

# Supplement to the Jointer Owner's Manual

With new information on: • Feather Guard

• Parts List & Exploded View

## Introduction

This literature updates the **Parts List and Exploded View** in your Jointer Owner's Manual (PL-5036). It also provides new information on the new **Jointer Feather Guard**, now standard on your Shopsmith Jointer. The Jointer feather guard brings to your jointer the safety advantages of both a feather board and a guard. The Feather Guard presses the workpiece against the fence, preventing the workpiece from kicking back into the operator.

Read and follow the instructions in this manual. They tell how to adjust the feather guard to be used in jointing or rabbeting. For other, more comprehensive instructions on operations, see your Jointer Owner's Manual.

## OPTIONAL—Adjusting the Feather Guard's Tension

The spring pressure of the feather guard is pre-set at the factory. It should not need any further adjustment. Test the spring pressure by pulling the feather guard away from the fence and letting go. It should snap back against the fence quickly. If there is any hesitation of movement, it should be re-adjusted (see below).

If the spring action of the feather guard is not sufficient (it should spring back to the fence quickly and without hesitation when pulled away from the fence and then released), **do these steps:**

- Use a 1/8" Allen wrench to loosen the setscrew (52) located in the top of the knob (53) on the feather guard. See Fig. A.
- Turn the knob (53) slightly counter-clockwise (about 1/16") to adjust the tension. See Fig. B.
- Hold the knob (53) in place while you re-tighten the setscrew (52). See Fig. C.

Make sure you do not adjust the feather guard so it has too much or too little pressure. Too much pressure can impede movement of the workpiece through the cut. Too little pressure can cause the feather guard to be ineffective in guarding you from injury and applying lateral pressure to keep the workpiece against the jointer fence.

## Operations with the Jointer Feather Guard

The sideways pressure exerted by the feather guard fingers against the workpiece helps keep the workpiece against the fence. Also, the fingers are oriented so the workpiece is prevented from kicking back horizontally. This allows the operator to concentrate on pushing the stock through—enabling safer, more convenient and more accurate jointer operations.

All jointers which have the feather guard will operate exactly the same as with the old style guard, except for the instructions below on how to adjust the feather guard to work with each workpiece. Read and perform the following instructions for jointing or rabbeting, then see your jointer owner's manual for all other operations procedures and safety information.

### WARNING

Before performing any step below, make sure the jointer's power source (Mark V, Power Station or other source) is turned off and unplugged.

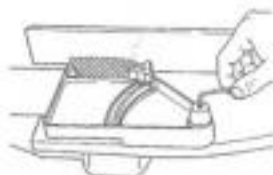


Fig. A



Fig. B

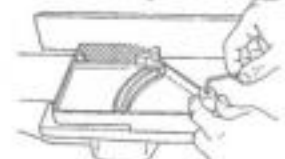


Fig. C