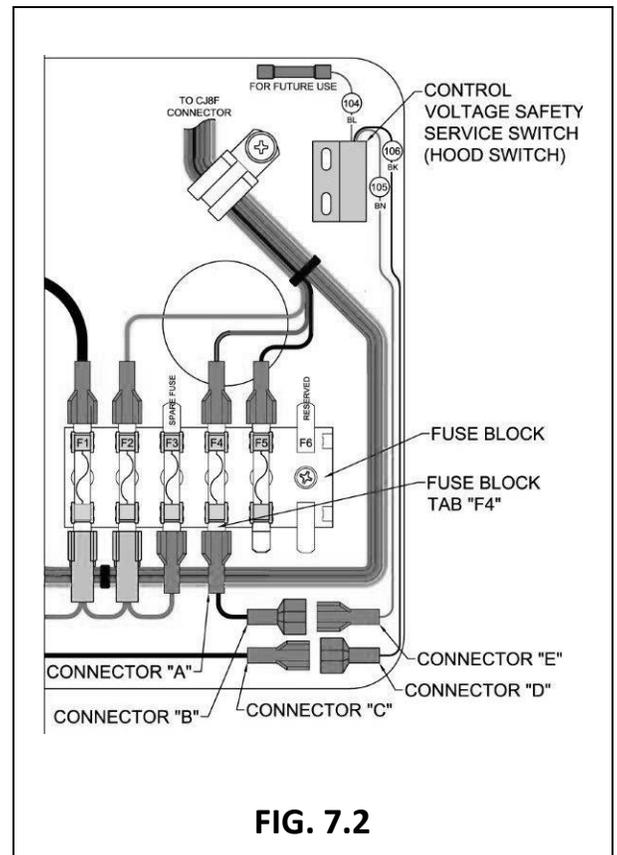
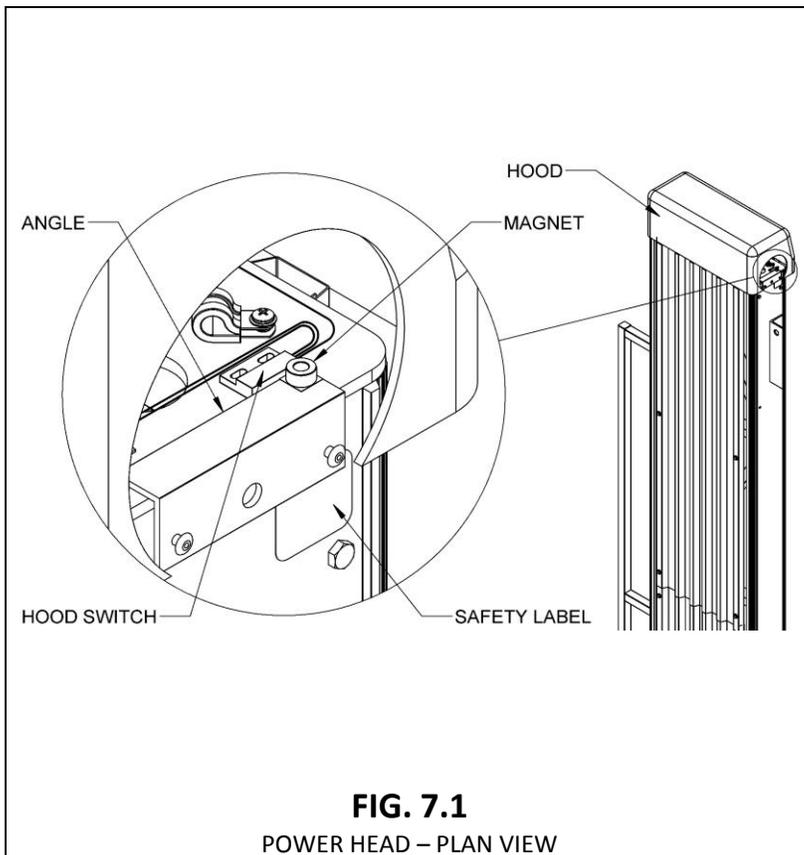
6.2. Ensure that all 2" x 4" shipping blocks, which were screwed to pallet to prevent VPL movement during shipping, have been removed.



Confirm the VPL is not anchored to the pallet, in any way, before attempting to lift.

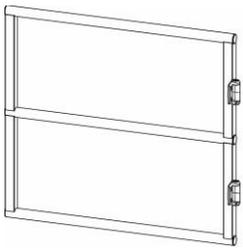
## 7. CONTROL VOLTAGE SAFETY SERVICE SWITCH “HOOD SWITCH”

- 7.1. The VPL comes with a CONTROL VOLTAGE SAFETY SERVICE SWITCH (“hood switch”), a control voltage disconnect (“switch”) that is located under the power head cover (“hood”) as shown in FIG. 7.1.
- 7.2. This hood switch is a magnetic reed switch which works in conjunction with a magnet mounted to the inside of the hood on the angle. When the hood is installed on the VPL, the magnet is in proximity to the hood switch, causing the hood switch contacts to close, enabling control voltage to the control box.
- 7.3. When the hood is removed, the magnet is no longer in proximity to the switch, causing the switch to open, disabling control voltage to the control box.
- ⚠ Disabling the hood switch keeps the VPL control circuit energized. The VPL is electrically active in this state and will operate if the control buttons are pressed if the control circuit is inadvertently jumpered.
- 7.4 When servicing the VPL, the installer may find it necessary to enable the control circuit power with the hood off. This can be accomplished as follows (FIG 7.2):
- 7.4.1 Unplug Connector “A” from Fuse Block Tab “F4”
- 7.4.2 Unplug Connector “C” from Connector “D”
- 7.4.3 Plug Connector “C” to Fuse Block Tab “F4”
- ⚠ Disabling the hood switch keeps the VPL control circuit energized. The VPL is electrically active in this state and will operate if the control buttons are pressed if the control circuit is inadvertently jumpered.
- ⚠ Disable the hood switch at your own risk!
- ⚠ Always enable the hood switch electrical system when service is complete.
- ⚠ The hood switch does not remove battery power from the VPL motor circuit, only the control circuit.

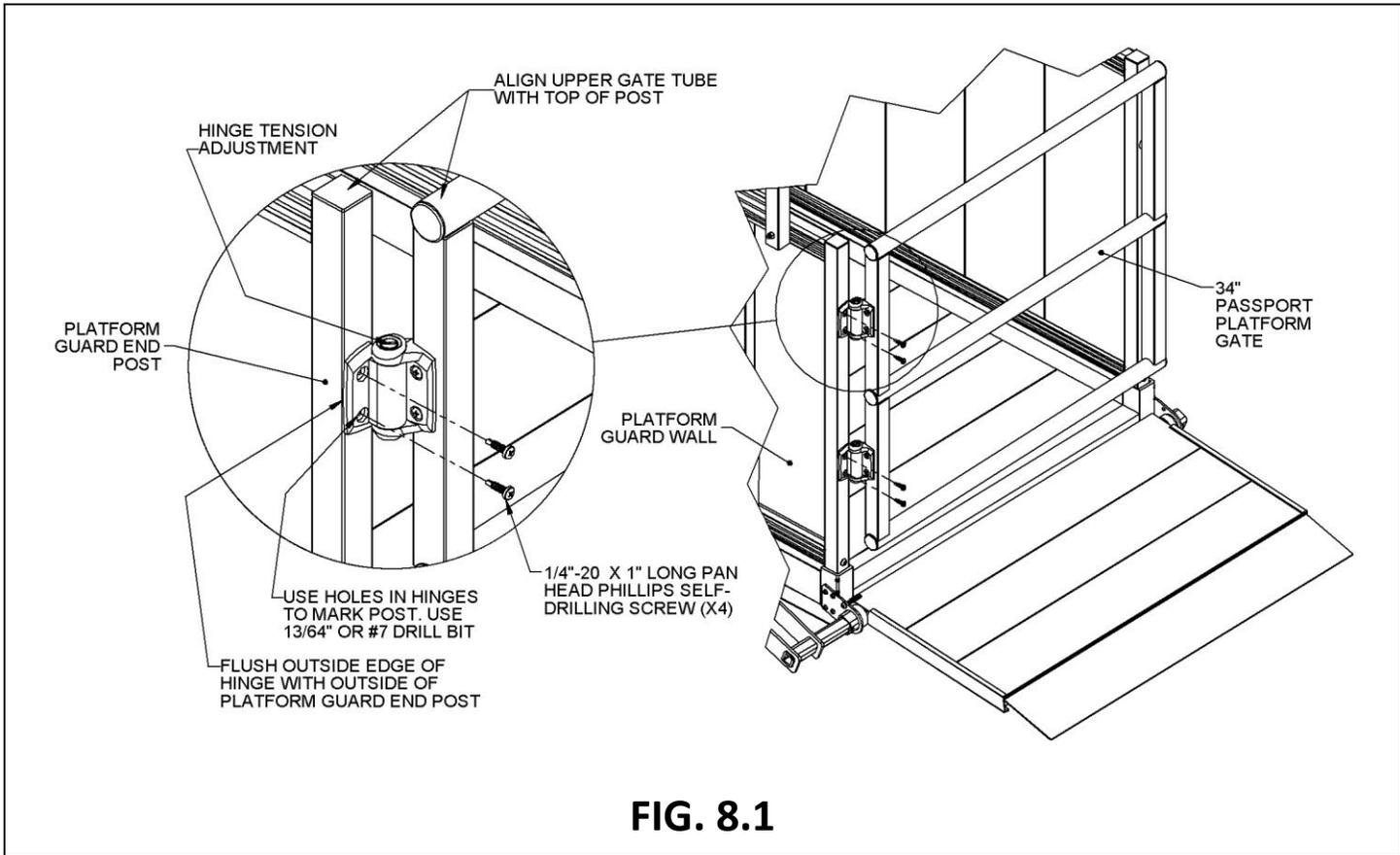


## 8. INSTALLING PLATFORM GATE

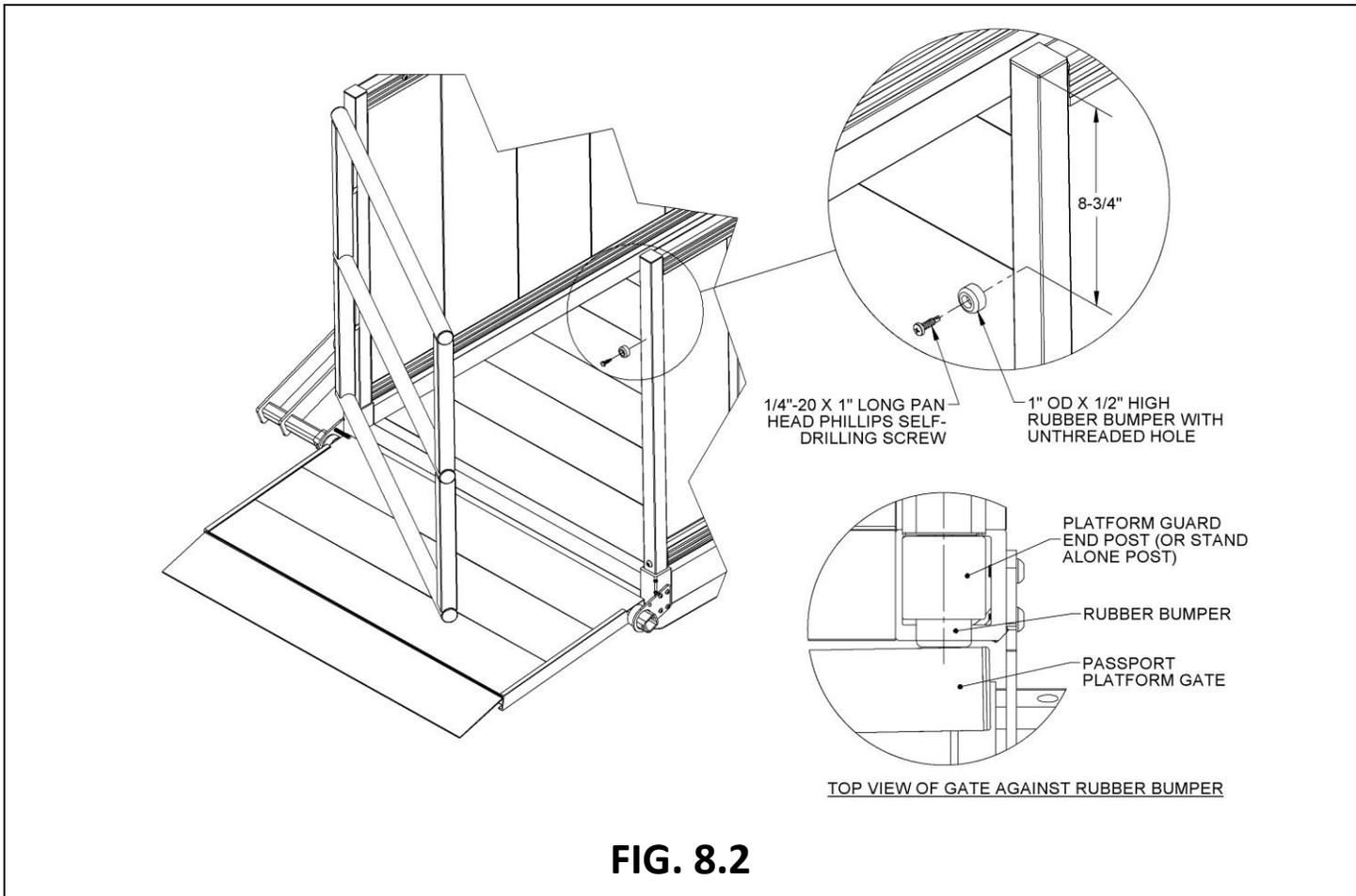
- 8.1. VPLs taller than 72" include, as standard equipment, a platform gate.
- 8.2. Platform gate installation is always on the guard ramp side of the platform. Its tension hinges are adjustable and can mount left or right.
- 8.3. Before starting installation, determine which side the hinges will be installed on, considering the required platform gate swing direction based on the specific installation and the end user's desired placement.
  - ⚠ Platform gate is for residential use only.
  - ⚠ Platform gate is not designed to bear weight. Never hang weight, of any kind, on gate. Damage and possible injury could result.
  - ⚠ Read and follow all labels, instructions, and warnings prior to installation and use.
  - ⚠ Do not use product until installation is complete.

IMAGE (NOT SHOWN TO SCALE)	DESCRIPTION	QTY.
	34" PASSPORT PLATFORM GATE	1
	1/4"-20 X 1" PAN HEAD PHILLIPS SELF-DRILLING SCREW	5
	1" OD X 1/2" HIGH RUBBER BUMPER WITH UNTHREADED HOLE	1

- 8.4. Position hinges in the desired location against the platform guard end post.
- 8.5. Further position the platform gate so the top of the upper tube aligns with the top of the platform guard end post. Flush the outside edge of the hinge with the outside edge of the platform guard end post (FIG. 8.1).
- 8.6. Once the platform gate and hinges are positioned, attach in one of two ways:
  - 8.6.1. Use the holes in the hinge as a template and mark the locations with a pencil or marker. Drill holes in one wall of the platform guard end post using a 13/64" (#7) drill bit, then insert four 1/4"-20 X 1" Pan Head Phillips Self-Drilling screws through the holes in the hinge and into one wall of the post, or
  - 8.6.2. C-clamp the platform gate in place and drive four 1/4"-20 X 1" Pan Head Phillips Self-Drilling screws through the holes in the hinge and into one wall of the post (FIG. 8.1).
- 8.7. Hinge tension is factory set. However, if you wish, you can adjust the tension as desired on both hinges using a flat screwdriver and adjusting from the top. Depress and turn counterclockwise to increase tension, clockwise to release tension. The platform gate should swing fully shut gently so as not to bounce off the bumper (installed in next steps) more than once.
- 8.8. Install the rubber bumper similarly to the hinges by drilling a 13/64" (#7) pilot hole through one wall of the opposite post, 8-3/4" from the top and centered vertically. Attach the rubber bumper to the post using one 1/4"-20 X 1" long pan head Phillips self-drilling screw (FIG. 8.2).



**FIG. 8.1**



**FIG. 8.2**

## 9. INSPECTION

9.1. Inspect all fasteners and anchors and ensure they are tightened securely.

## 10. TOWER PANELS

⚠ Tower Panels (“panels”) must be handled with extreme caution and care; they can become dangerous if falling or sliding. Installer must ensure the safety of people, animals, and property whenever working with panels.

10.1. There are 4 panels, each labeled on the back as Panel 1, Panel 2, Panel 3, and Panel 4.

### 10.1.1. REAR TOWER PANEL INSTALLATION

10.1.1.1. Follow FIG. 10.1 installation instructions.



Lower panel (Panel 4) fits under the upper panel (Panel 3).



Install all fasteners loosely during fitting of panels. Once fitted properly, tighten all fasteners securely.

### 10.1.2. FRONT TOWER PANEL INSTALLATION

10.1.2.1. Follow FIG. 10.2 instructions.



Lower panel (Panel 2) panel fits under the upper panel (Panel 1).



Install all fasteners loosely during fitting of panels. Once fitted properly, tighten all fasteners securely.

### REAR PANEL INSTALLATION

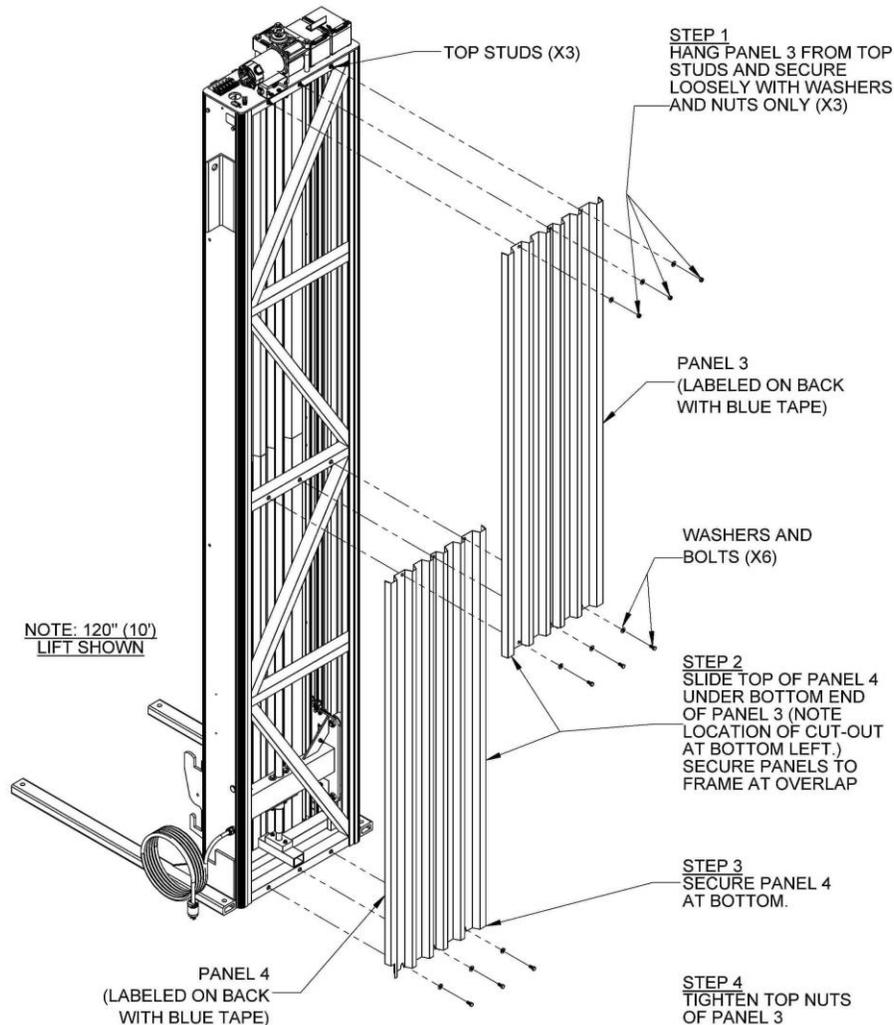
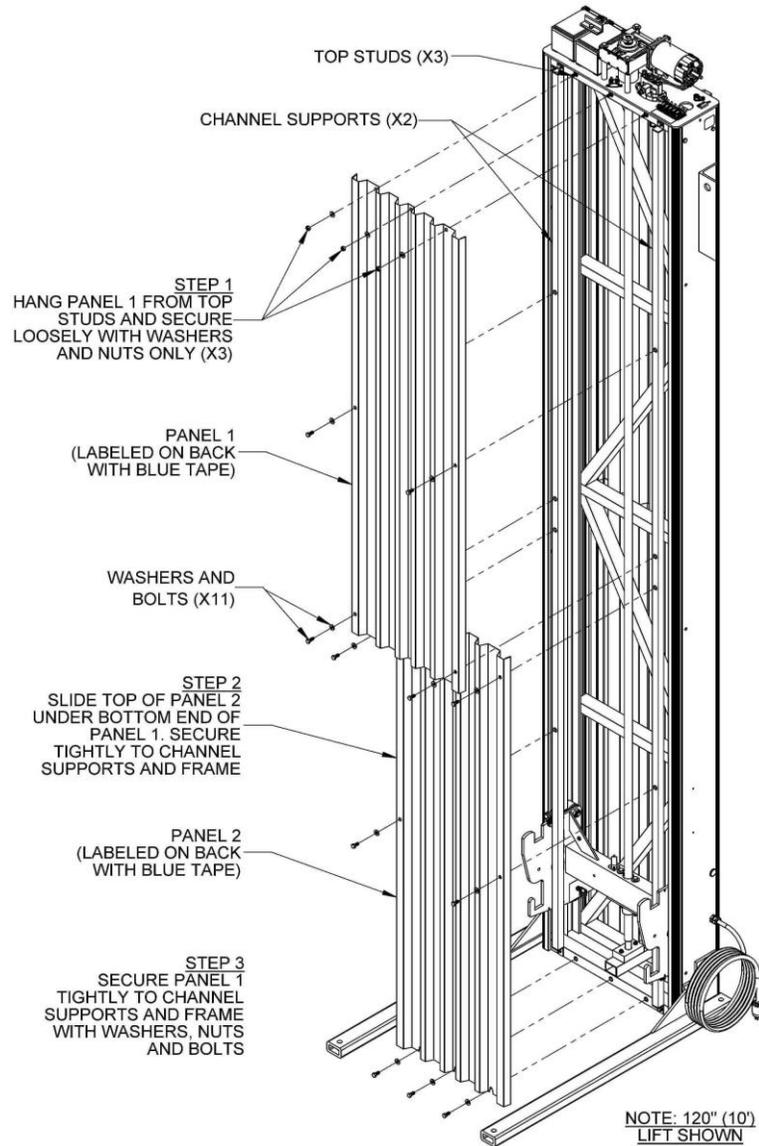


FIG. 10.1

## FRONT PANEL INSTALLATION



**FIG. 10.2**

## 11. FINAL TESTING

- 11.1 Once all installation is complete, perform a final functional test. Refer to the PASSPORT® Vertical Platform Lift (VPL) Installation Manual, including Supplements and Addendums, if any, for additional information on final testing procedures.
- 11.2 If you have questions, please refer to the PASSPORT® Vertical Platform Lift (VPL) User Manual and the PASSPORT® Vertical Platform Lift (VPL) Installation Manual, including Supplements and Addendums, if any, or call 1-800-451-1903.