

## INSTRUCTION SHEET

# POWERTEC®

## 71035 Table Saw Angle Cutting Jig



### WARNING

For your own safety, read the table saw instruction manual before using this accessory. Failure to heed these warnings may result in personal injury and serious damage to the table saw and the accessory.

### WARNING

Always follow proper operating procedures as defined in this manual even if you are familiar with use of this jig. Remember that being careless for even a fraction of a second can result in severe personal injury.

You must be familiar with the use of any tool or accessory used with this jig. The supplier cannot be held responsible for any accident, injury or damage incurred while using this taper jig with any tool.

### WARNING

Some dust created by operation of power tool contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. To reduce your exposure to these chemicals, work in a well ventilated area and work with approved safety equipment. Always wear OSHA/NIOSH approved, properly fitting face mask or respirator when using such tools.

### CAUTION

Do not modify or use this jig for any application other than that for which it was designed.

## SAFETY RULES

- Disconnect the plug from the power source of the power tool before changing accessories. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Always keep your hands away from the cutting area and be aware of the blade at all times. Use a push block when needed.
- It is the sole responsibility of the purchaser of this tool to ensure that anyone using this jig reads and agrees to all the safety precautions outlined in this manual and the table saw's manual prior to using the tool.
- The jig is intended only for use on table saws.
- Keep the saw blade as low as possible to make the cut as specified by your saw's instruction manual.
- Before making the actual cut, become familiar with the cutting process by practicing the motion of the cut with the blade lowered and the power turned off.
- Use adequate outfeed support when cutting long pieces.

- The jig handle must be installed when making all taper or straight line cuts.
- The saw fence must be used when making taper cuts.
- The work stop on the jig must be used during cuts. Make sure all fasteners are tight.

### CAUTION

Think safety! Safety is a combination of operator common sense and alertness at all times when taper jig is being used.

## SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

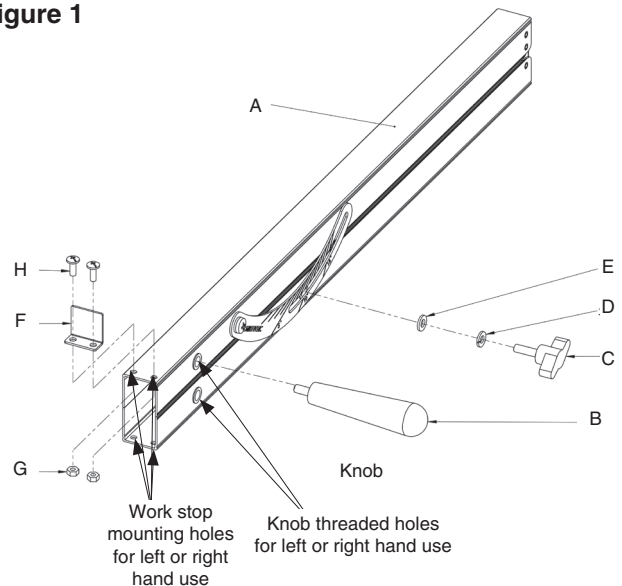
## UNPACKING

### Refer to Figure 1

Check for shipping damage. Check immediately whether all parts and accessories are included.

ITEM	DESCRIPTION	QTY
A	Taper Jig	1
B	Handle	1
C	Wing Knob	1
D	Spring Washer	1
E	Washer	1
F	Work Stop	1
G	Nuts 3/16"	2
H	Screw 3/16"	2

Figure 1



## ASSEMBLE THE JIG

### Refer to Figure 1

**NOTE:** The handle and work stop can be assembled for left and right side use.

- Assemble the wing knob, spring washer and washer through the gauge and into the threaded hole in the angle jig.
- Thread the handle into the correct threaded hole for left or right side use. Tighten securely.
- Assemble the work stop in the correct mounting holes for left or right side use. Make sure the hardware is tightened.

## TO USE

Refer to Figure 2

### **WARNING**

Make sure all guards on the table saw are in place. For clarity the saw blade guard is not shown in the illustrations.

**NOTE:** The taper jig is marked and can be set in degrees. For your reference:

1"/foot = 4.8 degrees

2"/foot = 9.5 degrees

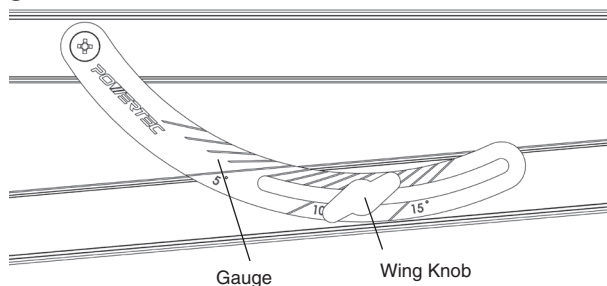
3"/foot = 14.0 degrees.

**NOTE:** Plan your project before setting up the taper jig.

• **If you know the required angle of cut for your project:**

- Loosen the wing knob, place the taper jig in the correct angle and tighten the wing knob to lock the jig.
- Place the taper jig against the table saw fence with the workpiece against the work stop.
- Adjust the fence to the width of the workpiece and align the blade with the starting mark on your workpiece.

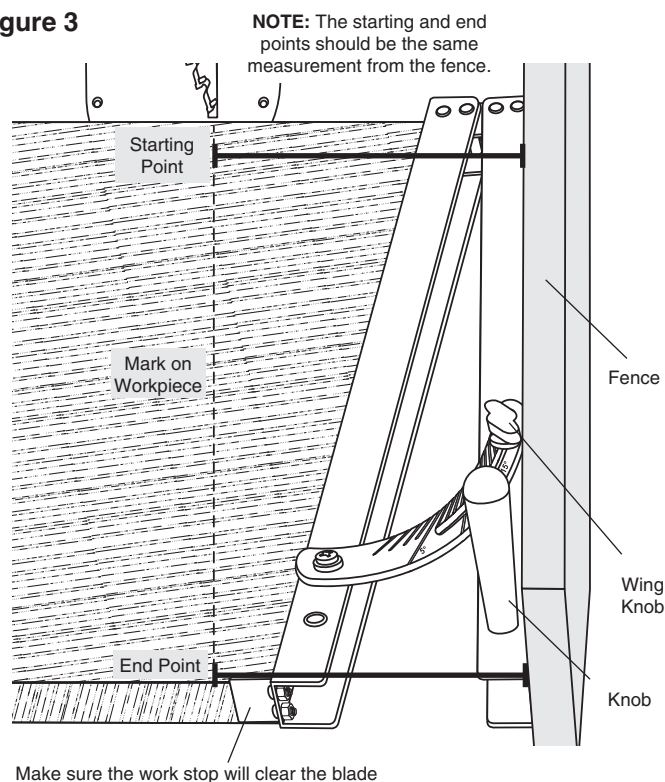
Figure 2



• **If you DO NOT know the required angle of cut for your project:**

- Mark the full taper on your workpiece.
- Place the taper jig against the table saw fence and loosen the wing knob.
- Place the marked workpiece against the jig and measure the starting and end points, both should measure the same distance from the table saw fence, see Figure 3. Tighten the wing knob to lock the jig.

Figure 3



- Before starting the cut, make sure the blade will clear the work stop.
- Turn the table saw on and guide the workpiece through the saw blade using the knob.

### **WARNING**

If needed use a push block, **DO NOT** place the hands close to the blade.

## MAINTENANCE

### GENERAL MAINTENANCE

### **WARNING**

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

### **WARNING**

Keep the taper jig dry, clean, and free from oil and grease. Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum based products or any strong solvent to clean the taper jig. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

Visit us on the web at [powertecproducts.com](http://powertecproducts.com)



Put these instructions and the original sales invoice in a safe, dry place for future reference.

Southern Technologies, LLC  
Waukegan, IL 60087