

Miter Saw Safe Operating Procedures

1. The miter saw is designed to cross-cut your work piece. Operate only once you are certified on the miter saw.
2. Make sure all guards are in place and operating correctly.
3. All materials should be inspected for defects such as warps, knots and foreign objects.
4. Make certain the blade rotates in the correct direction and that the teeth at the bottom of the blade are pointing to the rear of the miter saw.
5. The miter saw can make different angled cuts. A miter cut is a cut at an angle other than 90 degrees along the length of the width of the workpiece. A bevel cut is a cut at an angle other than 90 degrees along the thickness of the material. To make a miter cut, the blade should be angled through the horizontal plane of the wood; unlock the miter lock lever, squeeze the detent trigger, set the miter angle. To make a bevel cut, the blade should be angled through the vertical plane; loosen the bevel lock handle, pulled the bevel override knob; adjust to the desired bevel setting, tighten the bevel handle.
6. Make sure all adjustments are made to the saw with the machine unplugged.
7. Hold the stock firmly against the fence and the table keeping your fingers at least 6" away from the blade.
8. Do not perform any operation freehand.
9. Do not cut wood that is smaller than 6 inches in length.
10. Never hold work piece on the right side of the blade with left hand or vice versa. This is called cross-armed cutting and exposes the user to **serious injury**.
11. Align the blade on the scrap side of your mark before cutting; do not cut directly on the line.
12. To turn the saw on, depress the trigger switch. DO NOT start the saw with the blade touching the stock.
13. Allow the blade to reach full operating speed before letting the blade enter into the stock. Be aware that the saw moves up or down slightly upon start-up and stopping.
14. Ensure that the saw is in the full upright position when starting and in the full down position when stopping.
15. If the blade begins to bind while cutting stop immediately.
16. When finished turn off the compound miter saw and wait for the blade to come to a complete stop before retracting from the work piece.
17. Never grab scrap from the machine while the machine is still moving.
18. Do not reach around, behind or underneath the saw unless it is turned off **and** unplugged.
19. Do not cut ferrous metals or any masonry.
20. Lock the blade down and clean up when you are finished working with the machine.

Identification of miter saw parts

