

Keys to Assembly Success

Tools Required

<ul style="list-style-type: none"> • Tape Measure • Carpenters Level • Carpenters Square • Claw Hammer • Standard or Cordless Drill • Rubber Mallet 	<ul style="list-style-type: none"> • #1 Phillips, #2 Robertson and Screwdriver • Ratchet with extension 1/2" (13mm) & 7/16" (11 mm) sockets 	<ul style="list-style-type: none"> • Open End Wrench 1/2" (13mm) & 7/16" (11 mm) • Adjustable Wrench • 1/8" (3mm) & 3/16" (5mm) Drill Bits 	<ul style="list-style-type: none"> • 3/16" (5mm) Hex Key • 8' (2.4m) Step Ladder • Safety Glasses • Adult Helpers • Pencil
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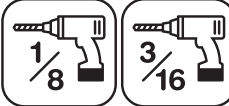

Part Identification Key

On each page, you will find the parts and quantities required to complete the assembly step illustrated on that page. Here is a sample.

2X	1012	Post 2 x 4 x 83" (5 cm x 10 cm x 210 cm)
Quantity	Key Number	Part Description, Part Size

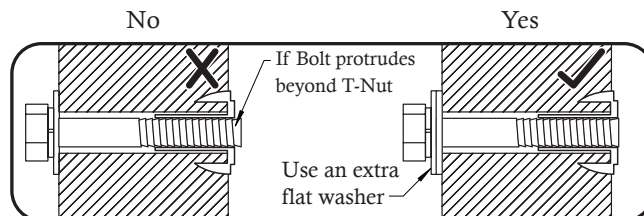
Symbols

Throughout these instructions symbols are provided as important reminders for proper and safe assembly.

<p>This identifies information that requires special attention. Improper assembly could lead to an unsafe or dangerous condition.</p> 		<p>Check that set or assembly is properly level before proceeding.</p> <p>Use Level</p> 
<p>Use Help</p> 	<p>Use Help</p> 	<p>Where this is shown, 2 or 3 people are required to safely complete the step. To avoid injury or damage to the assembly make sure to get help!</p>
<p>Measure Distance</p> 	<p>Check that assembly is square before tightening bolts.</p>	<p>Square Assembly</p> 
<p>Pre-drill 1/8" (3mm) & 3/16" (5mm) Bit</p>  <p>3mm 5mm</p> <p>Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.</p>		<p>Tighten Bolts</p> 
<p>This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.</p>		

CAUTION – Protrusion Hazard

Once the assembly is tightened, watch for exposed threads. If a thread protrudes from the T-Nut, remove the bolt and add washers to eliminate this condition. Extra washers have been provided for this purpose.



Proper Hardware Assembly

Lag screws require drilling pilot holes to avoid splitting wood. Only a flat washer is required. For ease of installation liquid soap can be used on all lag-type screws.

For bolts, tap T-Nut into hole with hammer. Insert the hex bolt through lock washer first then flat washer then hole. Because the assemblies need to be squared do not completely tighten until instructed. Pay close attention to diameter of the bolts. 5/16" (8mm) is slightly larger than 1/4" (6.4mm).

Note: Wafer head bolts with blue lock tight or a bolt with a Ny-Lok nut do NOT require a lock washer.

