

Way Cover Modification for Mills with Limit Switches

Modifying the Mill Accordion Way Cover to Accommodate the Y-axis Limit Switch

If you have purchased a limit switch package to upgrade your Sherline CNC mill and you have an accordion way cover for your Y-axis, you will need to modify the way cover to allow clearance for the limit switch. Following are the steps you need to take to alter your way cover. The photos below show the way cover for a standard leadscrew mill but the process is the same for a ball screw mill.

1. Remove the way cover from your mill.



FIGURE 1—Front view.

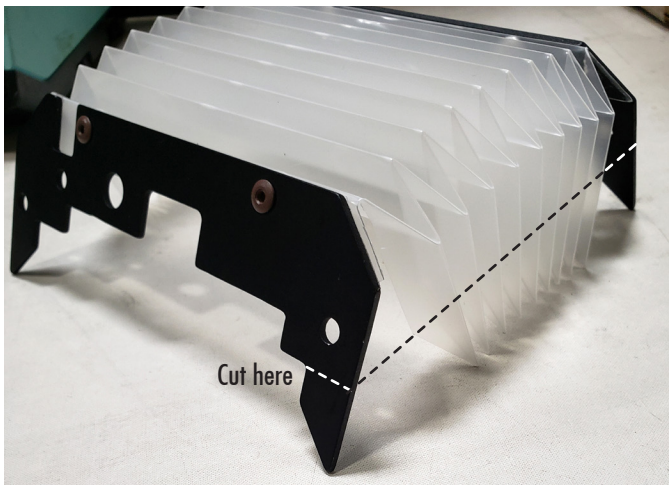


FIGURE 2—Rear view

2. Cut the tabs off the left side of the metal end plates as seen from the front of the Y-axis. You can use any tools you have at hand, e.g. a band saw or a hacksaw.

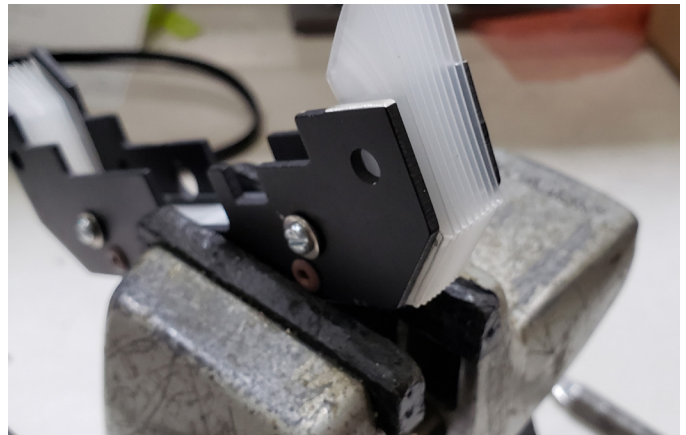


FIGURE 3—This image shows the metal end plates after removing the tabs on the left-hand side of the way cover.

3. Cut the plastic accordion way cover to match the new length of the metal end plates. You can use an X-acto® knife, a mat knife, a box cutter, etc.

NOTE: This step applies only to way covers on standard leadscrew mills.



FIGURE 4—This image shows the altered plastic cover.

4. Reinstall your accordion way cover.

Thank you,
Sherline Products Inc.