

Step By Step Assembly Photos
40-ft Patio Roll-in Patriot Dock
(Roll-in wheel kit installed at shore end of patio)
US Dock and Hardware LLC



Lay out frames



Start at Shore end



Loosely assemble 1st frame



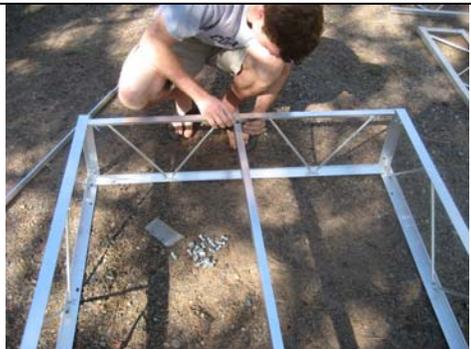
Attach connector rail



Start frame #2



Continue with other frames



Install End Rail on last frame



Lake end view



Tighten all frame bolts



Continue tightening bolts



Assemble 4x8 patio frame



**Attach patio to main dock
(Add bench uprights now)**



Install pipe post brackets



Place roll-in posts in brackets



Slide wheel & connector on axle



Slide on washers & other wheel



Raise dock slightly



Lift and install axle w/wheels



Alt. wheel location at end of patio



Install underside frame braces



Frame brace pattern



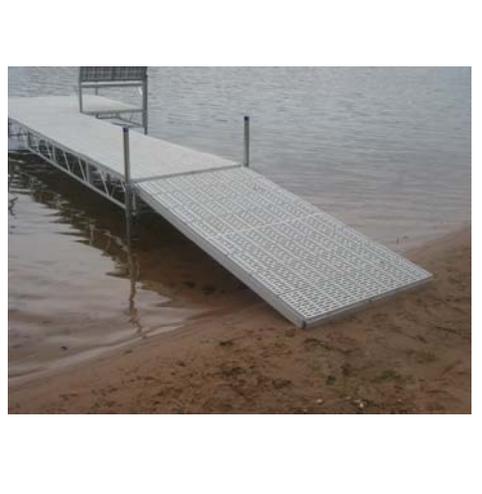
Roll dock into position



Level dock frame in water



Completed frame in water

		
<p>Assemble poly panels into 4x4's</p>	<p>Install deck locks (optional)</p>	<p>Completed 4x4 section</p>
		
<p>Install panels on dock frame</p>	<p>Twist locks to secure to frame</p>	<p>Complete decking installation</p>
		
<p>Optional shore ramp frame</p>	<p>Note add'l posts @ shore end</p>	<p>Place decking and secure</p>

Notes:

1. Typically install roll-in wheel kit at end of dock, especially for soft and mucky bottoms or for steep inclines. This 40-ft patio dock has the wheels at the shore end of the patio for easier weight balance and because of a drop off in the lake bottom at the patio location. It has two posts at the end of the patio (requires one post added to standard package).
2. Install the bench uprights while frame is being assembled or install later replacing one bolt at a time (additional help required). It is far easier to install at the beginning.
3. Shore ramps typically require two added posts at the shore end of the dock.
4. For added lengths, it is recommended that quick connecting plates be used to install two or more segments. Each segment should have an end rail installed on the lake end for strength.

Alternate Dock Frame Assembly

The following photos show a 24-ft Patio Roll-in dock with the wheel kit at the end of the patio and with a bench on the patio.



Bench Installation

Install bench uprights **WHEN ASSEMBLING DOCK FRAME** with longer 3/8" bolts provided. The 1/2" bolts are only to be used for non-standard mounting locations and for mounting to other dock brands. The 3/8" bolts provided are to be used with existing holes in the dock frame. These bolts replace the shorter bolts included with the dock frame. The seat and back can be installed before or after dock is installed in the water.



Quick Connect Plates

Use Quick Connect Plates for long docks. Basically, this connects two or more docks together. Mount one plate on each side of the lake end of the first dock section behind pipe post brackets (straight dock wheel kit), with 3 holes facing out to lake. Install first dock section in lake from shore and position. Push out second section of dock and slide back inside plates (it will not drop down from top), and install one 1/2" bolt into matching hole of each side.

