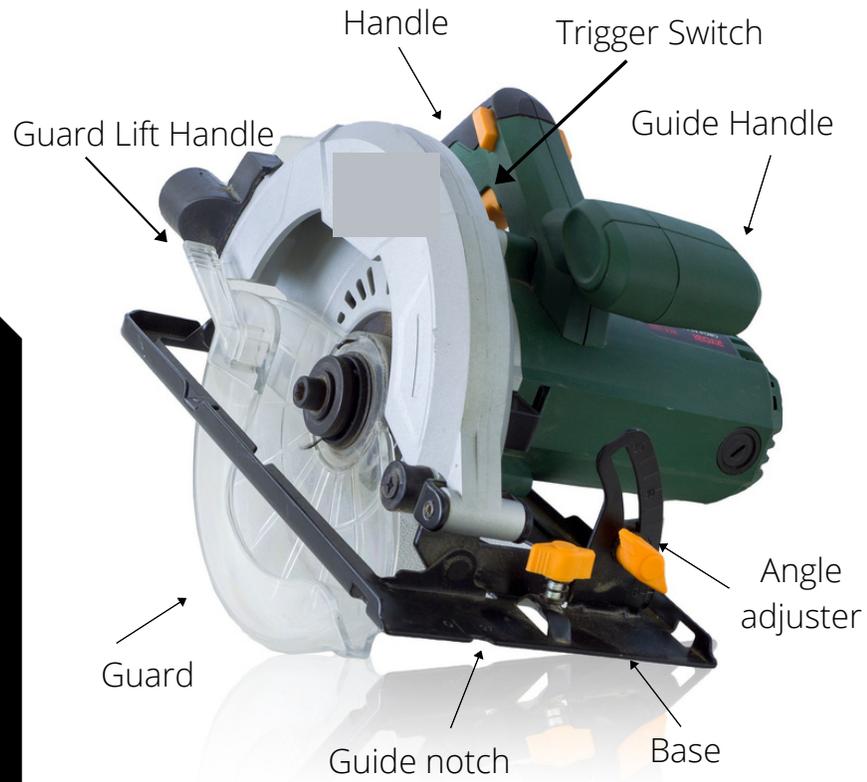


TOOL TIME

CIRCULAR SAW

Circular Saw Safety

- The saw is designed to cut straight lines only, which can be square or beveled.
- Support the material being cut by clamping the workpiece to a sturdy base.
- Unplug the saw when making adjustments or changing the blade.
- Safety guards on the tool must be in place and functioning.
- Check the base and angle adjustments to make sure they are tight.
- When adjusting the depth of the cut, make sure that the blade teeth extend no more than 1/4 inch below the bottom surface of the material being cut.
- Ensure the electrical cord does not become entangled by the work or cut by the saw.
- Use sharp blades that are appropriate for the type of cut.
- Use handles available on the saw. Depending on the saw, there may be one or two handles present.
- Ensure stable footing and do not overextend when cutting.
- Allow the saw blade to stop rotating before putting the saw down.



Personal Protective Equipment

- Safety Glasses
- Hearing Protection
- Mask (Recommended)

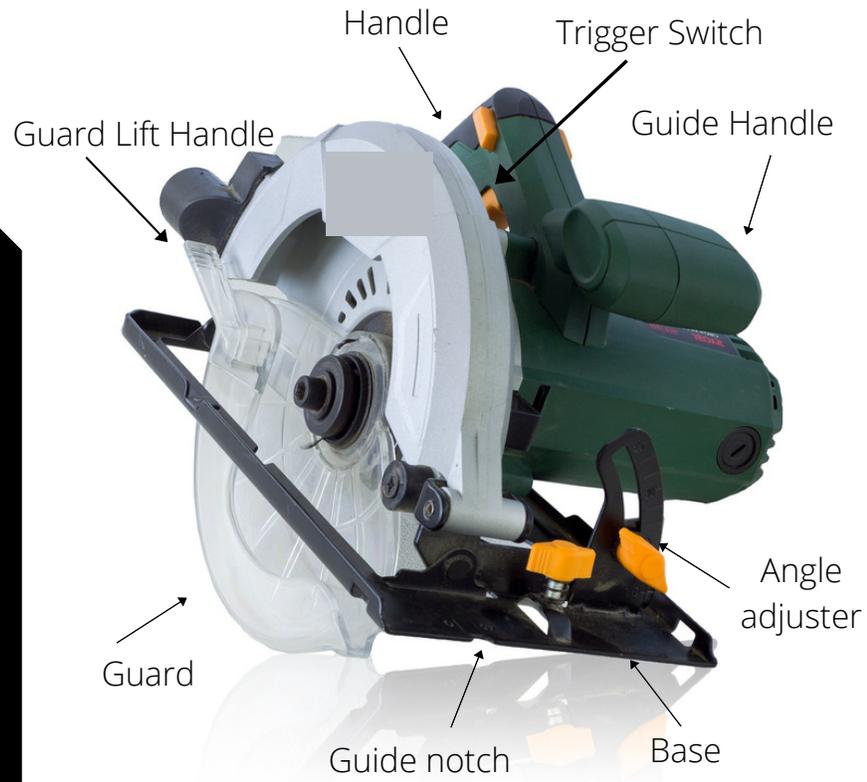
SEE BACK FOR MORE INFORMATION



TOOL TIME

Operating Procedure

- Mark the material with a visible line to follow during the cut.
- Align the cut line on the material with the proper notch on the saw's base to get the correct cut location.
- Place the saw base on the material to be cut with the blade clear of the material and lined up with the cut line on the material before starting the saw.
- To make the cut, pull the trigger and allow the saw to get to full revolutions per minute (RPMs).
- Push the saw through the material at a constant rate. You are pushing too fast if the RPMs begin to decrease significantly.
- Release the trigger after finishing the cut and allow the blade to stop before setting the saw down.
- For more accurate straight cuts, clamp a guide to the material, and the saw can be pushed along the guide.



Checklist

- Does the saw have all guards in place and functioning properly?
- Can the operator describe the procedure for changing the blade?
- Is the operator using personal protective equipment?
- Did the operator clamp the material down?
- Is the depth of the cut set properly?
- Does the operator have a stable body position for the cut?
- Did the operator keep hands on the saw during the cut?
- Did the operator allow the blade to stop rotating before setting the saw down?

VIDEO TUTORIAL



<https://vimeo.com/904145152>

This video education was created through a collaboration between:



Shepherd Center