

Woodturning Safety Rules

1. Know Your Equipment and Yourself. Never operate a lathe or use a cutting tool, chuck or other accessory without first understanding its operation and limitations. Read and know the instruction manual of any lathe that you use. Never perform a procedure or technique that you are unclear about or uncomfortable with. If you are in doubt, stop and ask for instruction. Know your personal limitations.

2. Focus on Your Work. You may not operate a lathe if you have drunk alcohol or taken medication that carries an equipment operations warning. Don't operate a lathe if you are tired or emotionally upset.

3. Police Your Environment. Keep your work area clean. Store tools safely. Don't allow cords to run across circulation ways. Don't start your lathe if people are in harm's way. Ensure that there is adequate light and ventilation. If you are observing someone else, don't place yourself in harm's way.

4. Keep Yourself Catch Free.. Long hair must be tied back. No clothing, gloves, jewelry or watches may be worn below the elbow. Necklaces and loose clothing that could be caught by spinning parts must not be worn.

5. Wear Safety Equipment. To operate a lathe or stand near an operating lathe, you must wear full face protection. Dust masks are highly recommended.

6. Secure the Wood. Ensure that the wood is securely held. Turn between centers whenever possible and always with imbalanced pieces. Use a slow speed when first roughing out a piece. Never use wood that is cracked or has other serious defects or significant protrusions.

7. Inspect Your Lathe. Inspect the lathe for damaged or missing parts before operating it. Before you start, check to ensure that the speed is appropriate, the drive belt is tight, all locking devices are secure and all chuck keys and adjusting wenchers are removed. Always spin the wood at least one full turn before turning the lathe on - every time. Never leave a spinning lathe unattended.

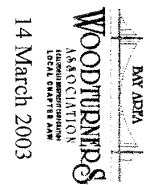
8. Practice Safe Techniques. Keep your tools sharp. Don't force a tool or use it for an unintended purpose. Reposition the tool rest frequently to keep it close to the work. Keep your balance and don't overreach. Always turn the lathe off and allow it to come to a complete stop before adjusting the tool rest. Always keep your hands behind the plane of the tool rest. Always keep the tool firmly against the tool rest. Always hold the tool firmly with both hands.

When using a shear cut, rub the bevel. When using a scraping cut, always keep the angle between the wood and cutting edge at less than 90 degrees.

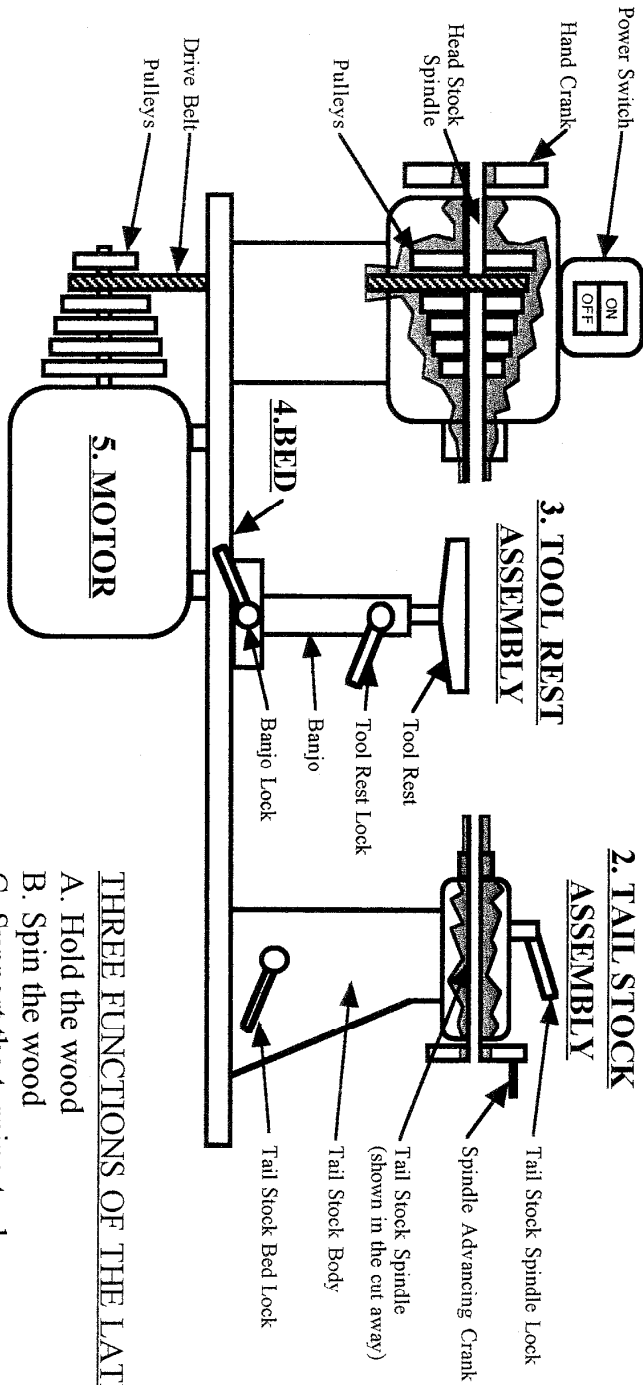
When finishing, always remove the tool rest. Use only paper towels, never woven fabric. On exterior surfaces, apply the towel to the underside of the piece with the wood spinning counterclockwise. On interior surfaces, apply the towel in the lower left-hand quadrant also with the wood spinning counterclockwise.

Adopted by Bay Area Woodturners Association, 10 March, 2001

HANDOUT #2
FIVE MAJOR PARTS OF THE LATHE



1. HEAD STOCK ASSEMBLY



2. TAIL STOCK ASSEMBLY

3. TOOL REST ASSEMBLY

THREE FUNCTIONS OF THE LATHE

- A. Hold the wood
- B. Spin the wood
- C. Support the turning tool

