



Auxiliary Equipment: Simplifying Your Cuts – Work Smarter Not Harder

# Appendix A



# Auxiliary Equipment

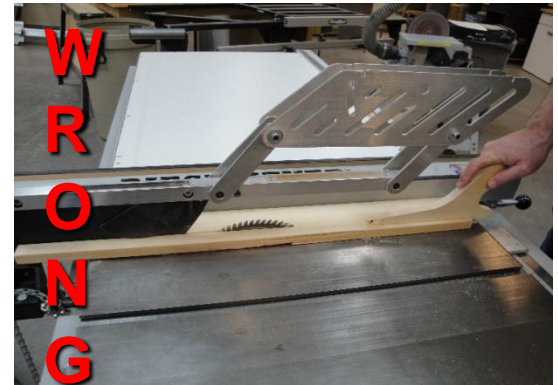
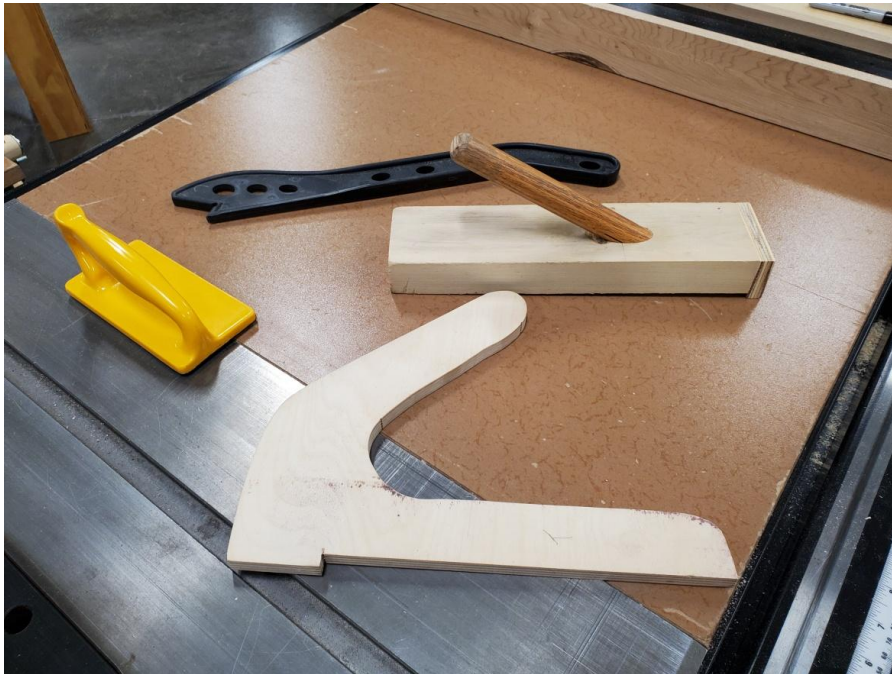
- Push Sticks
- Feather boards
- Miter Gauge
- Cross cut sled and stop (stored on the back of the saw)
- Thin cut fence and box (from the tool crib)
- 45/90 degree picture frame sled
- Segmented bowl sled (cross cut predefined angles with high accuracy)
- Spline Jig
- Tenon Jig
- Box Joint Jig
- Mini Cut Sled
- Tall Fence
- Table Inserts
- Dado Blades
- Dado sled

**Simplifying Your Cuts – Work Smarter Not Harder**

January 24, 2025

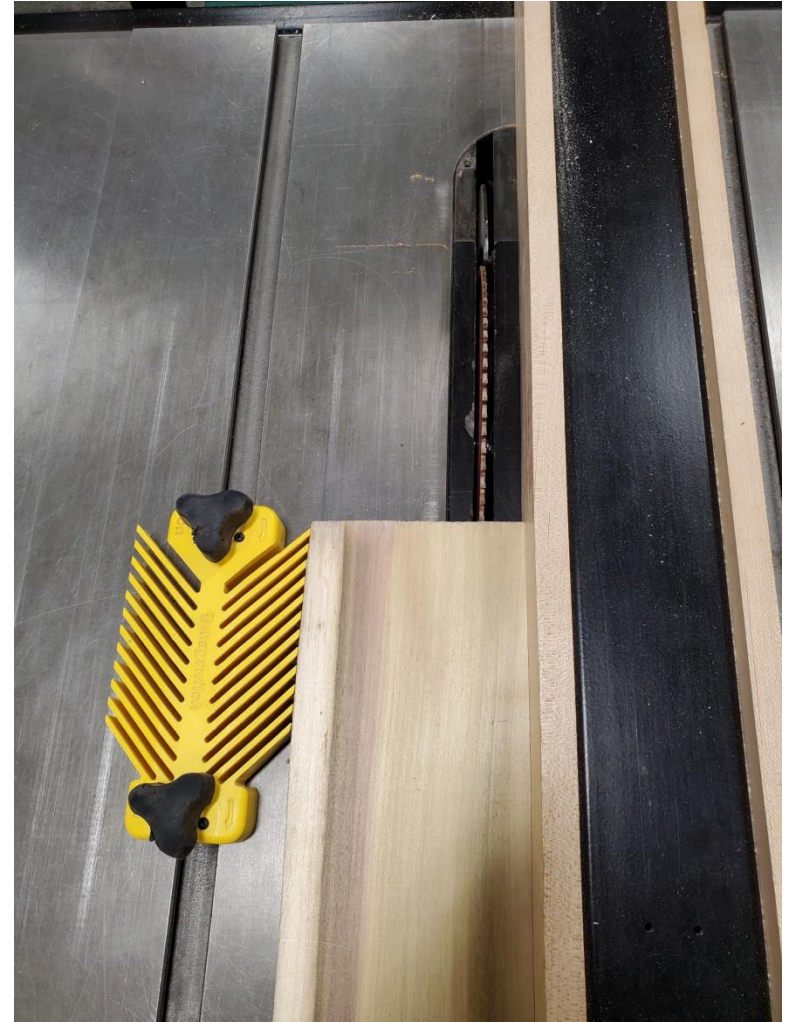
# Push Sticks

- Use whenever your hand is closer than the distance from the tip of your thumb and the tip of your pinky
- Position half way between the blade and fence
- Apply pressure in direction of cut and towards the fence



# Feather Boards

- Applies pressure to the side of the material to ensure alignment against the fence
- Positioned before the start of the blade
  - Never apply pressure to the side of the material once it reaches the front of the blade (serious kickback risk)
- Magnetic – turn the handles to engage the magnets
- Stored in the drawers adjacent to the saw
- May be clamped to the fence to apply downward pressure while making dado cuts



# Miter Gauge

- 90 degree and angled cross cuts
- Set the angle
- Adjust miter gauge fence to ensure it does not contact the blade
  - Verify while blade is set at maximum height,
- Set correct blade height
- Stored in the drawers adjacent to the saw
- For added safety, use an auxiliary wood facing attached to the miter gauge using clamps or the holes provided in the gauge



# Cross Cut Sled And Stop



- Stop must be inserted in the red hole to avoid cutting through the back of the sled
- Use the riving knife
- Use cross cut blade
- Clamps to secure material
  - Never clamp the material on both sides of the blade
- Set stops for making repetitive cuts of the same length
- Stored on the side of the extension table on the back of the saw



# Thin Cut Fence And Kit (S-210)

- Make thin rip cuts
- Integrated push stick is 3/16"
- Use ripping blade
- Use the riving knife or blade guard assembly
- Clamps to existing table saw fence
- Stored near sliding compound miter saws
- S-210 kit in the tool crib
  - Push stick
  - Blade Insert
  - Two Clamps



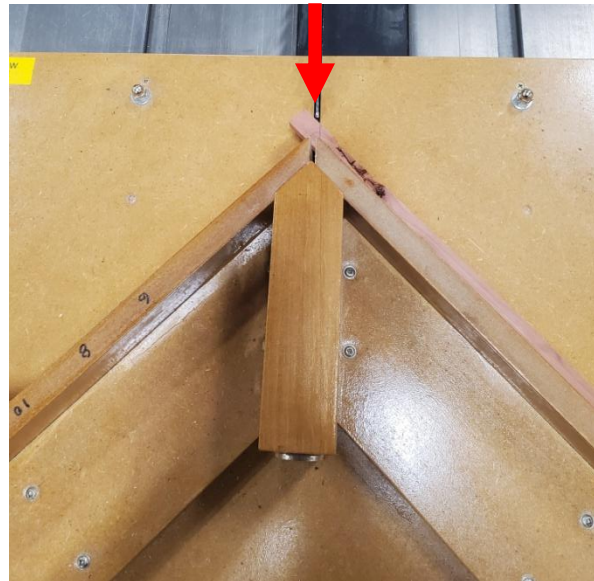
Shown with riving knife instead of blade guard assembly for clarity

# 45/90 Degree Picture Frame Sled

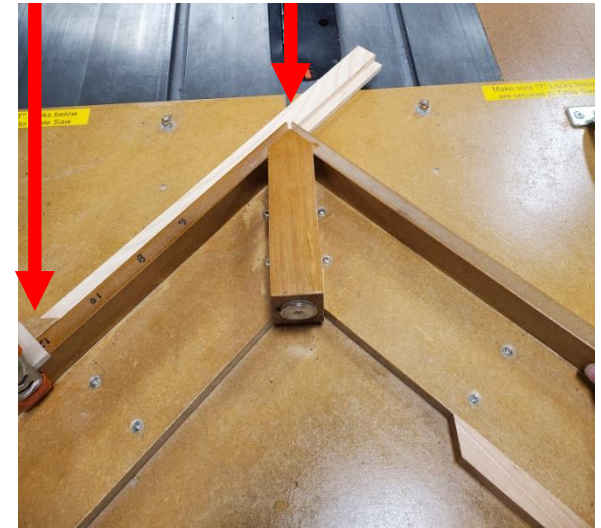
- Highly accurate 45 degree cut
- Measure desired length on one side and clamp a stop block into place
- Stored near sliding compound miter saws



First cut is angle only  
- Length is set on the second cut



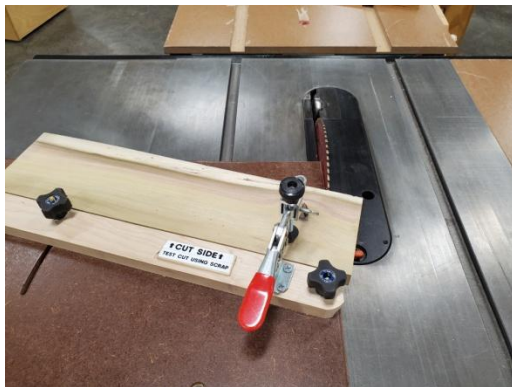
Second cut is to length  
and angle  
- Stop ensures correct length





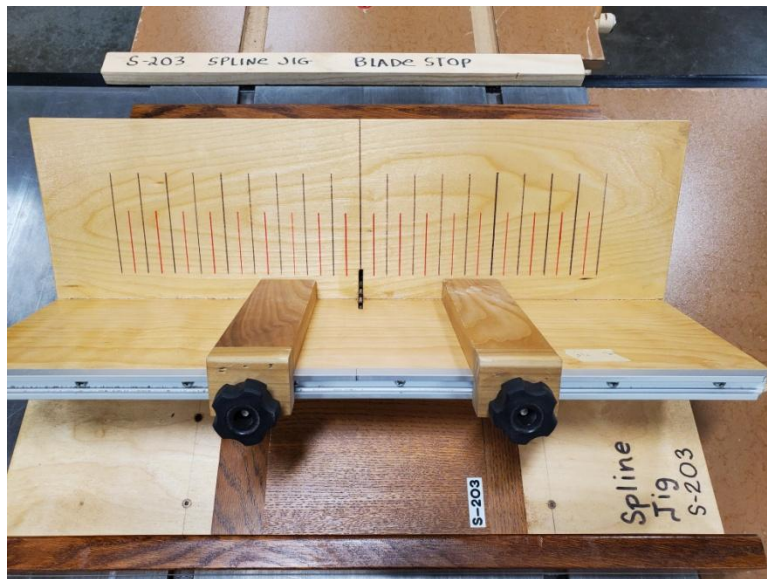
# Segmented Bowl Sled

- **HANDLE WITH EXTREME CARE - This is a HIGH precision sled**
- Cross cut predefined angles
- Sled and templates for various segments/angles stored in the tool crib
- Align line on sled with line on template
  - Do not align using the end of the template and the sled's edge
- First cut on one rail, second cut on the other rail (Use integrated clamps to secure material)



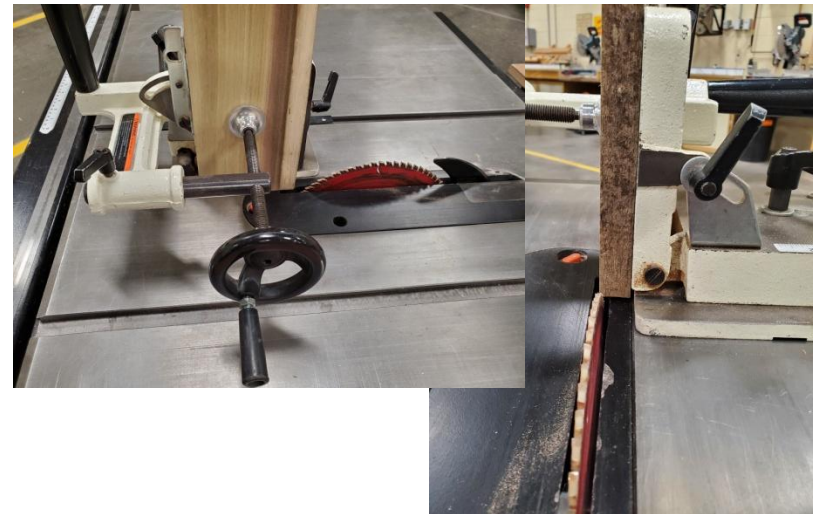
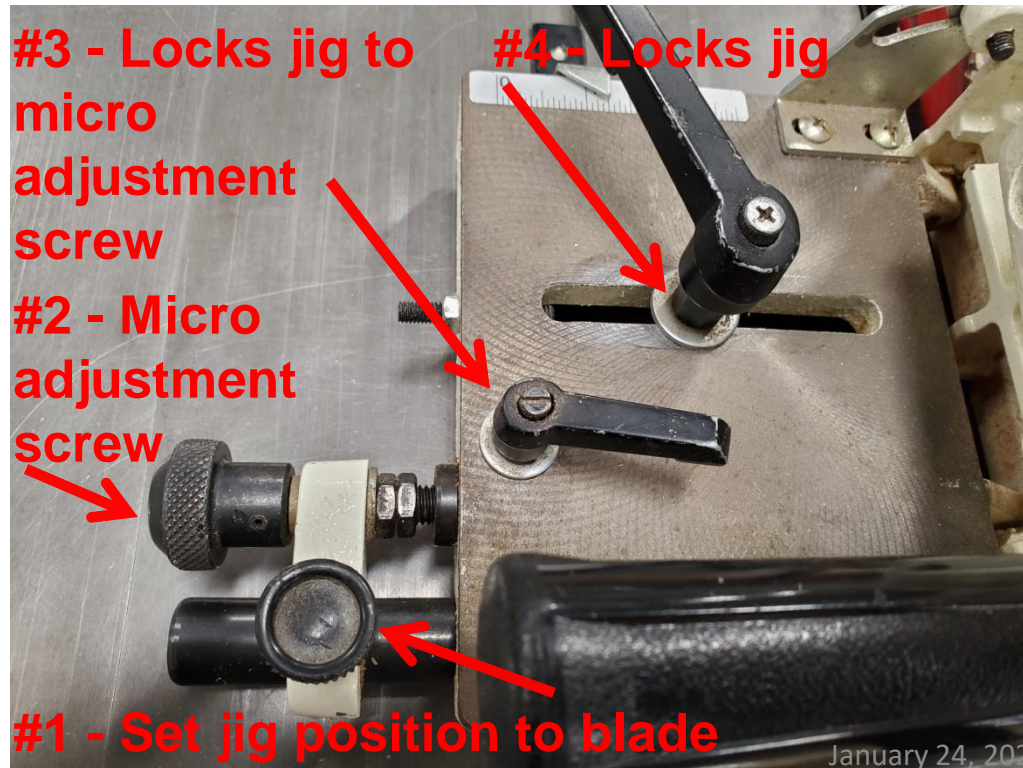
# Spline Jig (S-203)

- Stop Must Be Inserted To Avoid Cutting Through The Back Of The Sled
- Insert thin wooden splines into angled joints
- Adjustable stops to hold material in place
- Stored near sliding compound miter saws



# Tenon Jig

- Cuts tenon portion of joint
- Set blade height to length of tenon
- Located in drawers adjacent to table saws



# Box Joint Jig Set (S220)

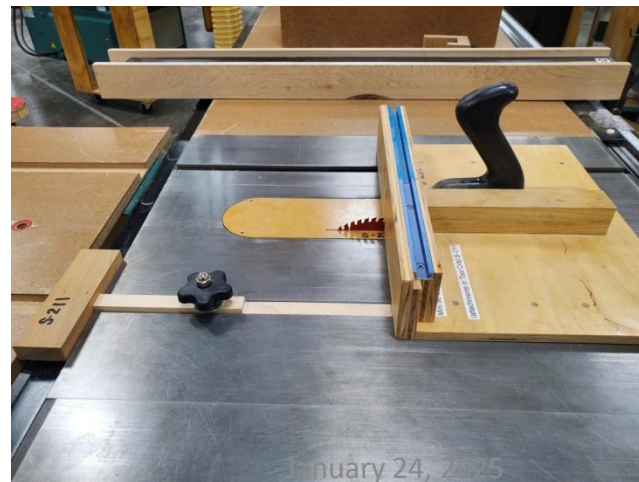


- Use With 8" Dado Set
  - S-330 (A Or B)
- 3 Brass Bars To Calibrate Spacing
- Use The Dado Blade Insert
- Bring scrap wood to calibrate spacing and practice fitting the pieces (this takes time)



# Mini Cut Sled (S-211)

- Stop Must Be Inserted To Avoid Cutting Through The Back Of The Sled
- Useful For Cutting Smaller Material
- Includes A Zero Clearance Blade Insert
- Used With 8" Thin Kerf Blade
  - Ask The Maintenance Staff
  - Do not use with the standard 10" blades
- Stored near sliding compound miter saws
- S211 in the tool crib



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# Tall Fence

- Slides over existing fence
- Provides vertical support on taller material
- Frequently used when resawing
- Stored near sliding compound miter saws



# Table Inserts

**STANDARD**

Standard insert used for majority of cuts

Dado insert must be used for dado cuts

**DADO**

**ZERO**

**CLEARANCE**

Zero clearance used for thin cuts

# Dado Blades

- Check out from the tool crib (VWC has two sets)
- Must use the dado table insert
  - If its not on your saw, swap inserts with the other Grizzly saw
- Cannot be used with the blade guard assembly or riving knife
- Use the dado guide when appropriate
- Use a sacrificial fence when cutting a rabbet (or other edge) cut
- Make practice cuts on scrap material to verify depth and width



**Stacked Dado Blades**



**Dado Insert**



**Sacrificial Fence attached to primary fence for rabbets**



# Dado Sled

- Stop Must Be Inserted To Avoid Cutting Through The Back Of The Sled
- Ensures 90 degree cut
- Max cut height  $\frac{3}{4}$ "
- Max cut width  $\frac{3}{4}$ "
- Stored near sliding compound miter saws



Dado blades not installed for this photo