



Pivot Mount- P/N PM1000

INSTALLATION INSTRUCTIONS

For additional assistance call (888)-514-0083 between 8AM-5PM EST or email: info@pactoolmounts.com

CAUTION

To avoid the risk of personal injury, property damage or product damage, please use the included fasteners for mounting.

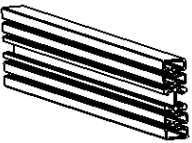




- * This product must be securely mounted to a stable surface and material.
- * This product contains the mounting hardware to assemble a swing out tool board made from PAC Double Face Dual Trac sections. (Dual Trac and fasteners sold separately).
- * Misuse of this product may result damage or injury and void warranty.
- * Verify that all fasteners have been tightened securely before putting into service.
- * CAUTION: Cut edges of aluminum extrusions may be sharp. Use care when handling or assembly.



Tool Board materials and hardware are determined by size and/or customer specifications and therefore must be ordered separately. Illustrations shown may not be representative of quantity or size for every application.

STEP 1 – Assemble Tool Board

Align all sections of Pac Trac **P/N 7040** on top of each other as shown. Position channel nuts **P/N 2023** into center channel on Pac Trac. Nuts may be slid in from the end or dropped in and rotated into position. Cap **ONE** end of the Pac Trac with the U-Channel **P/N 7009**. Attach the U-Channel with hex head bolts **P/N 2094**. Check that the board is square and even before securing. Do not over tighten.

Items Required for this step	Qty
 P/N 7040 Double Face Dual Trac	Per application
 P/N 7009 U-Channel	1 Length per application
 P/N 2094 1/4-20 x 5/8 Hex Bolt	2 ea. per Pac Trac section
 P/N 2023 1/4-20 Channel Nut	2 ea. per Pac Trac section
 7/16 Wrench	not included

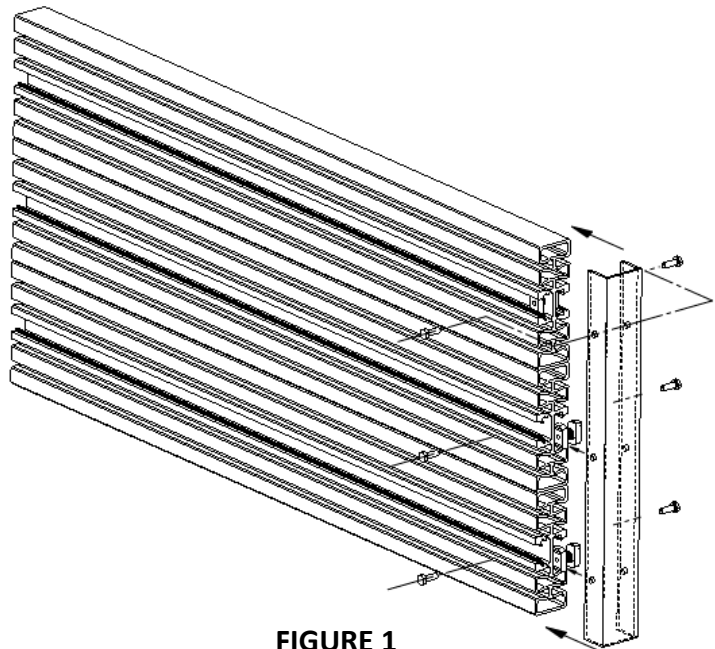
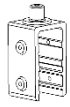
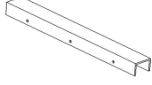






FIGURE 1

STEP 2 – Assemble Tool Board – Continued

Items Required for this step	Qty
 P/N 1091 Pivot Bracket	2
 P/N 7009 U-Channel	1 Length per application
 P/N 2094 ¼-20 x 5/8 Hex Bolt	2 ea. per Pac Trac section
 P/N 2023 ¼-20 Channel Nut	4 + 2 ea. per Pac Trac section
 P/N 2038 ¼-20 x 1 Hex Bolt	4
 7/16 Wrench	not included

Working from the opposite side of the attached U-Channel, insert (4) Channel Nuts **P/N 2023** into both sides of center channel on the top and bottom Pac Trac sections. Slide Pivot Bracket modules **P/N 1091** onto top and bottom Pac Trac sections as shown in **figure 2a**. Align innermost hole with channel nuts and attach screw **P/N 2038**. Brackets may need to be spread open slightly to attach.

Align Pivot Brackets by measuring from the end of the tool board as shown in **figure 2b**. The position of the Pivot Brackets depend on the equipment mounting requirements and/or the depth of the compartment. A minimum distance of 1-1/4" from the cut edge of the Pac Trac to edge of the Pivot Bracket is required.

 PIVOT BRACKETS MUST BE IN-LINE FOR SWING OUT TOOL BOARD TO FUNCTION PROPERLY.

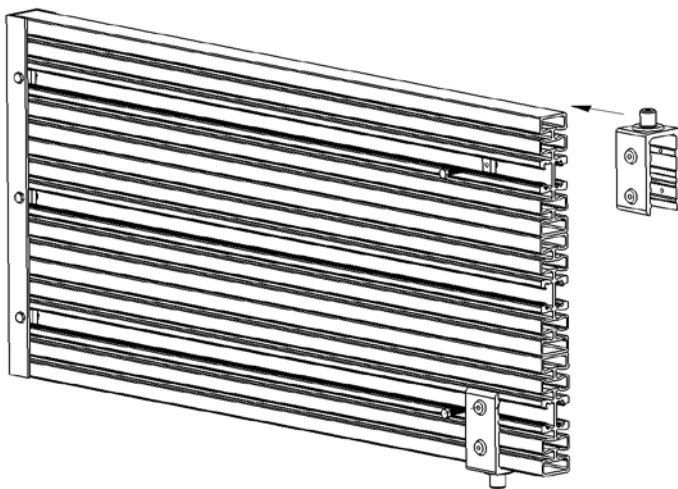


FIGURE 2a

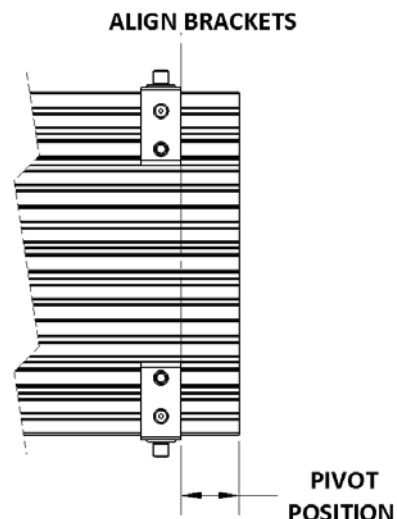


FIGURE 2b

Attach U Channel **P/N 7009** to tool board with channel nuts **P/N 2023**, screws **P/N 2094**. Make sure there are no gaps and the panel is square. Tighten all fasteners.

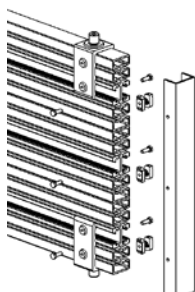


FIGURE 2c



FIGURE 2d

STEP 3 – Locate and Attach Base Supports in Compartment

Place **assembled Pivot Mounting Base**, **pre-assembled Slam Latch Base** and **assembled Tool Board** into compartment as shown below and position to suit equipment mounting requirements. Position tool board in both closed and open positions to check for obstructions.

Mark attachment locations through Z-mount mounting holes. Remove components and drill holes into compartment for mounting. Installer provided mounting hardware is necessary. PAC recommends through mounting with a bolt and nut whenever possible however tapped holes may also be used if the compartment wall thickness and material is suitable.

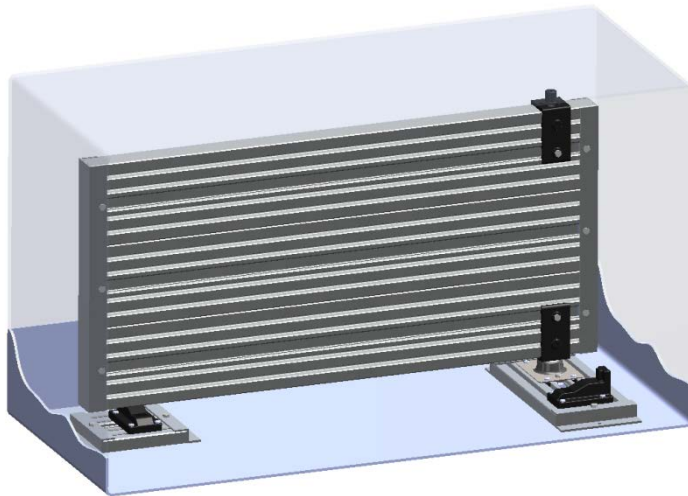


FIGURE 3a

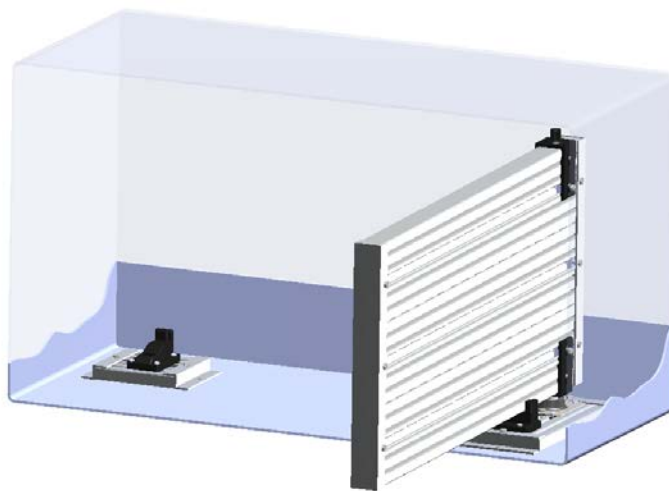


FIGURE 3b

STEP 4 – Assemble Upper Mounting Frame





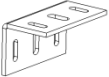








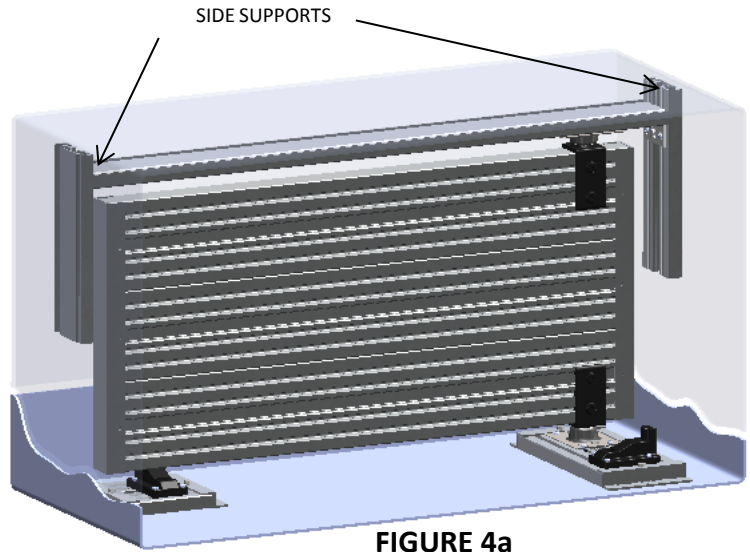
Some items required for this step must be ordered separately with the materials specific for the application.

The upper mounting frame supports the upper pivot bearing and attaches to the side supports as shown in **figure 4a**.

In order to ensure the upper frame is located properly, pre-assemble the components and fit to the compartment walls. Once locations have been marked the assembly can be partially disassembled and the side supports can be attached.

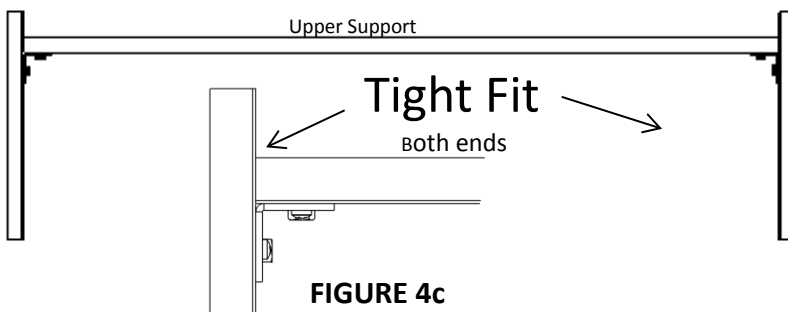
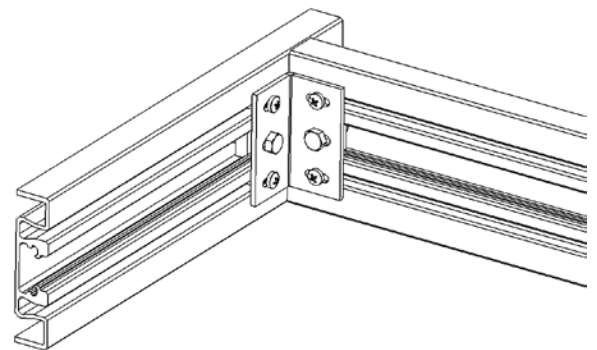
NOTE: The side supports must be mounted to the compartment walls securely. Attaching the side supports require that the installer provide the necessary fasteners and/or attachment methods for their mounting.

Items Required for this step		Qty
	P/N 1F572 Pivot Bearing	1
	P/N 1099 Bearing Lock Plate	1
	P/N 7050 Mini Dual Trac Upper Support	1 Length to Suit
	P/N 7050 x 12" LG Mini Dual Trac Side Supports	2
	P/N 3018 PT Connector	2
	P/N 7016 Trac Lok insert	12
	P/N 2049 #10-24 Pan Head Screw	12
	P/N 2023 1/4-20 Channel Nut	6
	P/N 2094 1/4-20 x 1 Hex Head screw	6
	Drill/Driver with Phillips Bit	not included
	7/16 Wrench	



Attach Side Supports **P/N 7050 x 12"** to the Upper Support **P/N 7050** using PT Connectors **P/N 3018**, channel nuts **P/N 2023**, Trac Lok Inserts **P/N 7016**, screws **P/N 2049** & **P/N 2094** as shown in **Figure 4b**.

Note: Do not tighten completely until final assembly. The Upper support should fit tightly to the side supports when fitted to compartment walls. (see figure 4c)



STEP 4 – Assemble Upper Mounting Frame- Continued

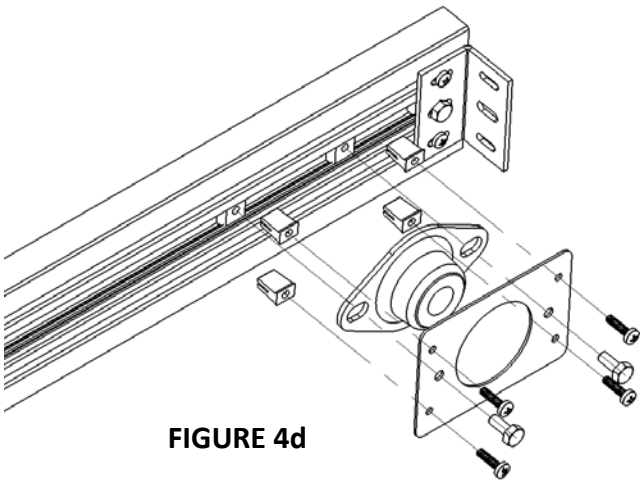


FIGURE 4d

Attach Bearing Assembly: Attach bearing **P/N 1F572** and bearing lock plate **P/N 1099** using channel nuts **P/N 2023**, Trac Lok Inserts **P/N 7016**, and screws **P/N 2049 & P/N 2094** to Upper Support as shown in **Figure 4d**. The location must be in-line with the lower bearing assembly when panel is installed.

Note: Do not tighten completely until final assembly.

The Pivot Mounting Base, pre-assembled Slam Latch Base and Side Supports should now be mounted and secured to the compartment floor and walls. **See Figure 4e**

Place the assembled tool board into the lower pivot bearing assembly allowing the board to be supported by the Slam Latch Base. **Figure 4f** Position the upper bearing assembly over the pivot bracket on the tool board and attach the upper support. Some repositioning of the upper bearing may be necessary to allow the tool board to swing freely without any interference. Once in final position, tighten all fasteners.



CAUTION: Do not over tighten. See PAC Fastener Installation and Data Sheet for more information.

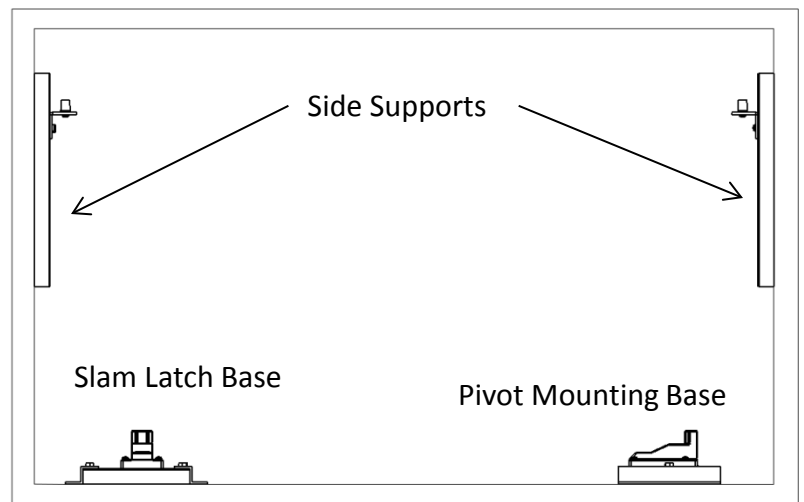


FIGURE 4e

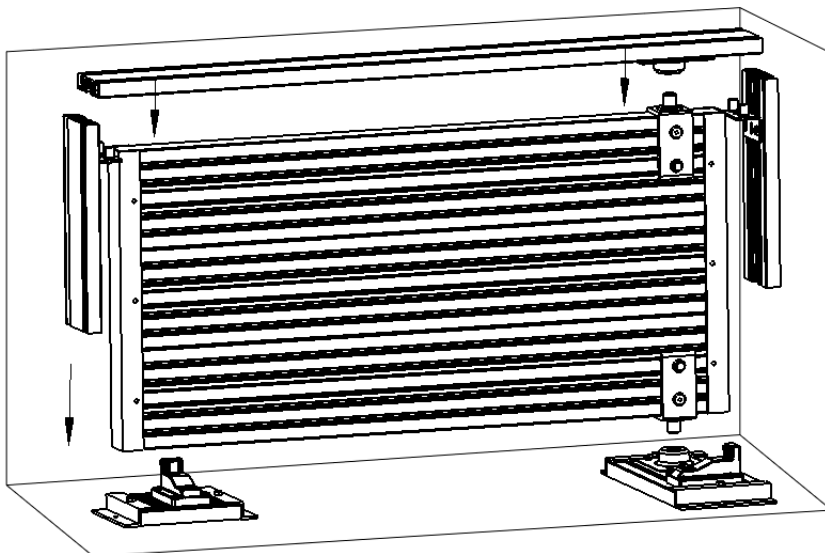
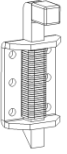






FIGURE 4f



Before moving on to final assembly, verify that the tool board opens and closes properly and does not sag, tilt or bind. Adjust upper bearing assembly or upper support if needed.

STEP 5 – Mount Slam Latches

Items Required for this step	Qty
 <p>P/N AH709SOZN Slam Latch</p>	2
 <p>P/N 2077 1/4-20 x 2-1/4" Hex Bolt</p>	8
 <p>P/N 2069LN 1/4-20 Hex Nut</p>	8
 <p>Drill/Driver with 17/64" bit</p>	not included
 <p>7/16 Wrenches</p>	

Position the slam latch against the closed tool board and over the latch mounting base. Allow the latch to nest into the retaining pocket. The bottom of the latch should be flush or approximately 1/16" below the bottom edge of the tool board. **See Figures 5a & 5b**

Transfer the location of the bottom four mounting holes in the slam latch onto the tool board.

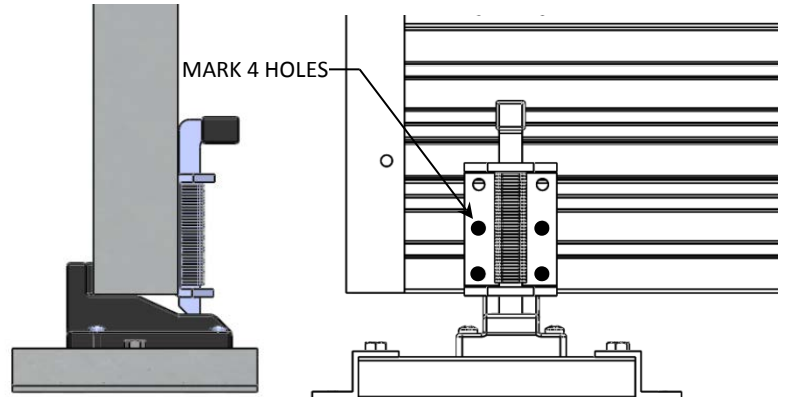


Figure 5a

Figure 5b

Drill a 17/64" diameter hole completely through the tool board in the four marked locations. **See Figure 5c**

Attach slam latch with four hex bolts **P/N 2077** and locking hex nuts **P/N 2069LN**

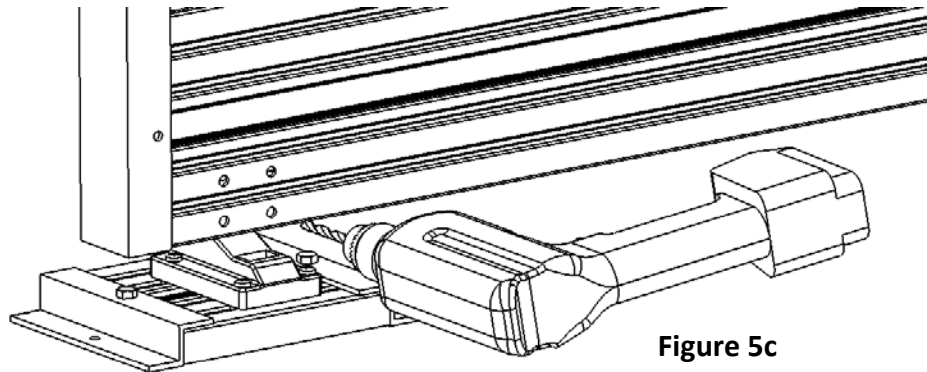


Figure 5c

Repeat this process for the slam latch used to hold the tool board in the open position **See Figure 5d**

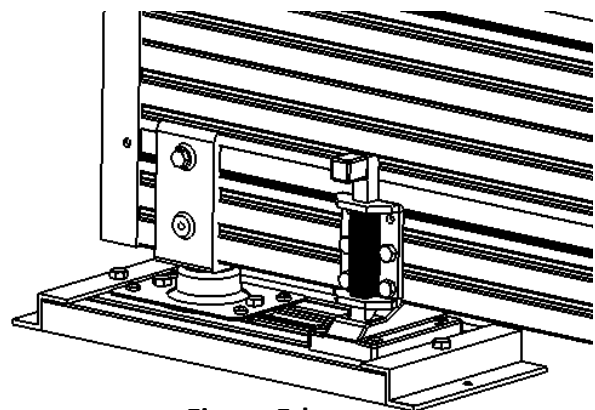






Figure 5d

STEP 6 – Secure Pivot Brackets

Items Required for this step		Qty
	P/N 2097 ¼-20 x 2-3/4" Hex Bolt	2
	P/N 2069LN ¼-20 Hex Nut	2
	Drill/Driver with 17/64" bit	not included
	7/16 Wrenches	

Prepare the upper Pivot Bracket for mounting to the tool board by drilling completely through the smaller hole in the bracket and through the panel with a 17/64 drill bit.
See Figure 6a

Repeat this process for the lower pivot bracket.
See Figure 6b

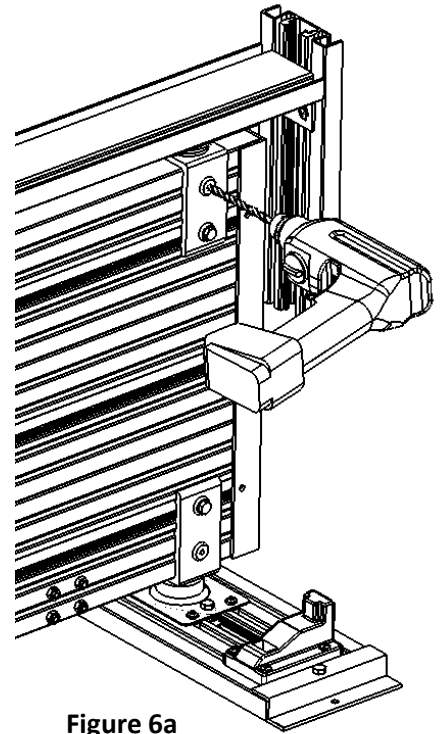


Figure 6a

Secure both brackets with hex bolt **P/N 2097** and Hex lock nut **P/N 2069LN**. **See Figure 6c**

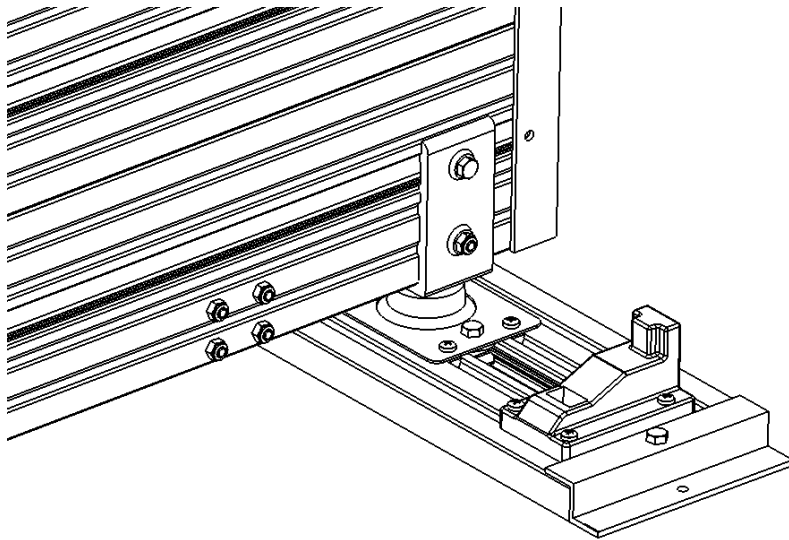


Figure 6c

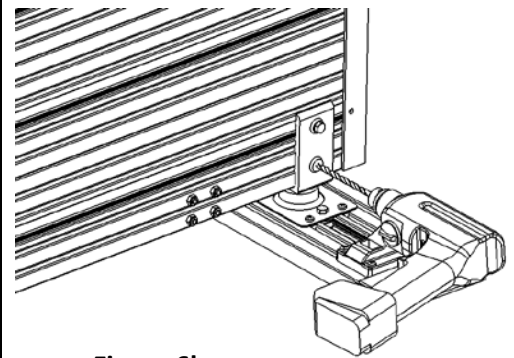







Figure 6b

STEP 7 – Attach Pull Handle

Items Required for this step		Qty
	P/N 4303-1 Grab Handle	2
	P/N 2046 #10-24 x 1" Pan Head Screw	2
	P/N 2011 Flat Washer	2
	P/N 7016 Trac Lok Insert	2
	Drill/Driver with Phillips bit	not included

Attach the grab handle to the tool board in the desired location with Phillips head screws **P/N 2046**, flat washers **P/N 2011** and Trac Lok inserts **P/N 7016**.

See Figure 7

For convenience, screws may be partially engaged into Trac Lok inserts prior to inserting them into corresponding channels in the tool board.

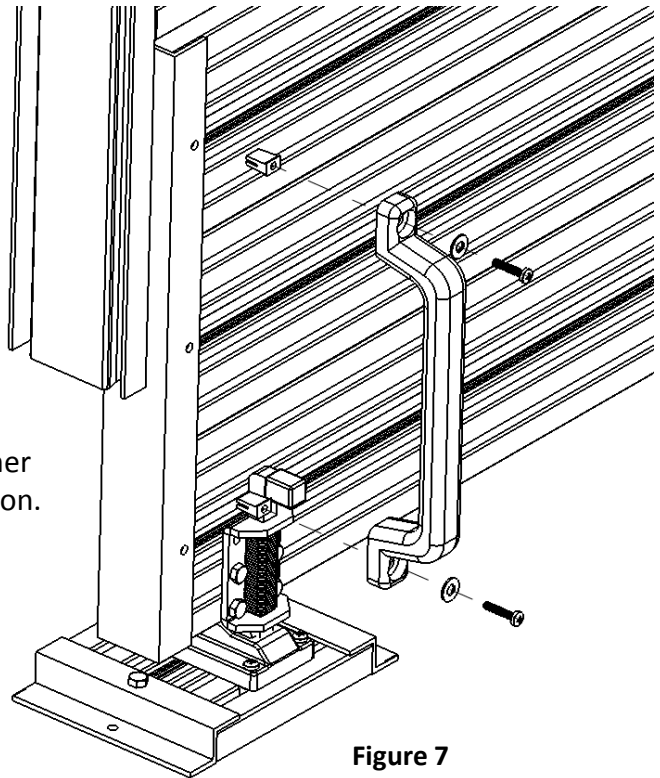


Figure 7



CAUTION: Do not over tighten. See [PAC Fastener Installation and Data Sheet](#) for more information.

COMPLETED ASSEMBLY

