

TECHNICAL GUIDE

PRO 170, PRO 220 WITH CONVERSION KIT (302707) FOR SEADOO SWITCH®

Congratulations on your new Wave Armor PRO boat port. Our drive on ports accommodate a variety of watercraft. We're going to show you just how easy it is to get the right adjustments and fit your watercraft to perfection. Please follow these next few steps and enjoy.

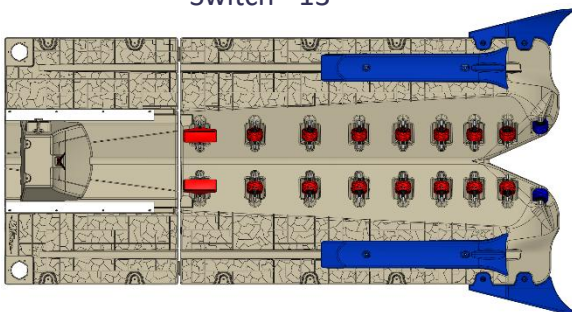
Tools needed:

- 9/16" Socket and Ratchet
- 9/16" Wrench
- Cordless Impact 1/4" Drive
- Cordless Drill
- 9/16" Driver for Cordless Impact
- 1/2" Drill Bit
- Tape Measure
- Pencil/Permanent Marker
- 2' Pry Bar
- 2 LB or Larger Mallet

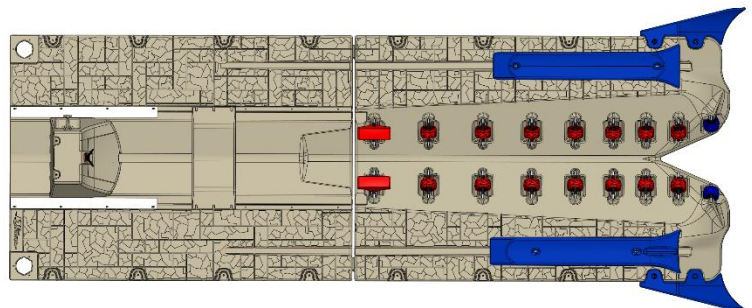
Step 1. Confirm your application, circle your application below in segments A, B & C.

A. PORT MODEL

PRO 170
Switch® 13'



PRO 220
Switch® 16', 18', 19', 21'



B. SEADOO SWITCH® SIZE

Switch® 13'

Switch® 16'

Switch® 18'

Switch® 19'

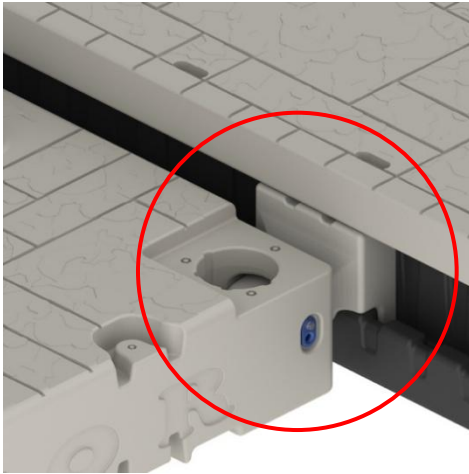
Switch® 21'



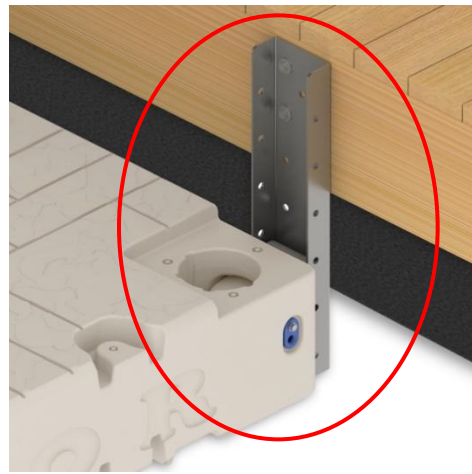
C. MOUNTING CONFIGURATION

OPTION 1 Front Mount:

Pro Port To Wave Dock
([302196](#))

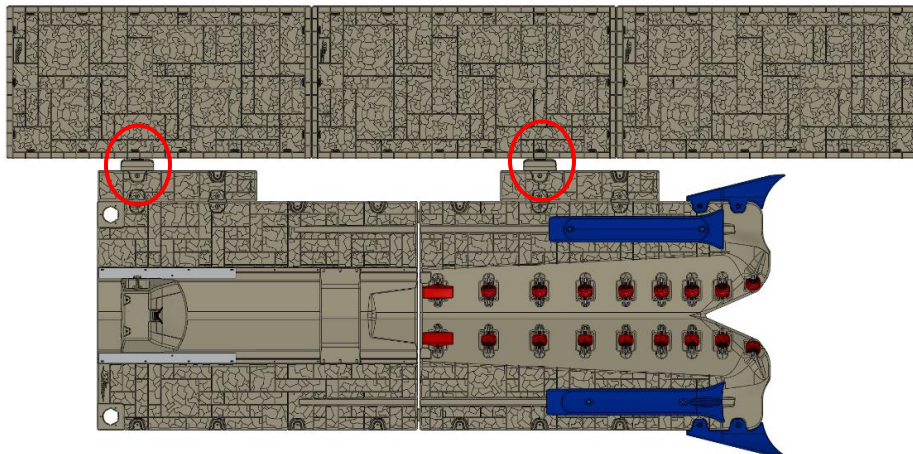


Pro Port To Floating Dock or Wall
([302197/302198](#))

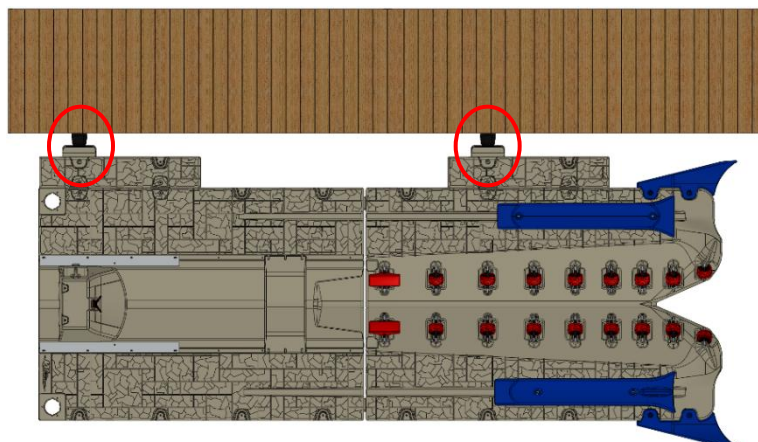


OPTION 2 Side Mount: (*Must Use Pro Inline Side Wing ([302498](#)) With Side Slide Assemblies*)

Side Mount Slide Assembly To Wave Dock ([302789](#))



Side Mount Slide Assembly To Floating Dock ([302793](#))

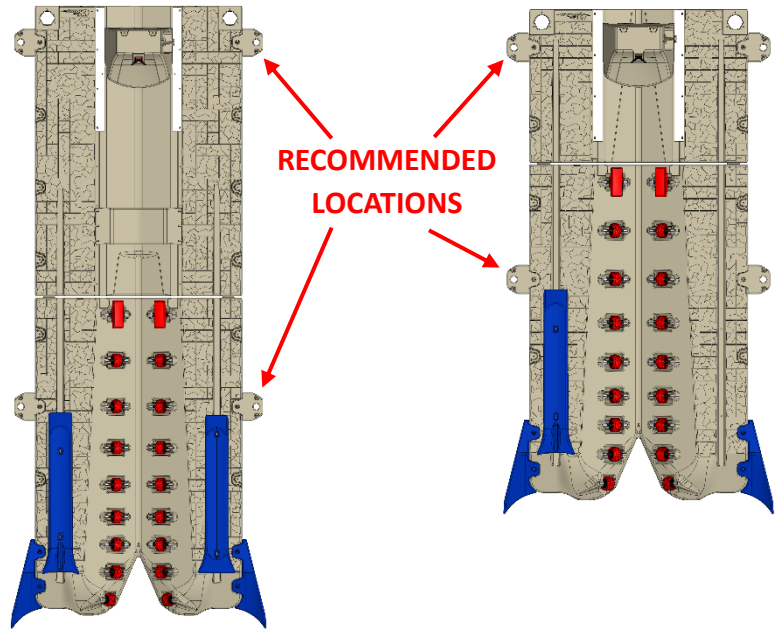


OPTION 3

Post Mount:

Pro Side Post Attachment

- 2" 302649
- 3" 302650

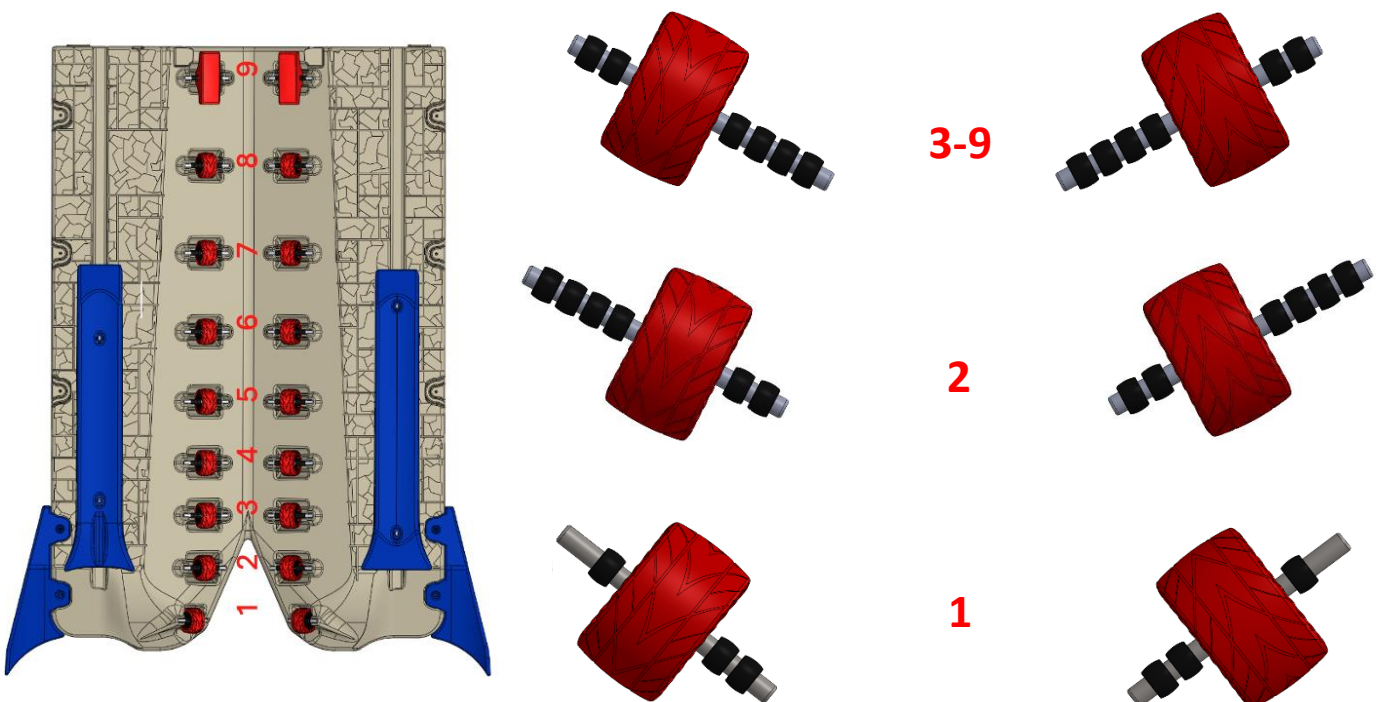


Pro Port Pipe Sleeve

- 2" 302128
- 3" 302152
- 4" 302768



Step 2. Adjust Wheels & Spacers To Fit Your Machine (Recommended Settings)



Step 3. Install Friction Pads Per Application

| Friction Pads | Front Mounted | Side Mounted | Post Mounted | Wheel Pocket Location 8 or 9 |
|-----------------------|---------------|--------------|--------------|------------------------------|
| PRO 170, 13' Switch | YES | YES | NO | 8 |
| PRO 220 16/18' Switch | NO | NO | NO | 9 |
| PRO 220 19/21' Switch | YES | YES | NO | 9 |

- *Refer to wheel pocket locations shown on step 2
- *Use friction pads in place of wheel to prevent roll back when loading onto port

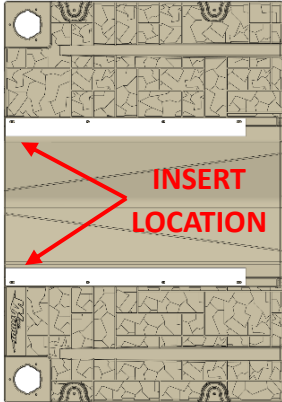


Step 4. Set 4" Aluminum Rails

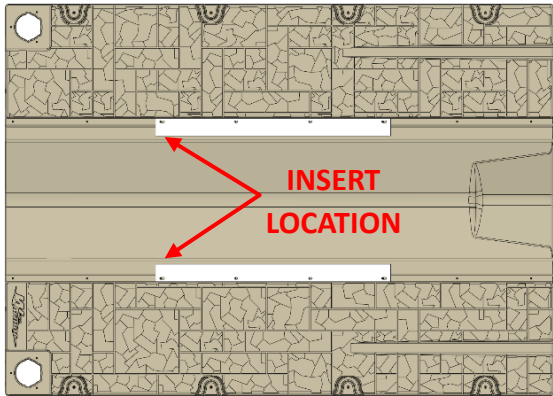
| Front of Aluminum Rail | Front Bolt Location |
|------------------------|---------------------|
| PRO 170, 13" Switch | 1 |
| PRO 220 16/18' Switch | 3 |
| PRO 220 19/21' Switch | 2 |

- *Place rails and leave bolts loose until step 5

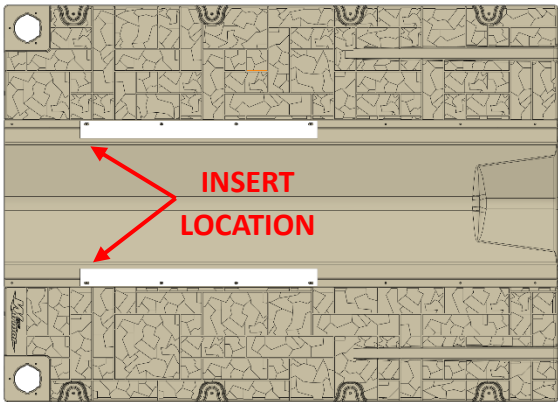
PRO 170, 13' SWITCH



PRO 220, 16/18' SWITCH



PRO 220, 19/21' SWITCH

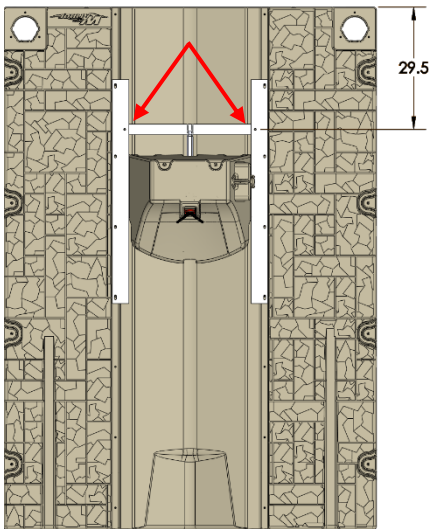


Step 5. Set Bow Stop

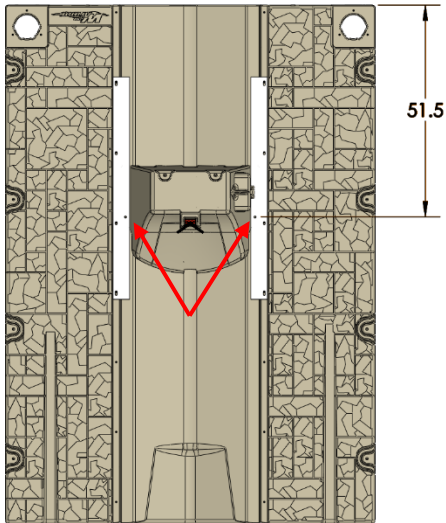
| Bow Stop Bolt Location | W/ Power Launch Assist | Stationary |
|------------------------|------------------------|------------|
| PRO 170, 13' Switch | 19.5 | 41.5 |
| PRO 220 16/18' Switch | 45.5 | 67.5 |
| PRO 220 19/21' Switch | 29.5 | 51.5 |

- *Remove 4" aluminum rails from port before drilling holes, to prevent damage to port.
- *Loosely thread all 10 bolts then tighten.

W/ POWER LAUNCH ASSIST EXAMPLE



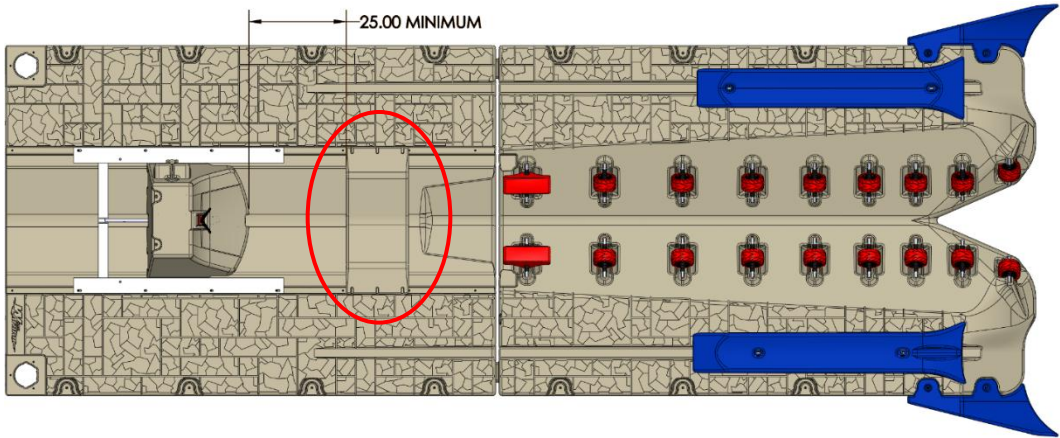
STATIONARY EXAMPLE



Step 6. Install Keel Rest Pad

| Keel Rest Pad Needed | YES / NO |
|-----------------------|----------|
| PRO 170, 13' Switch | NO |
| PRO 220 16/18' Switch | YES |
| PRO 220 19/21' Switch | YES |

- *Use either forward, center, or rear fastening slots.
- *Keep keel rest pad as close to bow stop as possible while also maintaining 25" minimum open space between the nose of bow stop and pad (with bow stop fully retracted).



Step 7. Install Buoyancy Boosters (Recommended)

| Buoyancy Boosters | Front Mounted | | | Side Mounted | | | Post Mounted | | |
|-----------------------|---------------|-----|----------|--------------|-----|----------|--------------|-----|----------|
| | YES/NO | QTY | LOCATION | YES/NO | QTY | LOCATION | YES/NO | QTY | LOCATION |
| PRO 170 13" SWITCH | NO | - | - | YES | 2 | 5 | NO | - | - |
| PRO 220 16/18' SWITCH | NO | - | - | YES | 2 | 5 | YES | 2 | 2 |
| PRO 220 19/21' SWITCH | YES | 2 | 3 | YES | 2 | 2 | YES | 2 | 2 |

