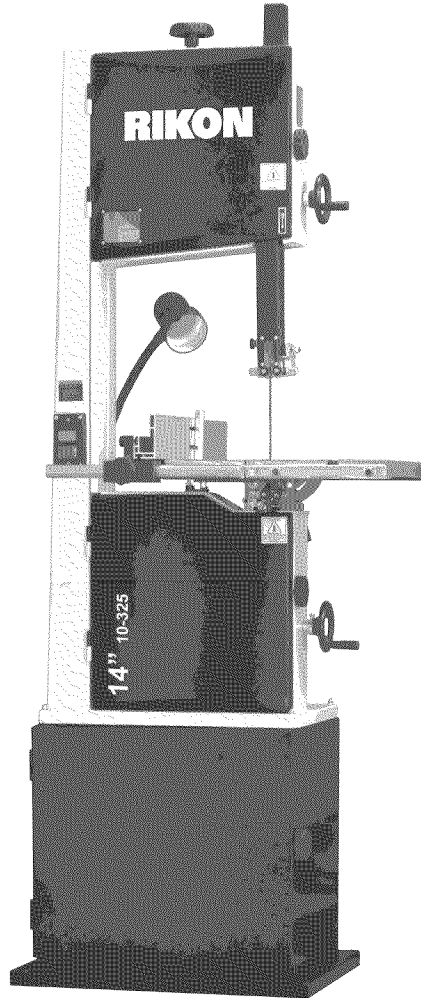


14" Deluxe Bandsaw



Operator's Manual Supplement

Record the serial number and date of purchase in your manual for future reference.

Serial Number: _____ Date of purchase: _____

For technical support or parts questions, email techsupport@rikontools.com or call toll free at (877)884-5167

TABLE OF CONTENTS

| | |
|---|-------|
| Safety Instructions..... | 2 |
| Stand Assembly: Shelf Spacers..... | 3 |
| Rip Fence Scale Installation..... | 3 - 4 |
| Blade Tension Indicator Adjustment..... | 5 |
| Changing the Motor Drive Belt..... | 5 |
| Lower Wheel Adjustments..... | 6 - 7 |

SAFETY INSTRUCTIONS

GENERAL SAFETY

KNOW YOUR POWER TOOL. Read the owner's manual carefully. Learn the tool's applications, work capabilities, and its specific potential hazards.

BEFORE USING YOUR MACHINE

To avoid serious injury and damage to the tool, read and follow all of the Safety and Operating Instructions before operating the machine.

1. Some dust created by using power tools contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks, cement, and other masonry products.
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work.

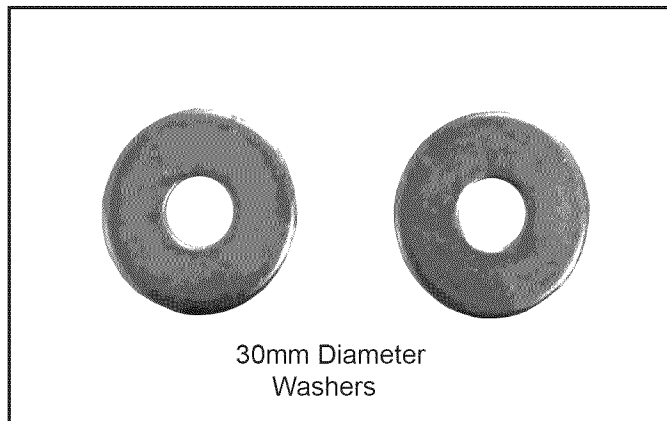
To reduce your exposure to these chemicals: work in a well ventilated area and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

2. **READ** the entire Owner's Manual. **LEARN** how to use the tool for its intended applications.

ASSEMBLY

Stand Assembly: Shelf Spacers

In the stand hardware pack there are two large 30mm diameter washers (Fig.1) that are used as spacers.



30mm Diameter Washers

Figure 1

These spacers are to be installed between the side panels (Parts 1S & 4S) and the shelf (Part 5S) in the front mounting position. See Figure 2.

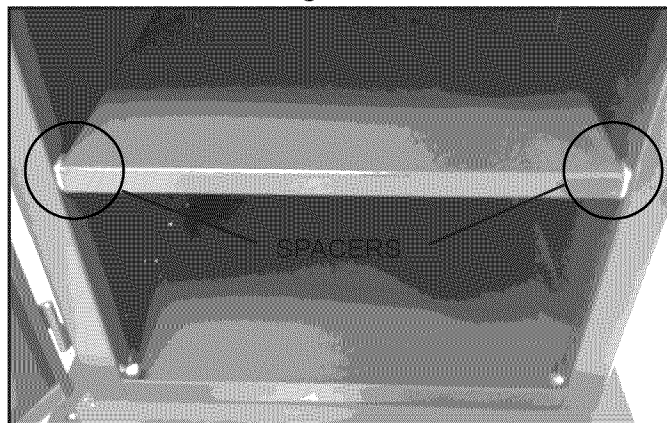


Figure 2

Rip Fence Scale Installation

There are two rip fence scales provided mounted on aluminum bars (Fig.3). The scales are mounted to the front of the table skirt to the left and right of the blade slot.

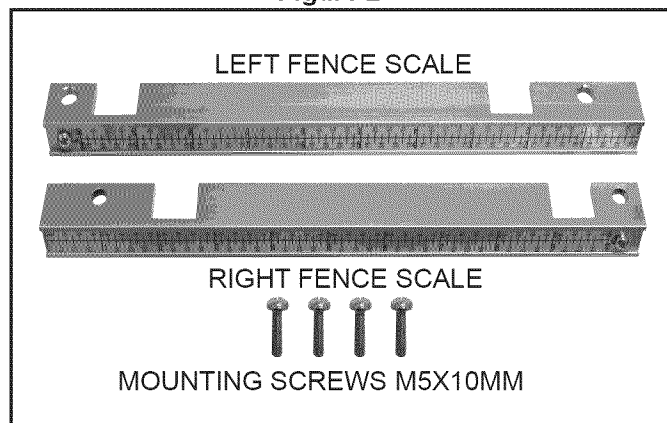


Figure 3

Each aluminum bar is secured to the table skirt using two M5x10mm Phillips head screws. See Figure 4.

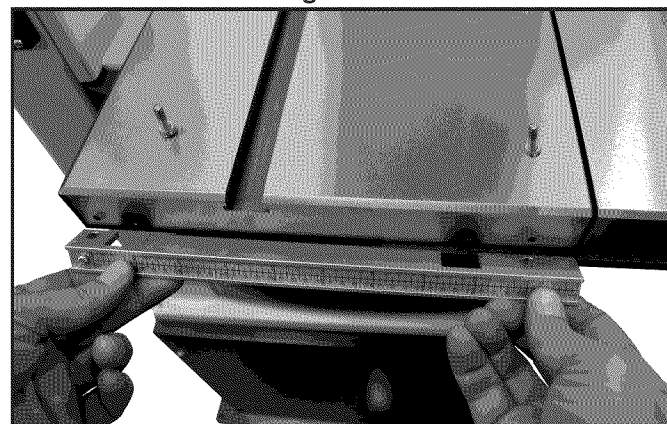


Figure 4

ASSEMBLY

Rip Fence Scale Installation Cont.

Hold the left rip fence aluminum bar against the table skirt and align the mounting screw holes. Fasten using two M5x10mm Phillips head screws. NOTE: The adjustment screw used to zero the scale is located to the left of the aluminum bar. See Figure 5.

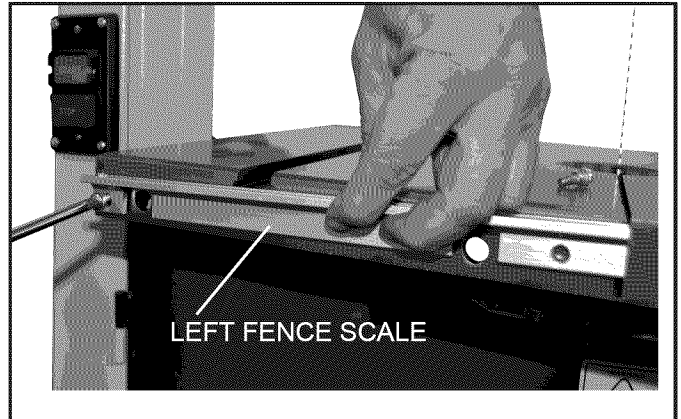


Figure 5

Next, hold the right rip fence aluminum bar against the table skirt and align the mounting screw holes. Fasten using two M5x10mm Phillips head screws. NOTE: The adjustment screw used to zero the scale is located to the right of the aluminum bar. See Figure 6.

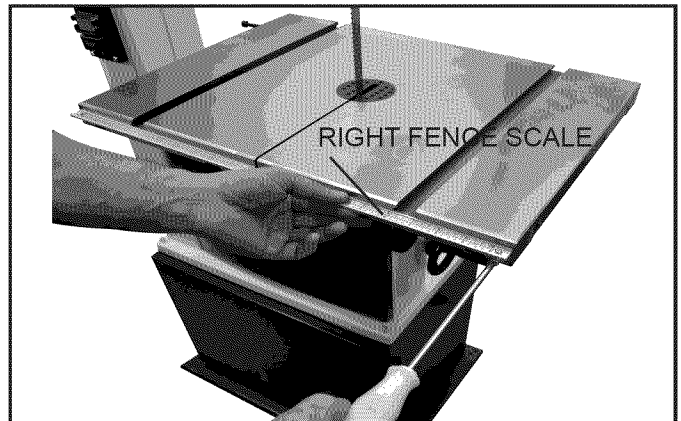


Figure 6

Install the round fence bar by sliding the threaded studs under the fence scale aluminum bar and through the table skirt. Fasten the fence bar to the table using two 8mm nuts and two 8mm washers. Tighten the nuts and washers to the inside of the table skirt. There are identical 8mm nuts and 8mm washers on the outside of the table skirt used to adjust the fence for drift. See Figure 7.

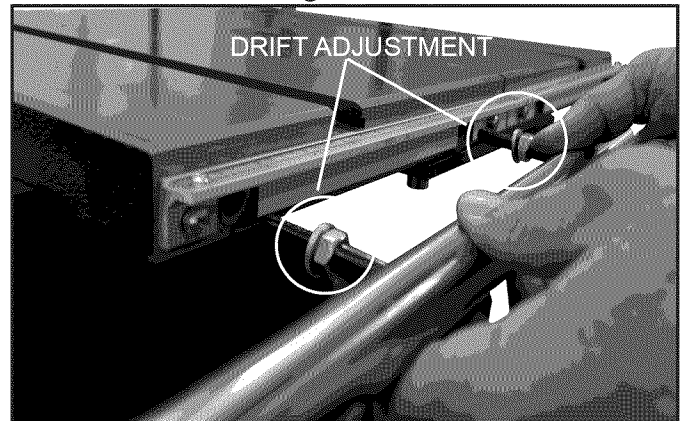


Figure 7

NOTE: Release the table leveling bar to allow easy access to the right-side fence bar bolt. See Figure 8.

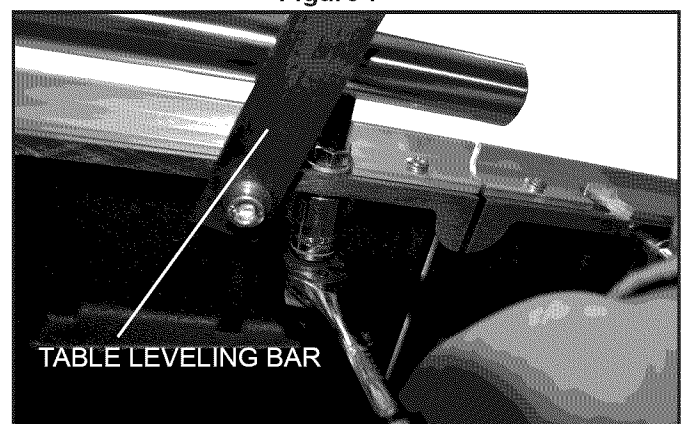


Figure 8

TROUBLESHOOTING

Blade Tension Indicator Adjustment

NOTE: The blade tension scale may read differently due to cut specifications (+/-) of the blade manufacturer. It might be necessary to increase/decrease tension up/down one size on blade tension scale to achieve proper blade tension.

The blade tension indicator can be adjusted for blades known to be cut over/under length by different manufacturers. With moderate tension on the blade loosen the adjusting screw with a Phillips-head screw driver (A-Fig.9). Adjust the blade indicator bracket up/down as needed (B-Fig.9) and re-tighten the adjusting screw.

Always tension the blade with the quick release lever in the "On" position. Failure to do so could result in lack of blade tension or tension failure.

CHANGING THE MOTOR DRIVE BELT

Before changing the belt, make sure that the bandsaw is unplugged from the power source.

To change the drive belt first remove the tension from the drive belt by loosening the idler wheel. This is done by rotating the tension hand wheel (A-Fig.10) clockwise.

Second, remove the lower wheel by loosening the Allen bolt in the middle of the lower wheel (B-Fig.10) using the largest Allen wrench provided with the saw.

Third, slide the lower wheel off of the lower wheel shaft. Install the belt and reverse the above instructions. Tension the drive belt until there is 3/8" to 1/2" of deflection.

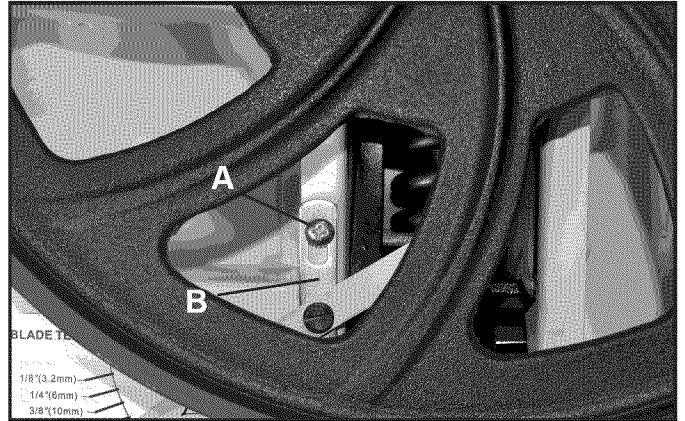


Figure 9

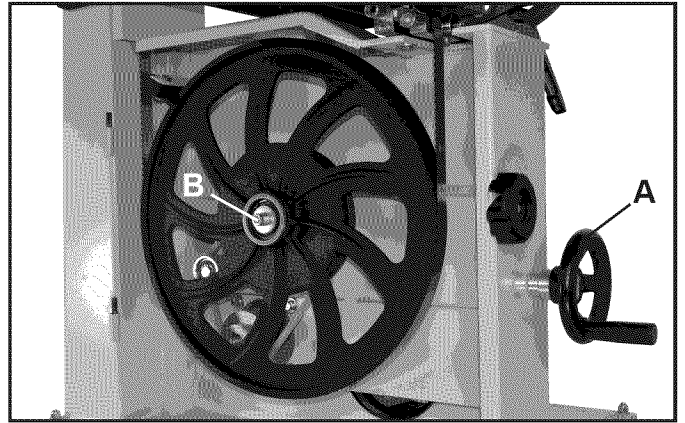


Figure 10

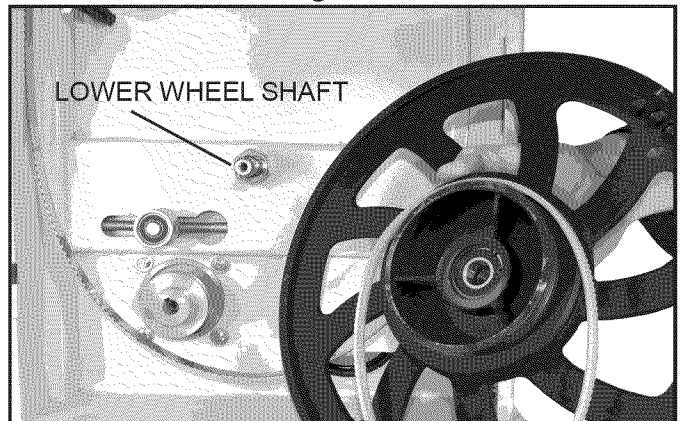


Figure 11



Figure 12

TROUBLESHOOTING

LOWER WHEEL ADJUSTMENTS

The following instructions will correct common blade issues related to the lower wheel's alignment in relation to the upper wheel. These adjustments will correct the blade position on the lower wheel and blade oscillation (wobble). These are critical adjustments which affect the performance and accuracy of the bandsaw.

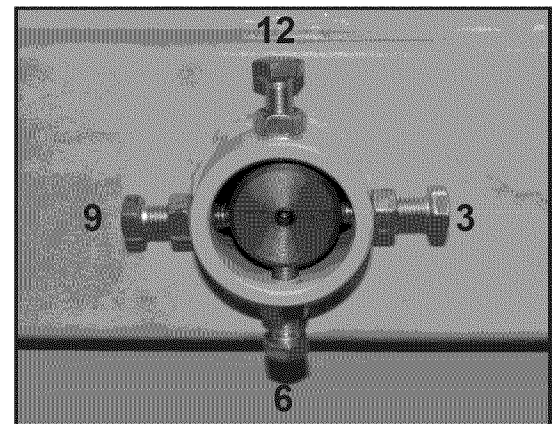
⚠ CAUTION PLEASE READ AND UNDERSTAND THESE STEPS THOROUGHLY BEFORE MAKING ANY ADJUSTMENTS. FAILURE TO DO SO COULD DAMAGE THE MACHINE.

Please contact a tech support representative if you have questions before attempting these adjustments. RIKON Tech Support 877-884-5167 techsupport@rikontools.com

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.

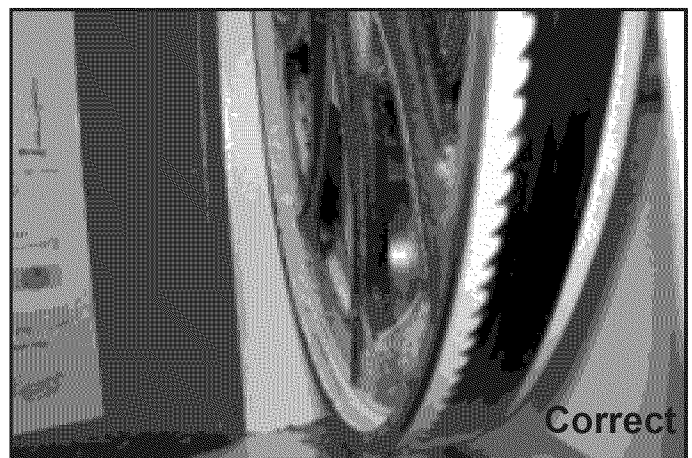
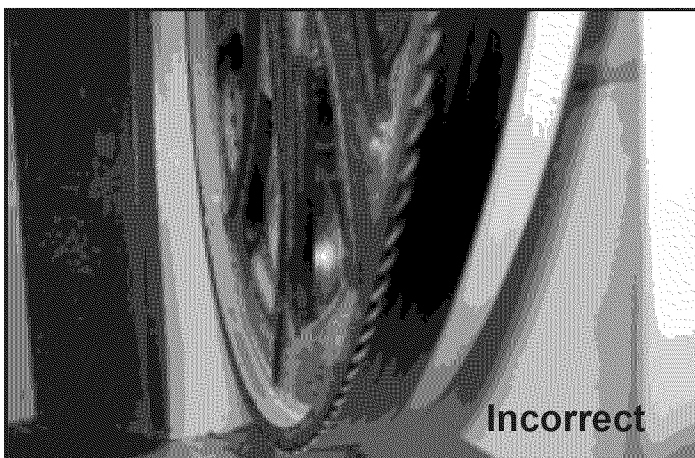
If the blade is not running true, or it is not running on center of the lower wheel but is correct on the upper wheel, then an adjustment to the wheel hub on the rear of the bandsaw is required.

The numbers shown on the rear hub photo represent the positions on a clock face.



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

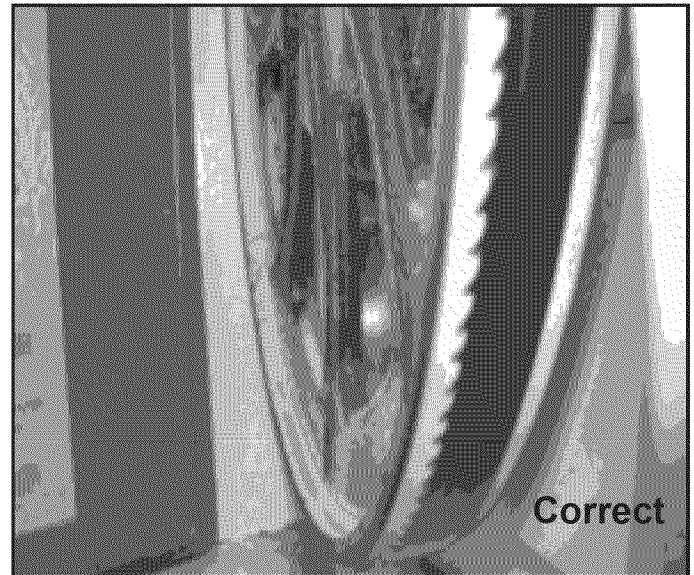
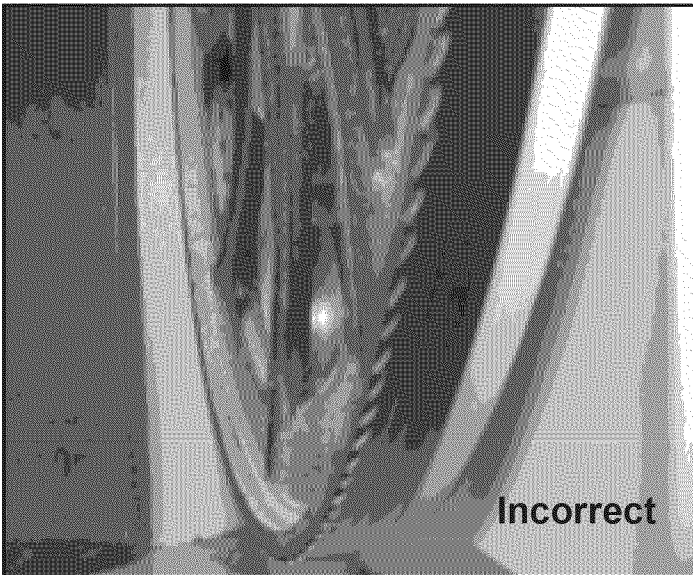
- 1.) De-tension the saw blade.
- 2.) Loosen 9 o'clock shaft bolt to take pressure off the shaft.
- 3.) Loosen 12 o'clock shaft bolt one half rotation.
- 4.) Tighten the 6 o'clock shaft bolt until the shaft touches the 12 o'clock adjusting bolt.
- 5.) Lock all three shaft bolts.
- 6.) Re-tension the 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.



TROUBLESHOOTING

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

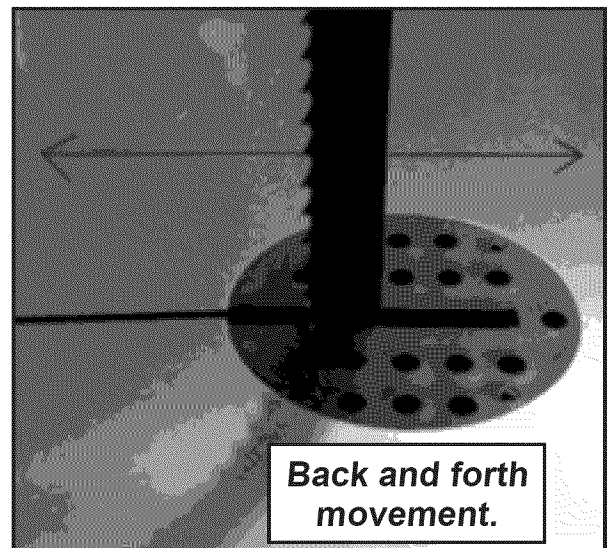
- 1.) De-tension the saw blade.
- 2.) Loosen 9 o'clock shaft bolt to take pressure off the shaft.
- 3.) Loosen 6 o'clock shaft bolt one half rotation.
- 4.) Tighten the 12 o'clock shaft bolt until the shaft touches the 6 o'clock adjusting bolt.
- 5.) Lock all three shaft bolts.
- 6.) Re-tension the saw 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.



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 of 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.





For more information:
16 Progress Rd
Billerica, MA 01821

877-884-5167 / 978-528-5380
techsupport@rikontools.com