

# **AR-130 VERTICAL PLATFORM LIFT**

---

## UPDATED WALL INSTALLATION GUIDE

**AR-130 RESIDENTIAL**

Rev: June 5th, 2018

p/n: 999923-0043



### DISCLAIMER

Please read these instructions carefully and keep for future reference. Incorrect installation will invalidate the Limited Warranty.

### SAFETY

Wear safety goggles, shoes and appropriate clothing when handling the Enclosure Panels as they have sharp edges and are very heavy. Handle Enclosure Panels with care, although the panels are very tough, impacts can damage materials and the metal frame. Keep clear of pinch points where the panels intersect and attach.

### BEFORE YOU BEGIN

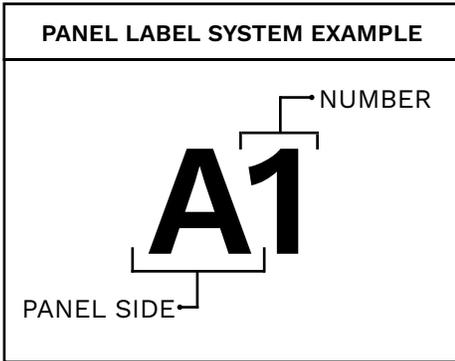
The enclosure should ONLY be fitted on an Atlas **AR-130** Vertical Platform Lift. The Enclosure Panels must be installed correctly, attempting to fit the incorrect sized panel is dangerous to the installer and could lead to damaging the panel. Always check very carefully and verify that the correct panel is in place before installing. To avoid damaging the finish, wait until the enclosure is fully assembled to remove the protective wrap.

### IMPORTANT

Ensure the panels are flush before tightening. Failure to do this will make the enclosure's structure weak and susceptible to rusting.

### PREPARATION

1. Please read this **AR-130** Installation Guide carefully. Check that all of the needed parts are included in the package. Examine boxes and packages for shipping damage. If the unit has been damaged, has a finishing defect, or has missing parts, please contact your Authorized Atlas Dealer immediately.
2. Please note that you should consult your local building codes with questions on installation compliance standards. Codes and regulations may vary by region, and Atlas is not responsible for code compliance standards for your project and will not accept any returns.
3. As with any Atlas installation, ensure that prior to the installation surface meets codes and regulations. Also make sure the walls are at right angles. Irregular installation surface level or improper angle of side walls will result in serious problems for your installation. Please, note that some adjustments and drilling might be necessary during the installation process.
4. Lastly, ensure that the **AR-130** Vertical Platform Lift has been positioned properly according to the site specifications before beginning the Enclosure Installation.



### Know your AR-130 Wall Panels

- The AR-130 cabin is manufactured to be installed in one unique configuration.
- Each panel is labeled with a Letter coupled with a Number.
- The Tower is considered T1. Continuing counter-clockwise the Panels are labeled A1, B1 and C1.

## 1. FLOOR INSTALLATION

### PROCEDURE

Install Cabin Floor

### INSTALL

1. Align Cabin Floor into position.
2. Fasten Cabin Floor to the Carriage using 6 Flat Head Machine Screws.



▲ Ensure the floor is properly positioned and the screw holes are aligned.



▲ Ensure the 6 Flat Head Machine Screws are firmly fastened.



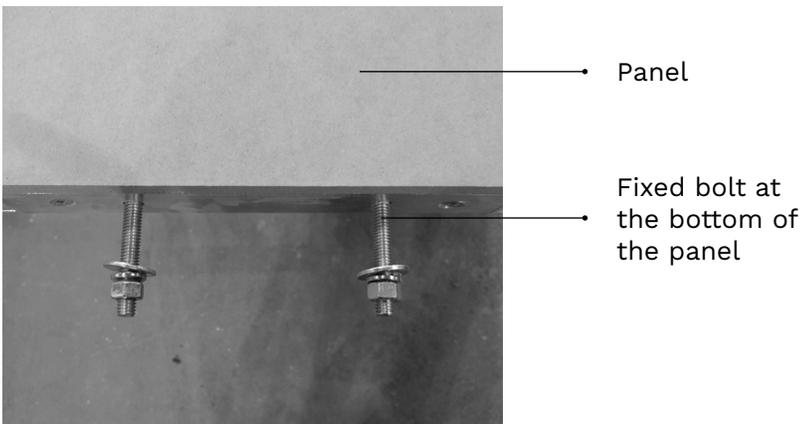
## 2. INSTALL C1 AND A1 PANEL

### PROCEDURE

Install Cabin C1 and A1 Panels

### INSTALL

1. Remove the Nuts, Lock Washers and Flat Washers from the fixed bolts on the bottom of the C1 and A1 Panels. **KEEP THE SAME BOLT CONFIGURATION FOR STEP 3.**
2. With the C1 Panel finishing facing inwards, align the bottom bolts with their respective holes and slide into position.
3. Ensure the point of contact between the C1 panel and flooring is clean and free of debris. With a flush alignment, tightly fasten each bolt.
4. Repeat the above steps for the A1 Panel.



### WARNING

If you are unable to access and tighten the bolts from underneath for all Panels (C1, A1, T1, B1 and B2) then raise the platform and insert the Safety Pins (Refer to Step 9 on Page 8). Securely tighten each panel to the Cabin Floor. Remove the Safety Pins and lower the platform. Continue the installation at Step 4 of this guide. (Page 5)



▲ INSTALLED C1 PANEL



▲ INSTALLED A1 (LEFT) AND C1 (RIGHT) PANELS WITH FINISHING FACING INWARDS



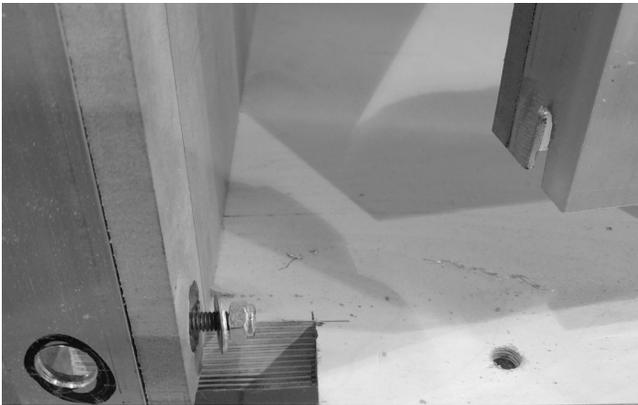
### 3. INSTALL T1 PANEL

#### PROCEDURE

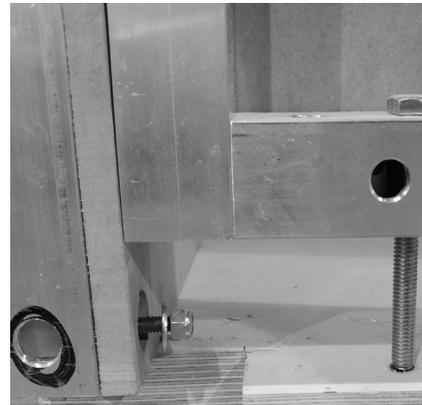
Install Cabin T1 Panel

#### INSTALL

1. Before installing the T1 Panel, ensure that the washer and nuts on the C1 and A1 panels are in correct position.
2. With the finishing facing inwards, position the T1 Panel and slide the slot, on each side, over the C1 and A1 bolt configurations. **ENSURE THE WASHER AND HEX NUT ARE ON THE INSIDE OF THE T1 PANEL**
3. Fasten and tighten the nuts on each side from the underneath.
4. From the T1 Inner Panel Access Hole, fasten the T1 Panel top the Carriage by tightening the Hex Bolts to the T1 Cross Member Support. There is one Hex Bolt on each side.



▲ ENSURE THERE IS MAXIMUM SPACE FOR THE T1 PANEL SLOT TO SLIDE BETWEEN THE WASHER/NUT AND THE A1 AND C1 PANELS.



▲ ENSURE THERE IS ENOUGH CLEARANCE FOR THE T1 PANEL SLOT TO SLIDE BETWEEN THE WASHER/NUT AND THE A1 AND C1 PANELS.



▲ ACCESS EACH HEX BOLT FROM THE T1 INNER PANEL. ENSURE EACH HEX BOLT ON EACH SIDE IS FIRMLY TIGHTENED.



▲ ENSURE EACH HEX BOLT ON EACH SIDE IS FIRMLY TIGHTENED



## 4. INSTALL T2 ACCESS PANEL

### PROCEDURE

Install the T2 Access Panel

### INSTALL

1. Prep the T2 Access Panel for installation by centering the 4 Slide Pins.
2. Place the Access Panel into position. Align pins holes and slide the 4 Slider Pins into position.



▲ SLIDER PINS BACKED OUT AND CENTERED.



▲ FOR VIEWING PURPOSES THE ACCESS PANEL IS NOT SHOWN.



▲ UPPER LEFT SLIDER PIN IN FINAL POSITION.



## 5. INSTALL COP

### PROCEDURE

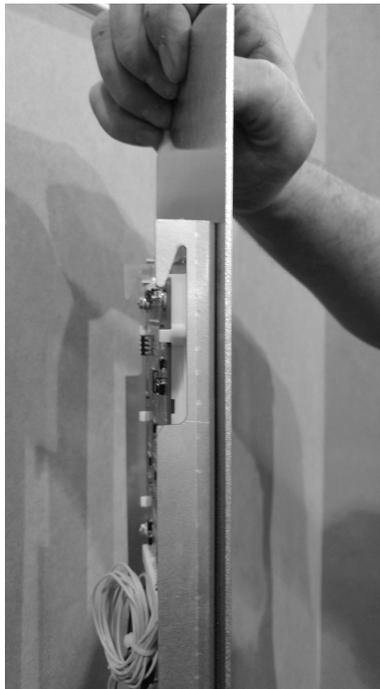
Install COP on the T2 Access Panel.

### INSTALL

1. Unscrew the COP Support Screw.
2. Mount COP by positioning the COP inside the uppermost point of the T2 Access Panel Cutout.
3. Slide the COP down into position on the Screw Mounts.
4. Open Access Latch and fasten firmly the COP Support Screw.



▲ UNSCREW COP SUPPORT SCREW ON THE LEFT.



▲ SLIDE COP HOOKS OVER SCREWS MOUNTS.



▲ SCREW IN FIRMLY COP SUPPORT SCREW



## 6. INSTALL B1 AND B2 PANELS

### PROCEDURE

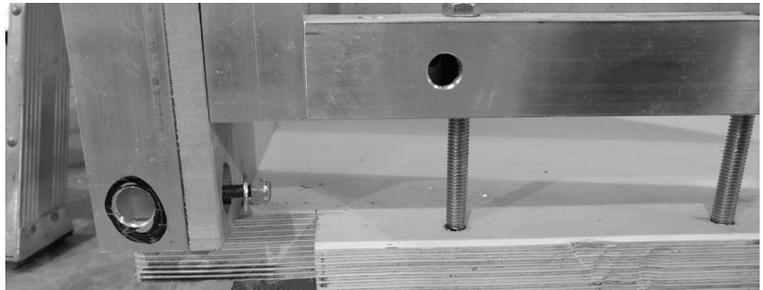
Install the B1 and B2 Panels

### INSTALL

1. With the finishing facing inwards, position the B1 Panel and slide the slot, on each side, over the A1 bolt configurations. **ENSURE THE WASHER AND HEX NUT ARE ON THE INSIDE OF THE B1 PANEL.**
2. Fasten and tighten the nuts on each side from the underneath.
3. Repeat Steps 1-3 n the other side for the B2 Panel.



▲ UNDERSIDE OF THE B1 PANEL. ENSURE TO REMOVE THE NUTS AND WASHERS PRIOR TO INSTALLING THE B1 PANEL.



▲ ENSURE THERE IS ENOUGH CLEARANCE FOR THE B1 AND B2 PANEL SLOTS TO SLIDE BETWEEN THE WASHER/NUT AND THE A1 AND C1 PANELS.

## 7. FASTEN UPPER CORNERS

### PROCEDURE

Fasten the upper corners of the Panels.

### INSTALL

1. Fasten each corner of the Cabin using a Hex Bolt, nut, 2 flat washers and lock washer. **ENSURE TO KEEP SAME BOLT CONFIGURATION AS SHOWN IN THE IMAGE BELOW.**



▲ ENSURE TO KEEP SAME BOLT CONFIGURATION AS SHOWN IN THE IMAGE ABOVE.



## 8. INSTALL THE CEILING

### PROCEDURE

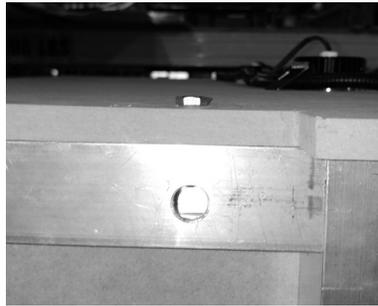
Fasten the upper corners of the Panels.

### INSTALL

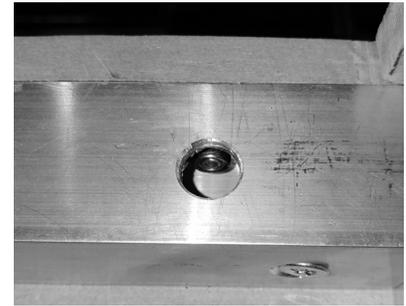
1. Position the Ceiling into position and fasten each Hex bolt to the Threaded Insert on the Cabin Panels Frame. **ENSURE THE HEX BOLTS ARE SECURELY FASTENED TO THE THREADED INSERTS.**



▲ ENSURE THAT THE HEX BOLTS ARE SECURELY FASTENED TO THE THREADED INSERTS.



▲ SIDE VIEW



▲ ZOOMED IN VIEW OF THE THREADED INSERT

## 9. SECURE CABIN WALLS

### PROCEDURE

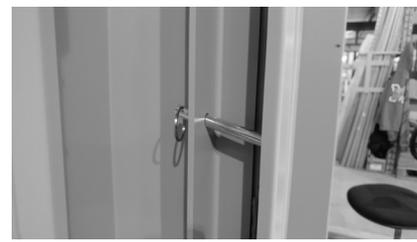
Raise the platform and securely fasten all Cabin Walls to the Cabin Floor.

### INSTALL

1. Raise the Cabin and insert the Safety Pins on each side of the rail for security.
2. Securely fasten the Hex Bolts for each Cabin Panel from underneath.



▲ SAFETY PIN INSERT POINT ON RAIL.



▲ SAFETY PIN INSERTED INTO POSITION ON THE RAIL.

**CONTINUE WITH THE AR-130 INSTALLATION GUIDE**

**AR-130 VERTICAL PLATFORM LIFT**  
**UPDATED CABIN CALL INSTALLATION GUIDE**

