

Skill Activity 1

PARTS & ADJUSTMENT FOR FESTOOL CIRCULAR SAW

Completed	Procedure
<input type="checkbox"/>	1. Obtain a Festool Track Saw and a portable circular saw. Use the labeled diagrams or tool manuals to locate the following parts of the tools: trigger switch, height adjustment knob, tilt scale, tilt lock knob, blade, blade guard (retractable), tilting base, line-of-sight cutting guide, guard lift handle.
<input type="checkbox"/>	2. Adjust blade for a 2" deep cut. (Saw <u>NOT</u> plugged in.)
<input type="checkbox"/>	3. Adjust blade to a 15 degree bevel. Check it with a T-bevel set to 75 degrees on a protractor. (Saw <u>NOT</u> plugged in.)
<input type="checkbox"/>	4. Return blade to 0 degrees. Follow the procedure on the Blade Changing Instruction sheet to remove and replace the blade. Make sure you install the blade with the teeth in the right direction.

Changing the Sawblade

The TS 55 saw features the FastFix system for easier blade changing. The FastFix system is engaged by raising the FastFix latch lever and plunging the saw down. The system includes the following features:

- ▶ For safety, the power switch is locked out.
- ▶ The plunge depth is locked in the position shown to the right with the arbor bolt accessible through an opening in the blade cover.
- ▶ The arbor is locked from turning.
- ▶ The riving knife mounting screw is accessible through an opening in the blade cover.

Sawblade Checks and Warnings

- ▶ Use only sawblades that are approved for use with the saw and appropriate for the type of material being cut.
- ▶ Use only sawblades with a diameter of 160 mm, and an arbor bore of 20 mm.
- ▶ Do not use a sawblade that is bent or warped.
- ▶ Do not use a sawblade with missing or damaged teeth.

Removing the Sawblade

1. Unplug the saw for safety.
2. Although not required, you may wish to remove the outrigger splinter guard for better clearance.
3. Raise the FastFix latch lever.
4. Press upward on the plunge lock release button and plunge the saw down until it locks into position.
5. Using the arbor wrench (stored in the auxiliary handle) loosen the arbor bolt by turning it counterclockwise.
6. Remove the arbor bolt and washer.
7. Retract the riving knife out of the way and remove the blade from the saw.

Replacing the Sawblade

1. While retracting the riving knife, insert the blade into the saw and over the arbor flange. Make sure the blade's teeth are facing forward in the direction shown above.
2. Place the arbor washer over the arbor flange and rotate it until the alignment keys engage with the arbor flange.
3. Replace the arbor bolt and tighten it firmly.
4. While pressing down on the auxiliary handle, lower the FastFix latch, and slowly release the plunge.

