



Table Saw

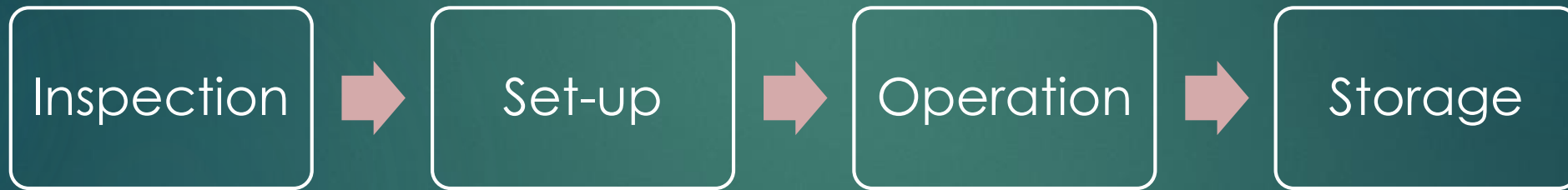
BEST PRACTICES

Table Saw Purpose

- ▶ NCU's Table Saw Purposes
 - ▶ Cutting Plywood
 - ▶ Cutting aluminum sheeting
 - ▶ Cutting Lumber
 - ▶ Cutting high density foam



Best Practice - Tooling



Inspect Before Use

- ▶ What to Inspect
 - ▶ If using extension cord (A.W.G) of 14 or higher
 - ▶ Previous defects to confirm they're resolved
 - ▶ Adjusting keys/wrenches removed
 - ▶ Blade sharpness
 - ▶ Guard in place and functioning properly



Safety

- ▶ Protection

- ▶ Eye Protection
- ▶ No baggy clothing
- ▶ Sleeves rolled up

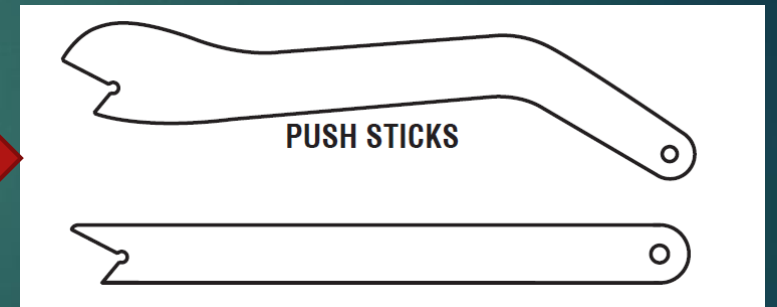
- ▶ Safe Practices

- ▶ Keep 3" margin of safety from blade
- ▶ Use push sticks when necessary
- ▶ Keep firm control of material

Eye Protection →



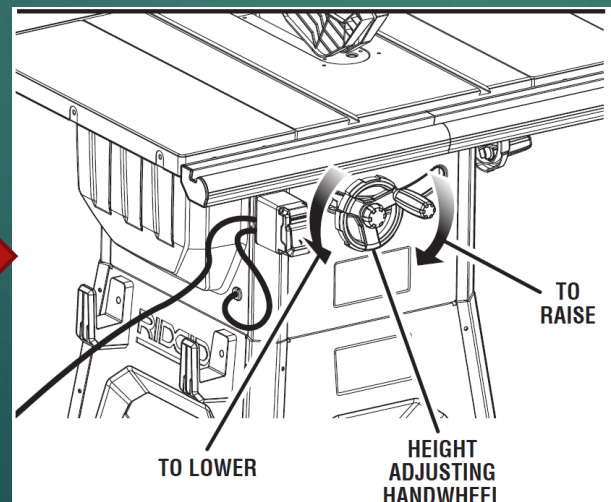
Push Sticks →



Set-Up

- ▶ Clear off table
- ▶ Pick correct blade for material
- ▶ Set Depth (blade teeth $1/8'' - 1/4''$ above material)
- ▶ Secure fence or miter gauge (depends on cut)
- ▶ Have push stick readily accessible

Setting Depth



Preventing Kickbacks

- ▶ Avoid
 - ▶ Wood with knots, screws, or nails
 - ▶ Wet lumber
 - ▶ Warped lumber
 - ▶ Twisting the material
- ▶ Common kickback causes
 - ▶ Wrong blade depth
 - ▶ Wrong blade for material
 - ▶ Forcing material



WARNING:

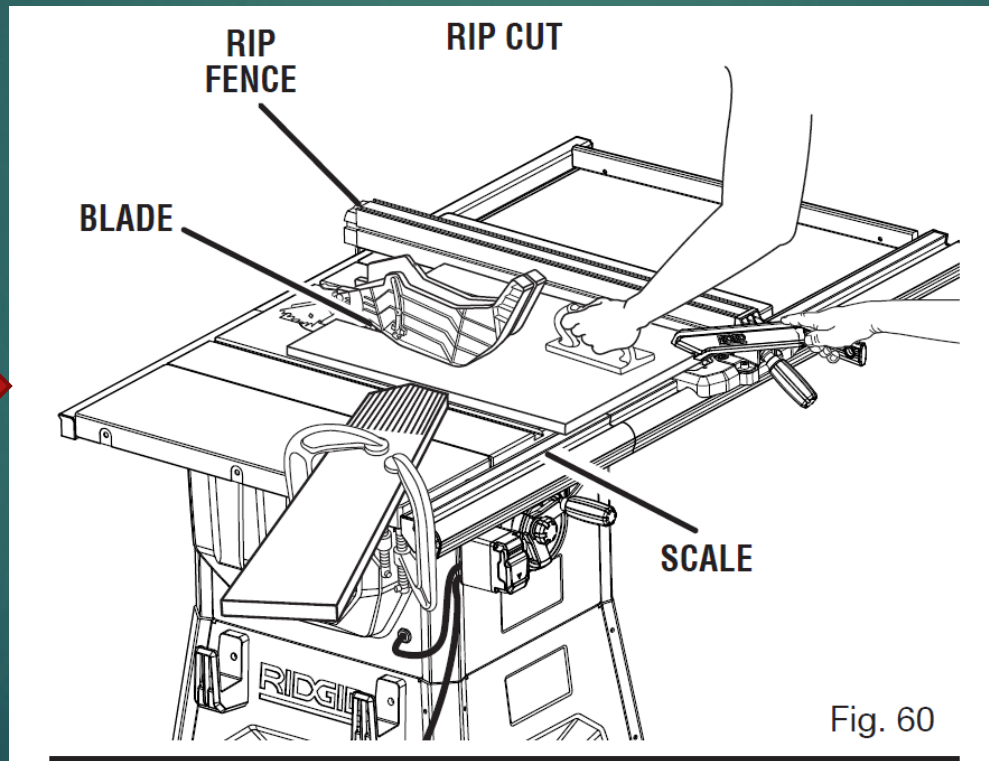
Do not allow familiarity with tools to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

Operation

- ▶ Clear off table
- ▶ Start blade
- ▶ Hold a firm grip on material
- ▶ Press it flush against miter gauge or fence (depending on cut)
- ▶ Begin to guide material through
- ▶ Use push stick to finish guiding through if necessary
- ▶ Turn off blade
- ▶ Wait for blade to come to a complete stop
- ▶ Remove scrap

Rip Cut

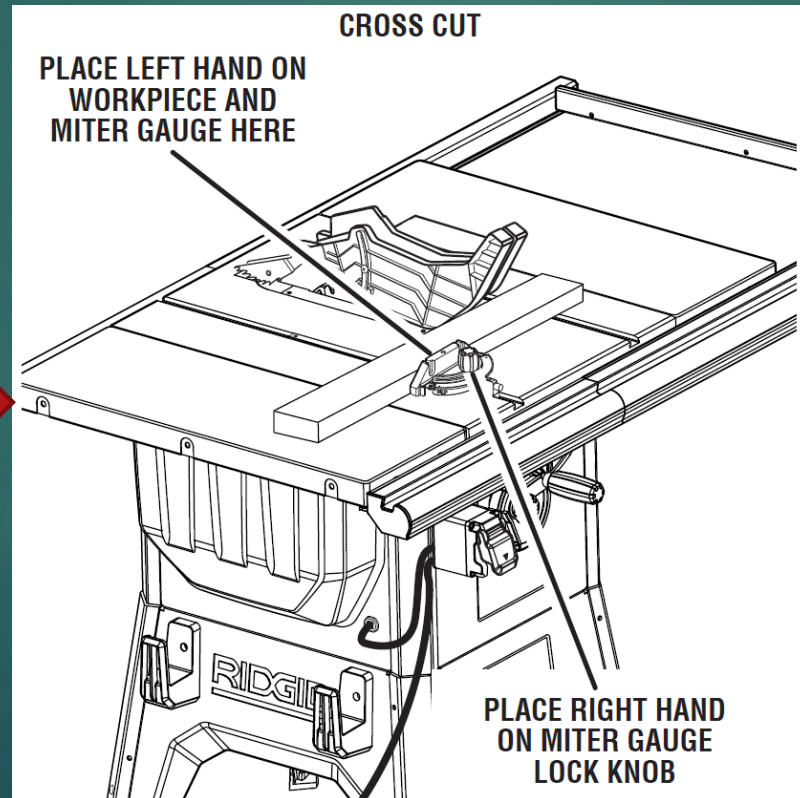
- ▶ Guide material firmly across rip fence



Rip Cut Instructions

Cross Cut

- ▶ Guide material firmly across miter gauge



Cross Cut Instructions

Watch Out For...

- ▶ Things to watch out for
 - ▶ Frayed Cords
 - ▶ Loose parts
 - ▶ Lumber: wet, nails, knots, screws, warped
- ▶ Common Improper Use
 - ▶ Not keeping material secure throughout cut
 - ▶ Twisting material during cut
 - ▶ Wrong blade depth
 - ▶ Free handing

Instructional Video

- ▶ Table Saw Video

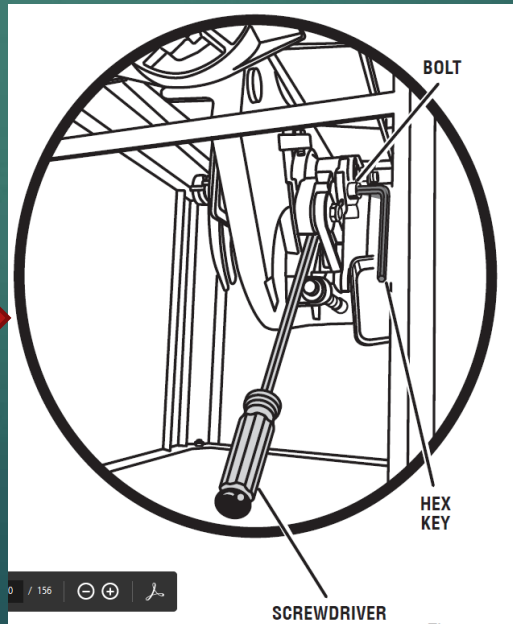


<https://www.youtube.com/watch?v=cNKqNFnWQPs>

General Maintenance

- ▶ Use clean cloth to remove dirt, dust, grease, oil, etc.
- ▶ Periodically check clamps, nuts, bolts and belts for tightness
- ▶ Clean sawdust from underneath table and on blade teeth
- ▶ Periodically remove the back panel and clean dust chute
- ▶ Periodically change the belt

Changing Belt



Tool Storage

- ▶ Clean Surface of table saw and blades
- ▶ Make sure the saw is unplugged from power source
- ▶ Store in a clean dry area

Training

Training Quiz



- ▶ <https://www.flexiquiz.com/SC/N/f71b39df-f1da-4b52-aa04-062368a9c76a>