

## Spindle Brake Basic for SX2 Installation Guide

Thank you for purchasing the Spindle Brake from Priest Tools. I developed this tool to improve the productivity of performing tool changes, and to make tool changes easier and more convenient.

Your new Spindle Brake is made from 6061 Aluminum and is machined to exacting specifications in state-of-the-art CNC machining centers. The Spindle Brake is a very high quality tool that works well and is a great addition to your collection of mill accessories.

I am very interested in your feedback on this product. Please email me with your questions, comments, or concerns at [gregpriest@cox.net](mailto:gregpriest@cox.net). If requested, I will respond to your inquiry at my earliest opportunity.

I hope you enjoy using the Spindle Brake from Priest Tools for many years to come.

Greg Priest  
Priest Tools, Inc.

### What's Included



### Hardware

1. Spindle Brake plate
2. 5-.8 x 20mm socket cap screws (3)
3. Instructions




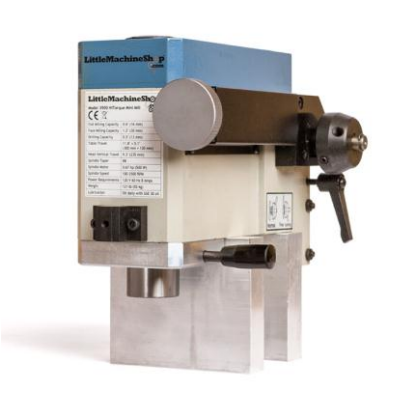

### Tools required for installation

4. 4mm hex wrench

### Caution

Obviously, never operate the mill with the locking pin engaged with the spindle through the spindle Brake Plate or otherwise.

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<ol style="list-style-type: none"> <li>1. Disconnect power to mill.</li> <li>2. Remove tooling from spindle.</li> <li>3. Raise mill head to near its highest point.</li> <li>4. Remove 3 M5-.8x8 cap screws and plastic bearing cover from the underside of the mill around the spindle.</li> </ol>		<ol style="list-style-type: none"> <li>6. Slide the Spindle Brake Plate down over the spindle with the rounded-edge facing down and the hole for the locking pin to the right.</li> </ol>	
<ol style="list-style-type: none"> <li>4.</li> </ol>		<ol style="list-style-type: none"> <li>7. Insert the spindle locking pin through the side hole and rotate the spindle until the pin engages. With the pin engaged with the spindle, align the Spindle Brake Plate so that the locking pin operates smoothly, and then completely tighten the plate.</li> </ol>	
<ol style="list-style-type: none"> <li>5. The Spindle Brake Plate will be installed in the next step.</li> </ol> <p>Important note: do not repetitively tighten, loosen, and re-tighten the socket cap screws as this will decrease the effectiveness of the nylon patch on the screws.</p>		<ol style="list-style-type: none"> <li>8. Check the operation of the spindle locking pin with the Spindle Brake plate to make sure the locking pin operates smoothly and engages in the spindle locking pin hole.</li> </ol> <p>Congratulations, installation of your new Spindle Brake is complete!</p>	