



## CIRCULAR SKILLSAW



### GENERAL SAFETY RULES

#### WORK AREA

- **Keep work areas clean.** Cluttered areas invite accidents.
- **Avoid dangerous environments.** Don't use power tools in damp or wet locations. Do not expose power tools to rain. Keep work area well lit.
- **Avoid gaseous areas.** Do not operate portable electric tools in explosive atmospheres in presence of flammable liquids or gases. Motors in these tools normally spark, and the sparks might ignite fumes.
- **Keep children away.** Do not let visitors contact tool or extension cord. All visitors should be kept away from work area.

#### PERSONAL SAFETY

- **Guard against electric shock.** Prevent body contact with grounded surfaces like pipes, radiators, ranges, and refrigerator enclosures. Rubber gloves and non-skid footwear are recommended when working outdoors, where damp or wet ground may be encountered.
- **Dress properly.** Do not wear loose clothing or jewelry. They can be caught in moving parts. Wear protective hair covering to contain long hair.
- **Use safety equipment.** **Wear safety goggles** or glasses with side shields. Wear hearing protection during extended use of power tools and dust mask for dusty operations.
- **Stay alert. Use common sense.** Watch what you are doing. Do not operate tool when you are tired or under influence of drugs.
- **Remove adjusting keys and wrenches.** Form habit of checking keys and adjusting wrenches before turning it on.

- **Avoid accidental starting.** Don't carry plugged in tool with finger on switch. Be sure switch is OFF when plugged in.
- **Don't overreach.** Keep proper footing and balance at all times.
- **Before connecting the tool** to power source, be sure voltage supplied is the same as that specified on the nameplate of the tool. If in doubt, DO NOT plug in tool. A power source with voltage greater than that specified for the tool can result in serious injury to the user—as well as damage to the tool. Using a power source with voltage less than the nameplate rating is harmful to the motor.

### **TOOL USE AND CARE**

- **Don't force tool.** It will do the job better and safer at the rate for which it was designed.
- **Use the right tool.** Don't use tool for purpose not intended. For example, don't use circular saw for cutting tree limbs or logs.
- **Secure work.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate the tool.
- **Don't abuse cord.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from spinning blade, bits or any other moving part while the tool is in use.
- **Outdoor use extension cords.** When tool is used outdoors, use only extension cords suitable for use outdoors.
- **Disconnect tools** when not in use; before servicing; when changing blades, bits, cutters, etc.
- **Do not alter or misuse tool.** These tools are precision built. Any alteration or modification not specified may result in a dangerous condition.
- **Check damaged parts.** Check damaged parts. Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation.

### **SAFETY RULES FOR CIRCULAR SAWS**

- **Keep hands away from cutting area and blade. Keep your second hand on auxiliary handle, or motor housing.** Never place your hand behind the saw blade since kickback could cause the saw to jump backwards over your hand.
- **Keep your body positioned to either side of the saw blade, but not in line with the saw blade.** Kickback could cause the saw to jump backwards.
- **Do not reach underneath the work.** Wait until blade is stopped before removing cut material.
- **Do not operate saw if lower guard does not move freely and close instantly.**
- **Always observe that the lower guard is covering the blade before placing saw down on bench or floor.**

- **Never hold piece being cut in your hands or across your leg.**
- **Do not run the saw while carrying it at your side.** Lower guard may be opened by a contact with your clothing. Accidental contact with the spinning saw blade could result in serious personal injury.

### **CIRCULAR SAW OPERATION**

#### **INSERT FIG. 1**

- **Depth Adjustment.** Disconnect plug from power source. Loosen the depth adjustment knob located on the back side of the upper guard. Hold the foot down with one hand and raise or lower saw by the handle. Tighten knob at the depth setting desired. Check desired depth. Not more than one tooth length of the blade should extend below the material to be cut, for minimum splintering.
- **Safety Switch.** The safety switch is designed to prevent accidental starts. To operate safety switch, press the release button with your thumb on either side of handle to disengage the lock, then pull the trigger. When the trigger is released the button will engage the safety switch automatically, and the trigger will no longer operate.
- **When cutting, maintain a firm grip and operate the switch with a decisive action.** Never force the saw. Use light and continuous pressure.
- **When cutting is interrupted, to resume cutting:** squeeze the trigger and allow the blade to reach full speed, re-enter the cut slowly and resume cutting.
- **When cutting across the grain,** the fibers of the wood have a tendency to tear and lift. Advancing the saw slowly minimizes this effect.
- **For advanced cutting, see the ToolBox representative.**