and screw the base to the 2x4 runners (Photo 2).

Measure the final height of the table without the top and rip the plywood back pieces to fit, then cut them to length. Screw the back and top to the dividers.

**Mount the saw**
Center the saw in the bay and clamp it in place. Drill 1/8-in.-deep holes to mark the hanger bolt positions using a drill bit that’s the same diameter as the saw’s mounting holes (Photo 3). Then remove the saw, drill pilot holes and drive in the hanger bolts. Either use acorn nuts or tighten two nuts against each other at the top of the machine threads to drive in the bolts (Photo 4). Drop the saw over the bolts and lock it in place with wing nuts.

**Build and mount the fence**
Cut two 1x4s to the same length as the left side of the top. Use the waste to cut four triangle braces. Screw the two 1x4s together and then evenly space the braces and screw them to each 1x4. Align the fence with a straightedge lined up to the miter saw fence, and screw the fence to each divider (Photo 5). Use 1-5/8-in. screws for all of the fence assembly.

While the fence provides a handy rail for stop blocks when you need to cut a lot of identical parts, you’ll find that you’re usually better off with it removed. That’s because boards are rarely straight. And if you try cutting a long board that’s bowed toward you, the fence will prevent it from fitting tightly against the miter saw fence for a good, square cut. So, leave it off for everyday cutting—screw it on only when you need it.

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**Materials List**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’ x 8’ sheet of 3/8” BC plywood (base, top and back)</td>
<td>1</td>
</tr>
<tr>
<td>8’-long 2x4s (bottom runners)</td>
<td>2</td>
</tr>
<tr>
<td>8’-long 1x6s (dividers)</td>
<td>1</td>
</tr>
<tr>
<td>6’-long 1x4s (fence)</td>
<td>2</td>
</tr>
<tr>
<td>Small box of 1-1/4” screws</td>
<td>1</td>
</tr>
<tr>
<td>Small box of 1-5/8” screws</td>
<td>1</td>
</tr>
</tbody>
</table>

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