



## Technical Support

### Tech Tip: Lower Wheel Adjustments

The following pages will provide tips to correct common blade issues related to lower wheel alignment. These adjustments will correct blade position on the lower wheel and blade oscillation (wobble).

**\*\*\*\*\*PLEASE READ AND UNDERSTAND THESE STEPS THOROUGHLY BEFORE MAKING ANY ADJUSTMENTS. FAILURE TO DO SO COULD DAMAGE THE MACHINE\*\*\*\*\***

Release the blade tension completely before making any lower wheel adjustments. Pressure must be released on the lower wheel to allow proper adjustments and to avoid damaging the machine.

Please contact a tech support representative if you have questions before attempting these adjustments.

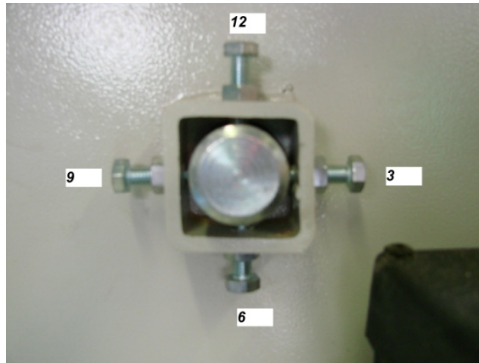
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## Lower Wheel Adjustments

The lower wheel controls the position of the blade on the wheel as well as blade wobble. These are critical adjustments which affect the performance and accuracy of the bandsaw.

If the blade is not running true or on center of the lower wheel but is correct on the upper wheel then an adjustment to the wheel hub on the rear of the bandsaw is required.

The numbers shown below represent the positions on a clock face.



**If a blade is tracking forward on the lower wheel toward the door follow these steps:**

- 1.) De-tension the saw blade.
- 2.) Loosen 9 o'clock shaft bolt to take pressure off the shaft.
- 3.) Loosen 12 o'clock shaft bolt one half rotation.
- 4.) Tighten the 6 o'clock shaft bolt until the shaft touches the 12 o'clock adjusting bolt.
- 5.) Lock all three shaft bolts.
- 6.) Re-tension the saw blade and set the upper wheel to plumb by adjusting the tracking knob. Spin the upper wheel by hand and track the blade.
- 7.) Repeat if further adjustment is necessary.



**If a blade is tracking on the rear of the lower wheel away from the door follow these steps:**

- 1.) De-tension the saw blade.
- 2.) Loosen 9 o'clock shaft bolt to take pressure off the shaft.
- 3.) Loosen 6 o'clock shaft bolt one half rotation.
- 4.) Tighten the 12 o'clock shaft bolt until the shaft touches the 6 o'clock adjusting bolt.
- 5.) Lock all three shaft bolts.
- 6.) Re-tension the saw blade and set the upper wheel to plumb by adjusting the tracking knob. Spin the upper wheel by hand and track the blade.
- 7.) Repeat if further adjustment is necessary.



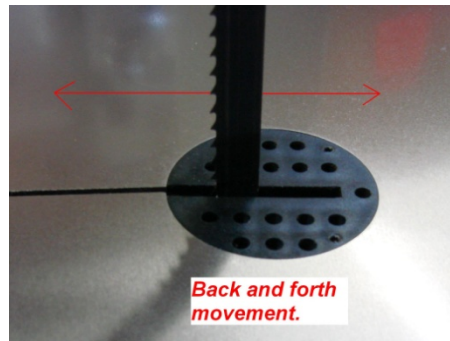
**INCORRECT**



**CORRECT**

**If a blade is moving back and forth (wobbling) follow these steps:**

Adjustment to the wheel hub on the rear of the bandsaw is required.



- 1.) De-tension the saw blade.
- 2.) Loosen 6 o'clock shaft bolt to take pressure off the shaft.
- 3.) Loosen 9 o'clock shaft bolt one half rotation.
- 4.) Tighten the 3 o'clock shaft bolt until the shaft touches the 9 o'clock adjusting bolt.
- 5.) Lock all three shaft bolts.
- 6.) Re-tension the saw blade and set the upper wheel to plumb by adjusting the tracking knob.  
Spin the upper wheel by hand and track the blade.
- 7.) Start the bandsaw and check blade movement.
- 8.) If movement has diminished then continue with the adjustment.
- 9.) If movement is worse, reverse the adjustments in steps 3 and 4.