

POWERTEC®

Adjustable Angle Guide for Track Saw Rail



WARNING

For your own safety, read the machine's instruction manual before using any accessory. Failure to heed these warnings may result in serious personal injury and damage to the tool and the accessory.

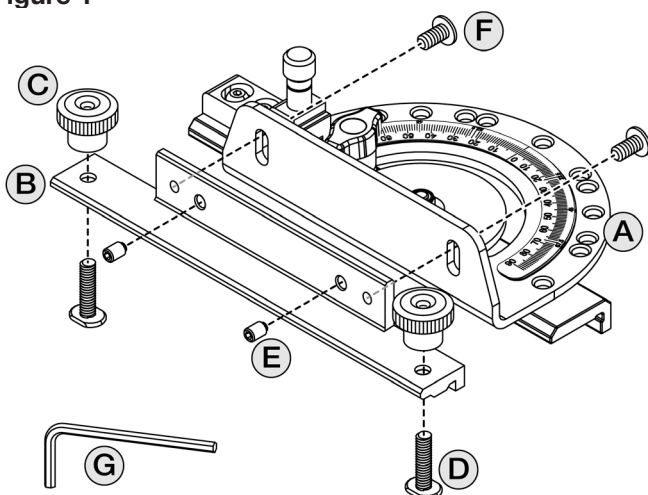
- Before using the Adjustable Angle Guide, read and follow all instructions and safety information provided.
- Always keep hands clear of the blade, cutter, sanding disc/belt.
- Before making adjustments to the Adjustable Angle Guide, turn off the power, allow the blade, cutter or sanding disc/belt to come to a complete stop and unplug the machine.
- Ensure knobs are tight before using.
- **To avoid accidental start-up**—Make sure machine is in the "OFF" position before plugging in.

UNPACKING CONTENTS

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

ITEM	DESCRIPTION	QTY
A	Angle Gauge Head with Fence	1
B	Angle Guide Bracket	1
C	Round Knob	2
D	T-bolt, 1/4"-20 x 1"	2
E	M6 Rubber Tipped Hex Screw	2
F	Pan Head Screw	2
G	M3 Hex Wrench	1

Figure 1



WARNING

To avoid serious personal injury and damage to the product, unplug the machine before attaching or adjusting the Adjustable Angle Guide.

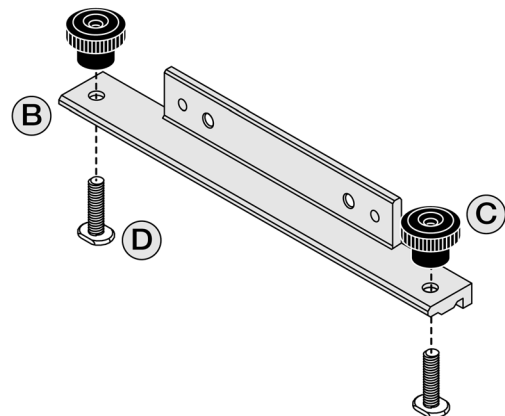
ASSEMBLY

Refer to Figure 1-4

Additional Tool needed: Phillips® screwdriver

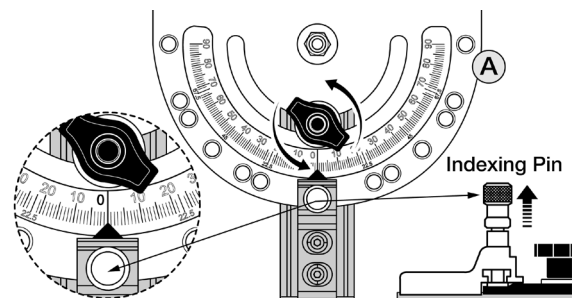
1. Insert T-Bolts (D) from bottom of Bracket (B). Thread Round Knobs (C) onto T-bolts. Do not tighten at this time.

Figure 2



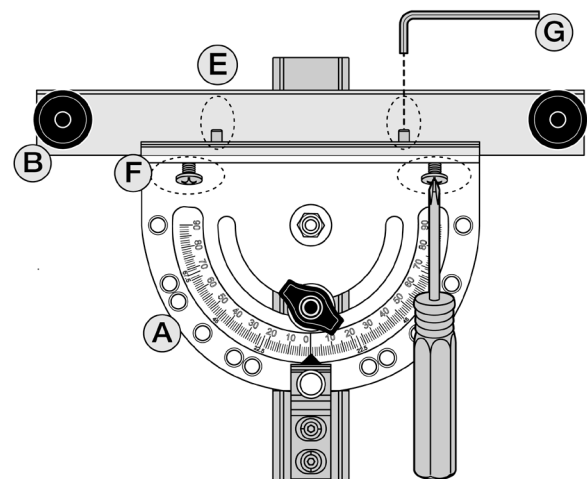
2. Loosen Wing Knob. Lift spring loaded Indexing Pin on Indexing Lever and rotate to keep it raised. Rotate Gauge Head to **0° position**. Allow Indexing Pin to drop into **0° stop**. Do not tighten Wing Knob at this time.

Figure 3



3. Attach Angle Gauge Head (A) to Bracket (B) using Pan Head Screws (F). Use a Phillips screwdriver (not included) to insert the screws. Do not tighten.
4. Use M3 Hex Wrench (G) to insert Rubber Tipped Screws (E) into rear holes in Angle Guide Bracket (B). Do not tighten.

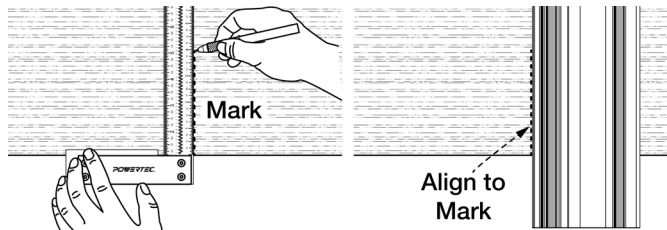
Figure 4



CALIBRATE ANGLE GUIDE TO TRACK SAW GUIDE RAIL

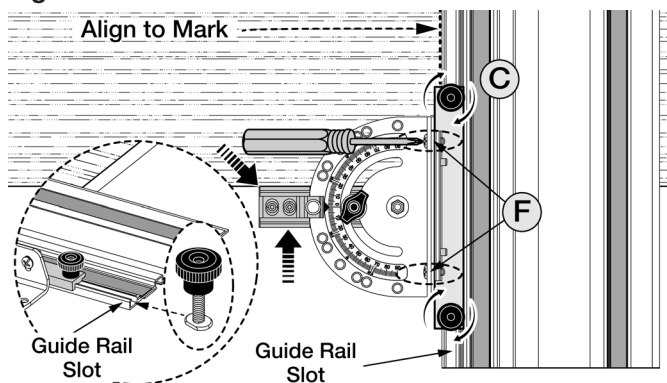
1. Use a board or workbench with a straight and square edge.
2. Using a square, mark a straight line on the board/workbench, ensuring it is perpendicular to the edge.
3. Align the guide rail with the line. For best results clamp it to the work surface (clamp sold separately).

Figure 5



4. To adjust the height of Angle Gauge Head (A) to guide rail, slide T-Bolts (D) into top slot of guide rail. Ensure the Angle Gauge Head is flat on the top of the board/workbench. Tighten Round Knobs (C). Use a Phillips screwdriver (not included) to fasten Pan Head Screws (F).

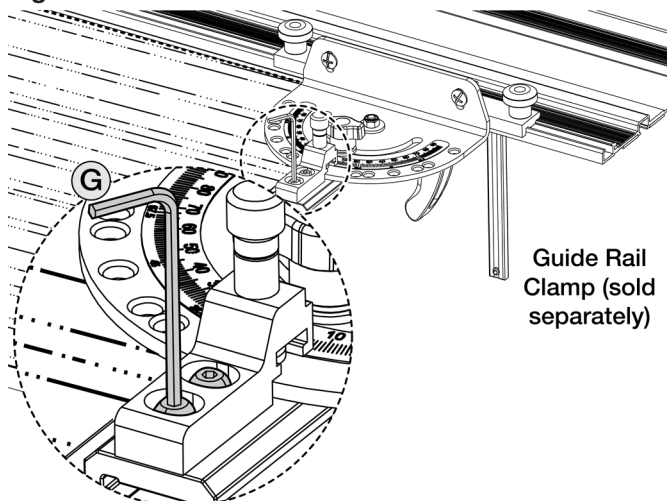
Figure 6



SETTING THE ANGLE GUIDE TO 90°

1. Loosen Round Knobs (C), then use M3 Hex Wrench (G) to loosen the 2 screws on Indexing Head. Ensure the Angle Guide Fence is flush tightly against the edge of the board/workbench.
2. Tighten Wing Knob on Angle Gauge Head (A) and Round Knobs (C) on Bracket (B).
3. While the Spring Loaded Pin is dropped into the 0° positive stop and locked into position, adjust and **ensure index point is on 0°**. Use M3 Hex Wrench (G) to fasten 2 Hex screws on Indexing Head.

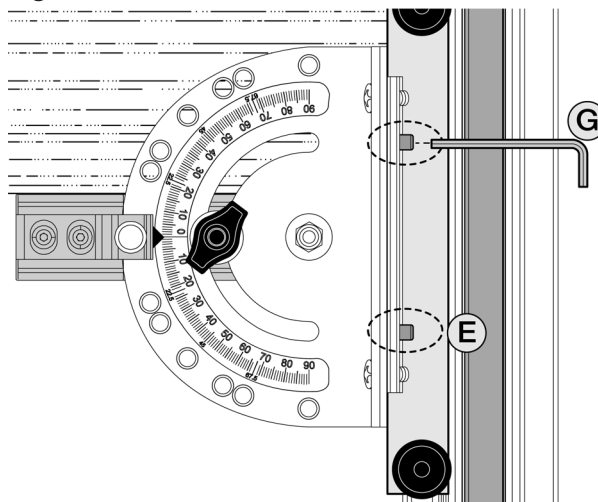
Figure 7



TO VERIFY CALIBRATION

The Angle Gauge is equipped with two Rubber Tipped Screws (E) that provide adjustment if, after calibrating, slight adjustment is required.

Figure 8

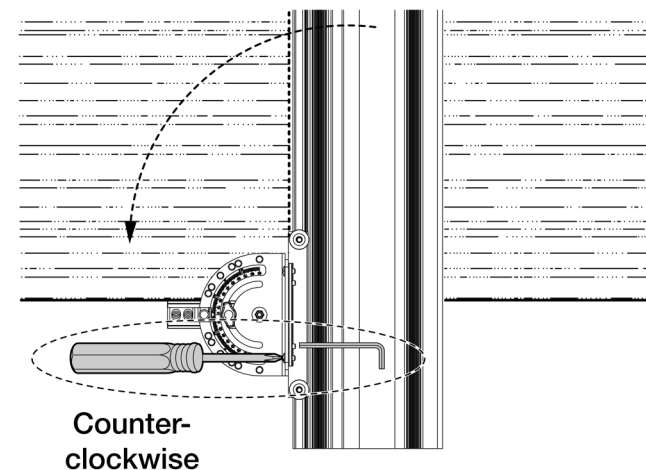
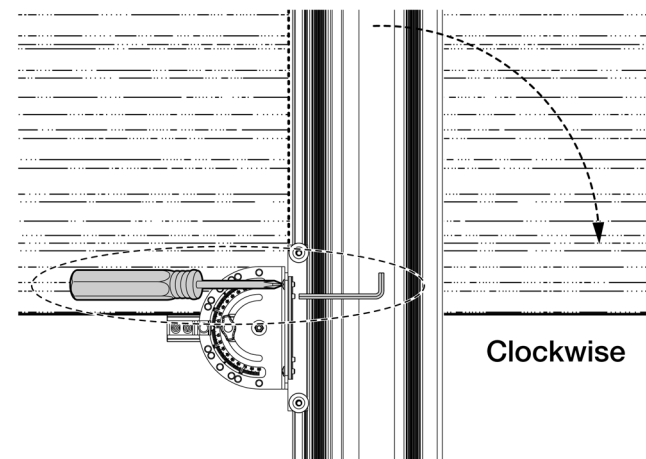


- Remove guide rail clamps.
- Press Angle Guide Fence tightly against edge of board/workbench to verify whether guide rail is flush with drawn mark.

Left screw adjustment: Slightly loosen the Left Pan Head Screw (F) and tighten the Rubber Tipped Screw (E). Guide rail shifts clockwise.

Right screw adjustment: Slightly loosen the Right Pan Head Screw (F) and tighten the Rubber Tipped Screw (E). Guide rail shifts counterclockwise.

Figure 9



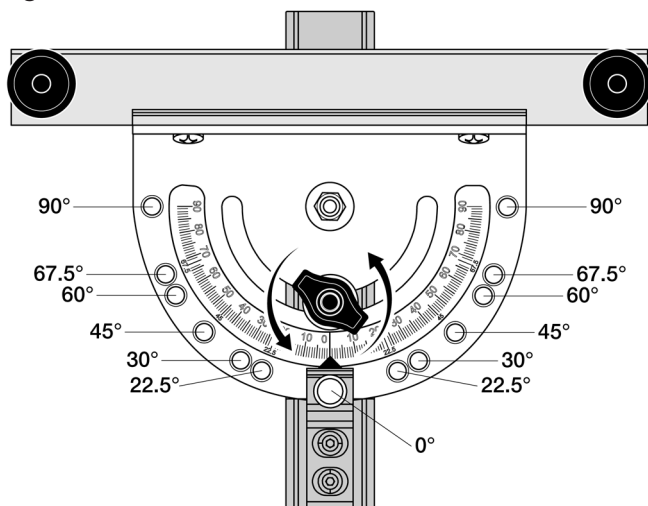
OPERATION

NOTE: The Angle Gauge is equipped with a protractor style miter head with a spring loaded Indexing Pin. The most commonly used angles have positive stops of **0°, 22.5°, 30°, 45°, 60°, 67.5° and 90°**.

To Set an Angle:

- Remove Calibrated Angle Guide from guide rail and loosen Wing Knob.

Figure 10



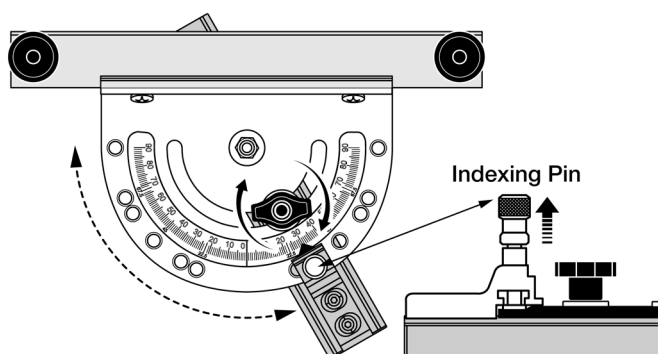
Option 1:

- Lift Indexing Lever with the Spring Loaded Pin and rotate to keep raised. Move Angle Gauge Head to desired angle.
- If desired angle is a positive stop, rotate Indexing Lever to allow Pin to drop into the hole of chosen positive stop.
- Tighten Wing Knob to secure into place.

Option 2:

- If the desired angle is not a positive stop, **keep Spring Loaded Pin raised**.
- When desired angle is reached—tighten Wing Knob to secure in place.

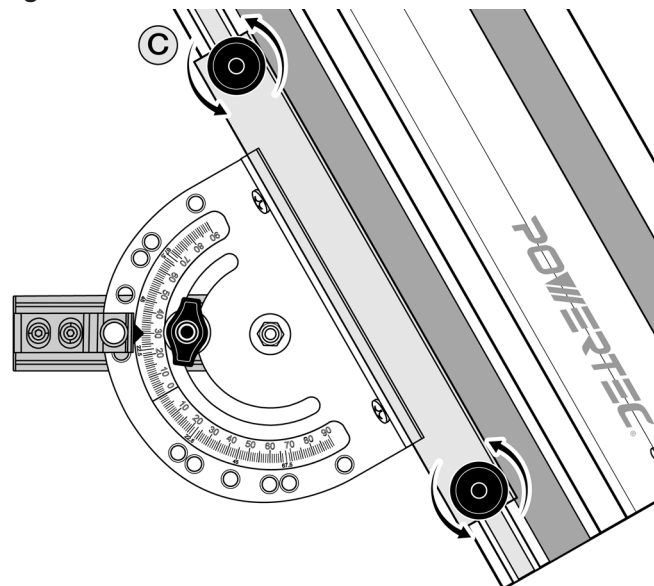
Figure 11



Attach Angle Guide To Guide Rail: (sold separately)

- With angle guide set to users preference—Loosen Round Knobs (C)—slide T-bolts (D) into top slot of guide rail.
- Slide Angle Guide to desired position.
- Tighten Round Knobs (C).

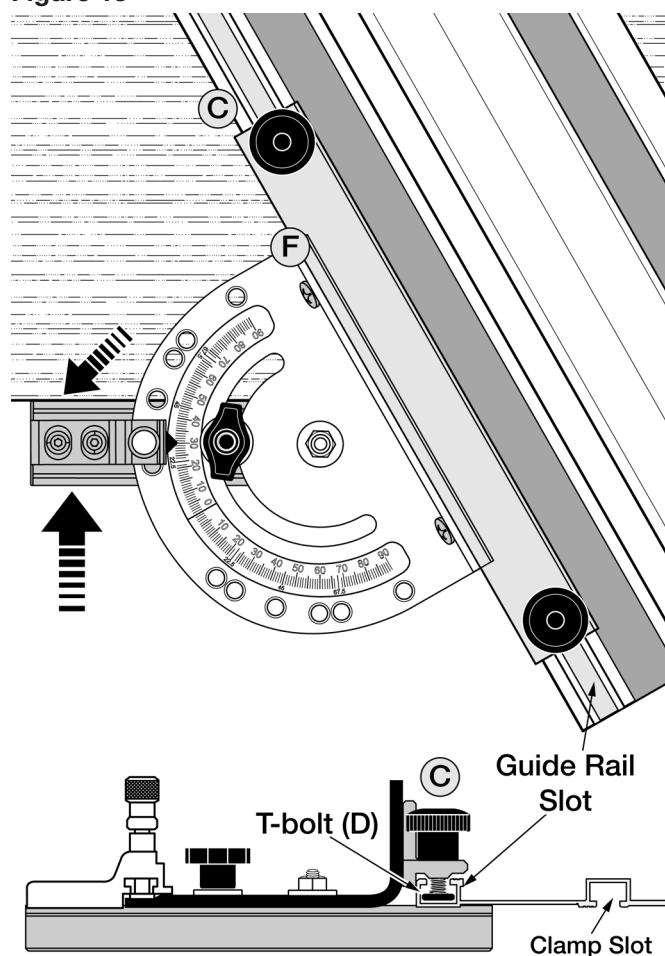
Figure 12



Set Angle Guide with Guide Rail Onto Workpiece:

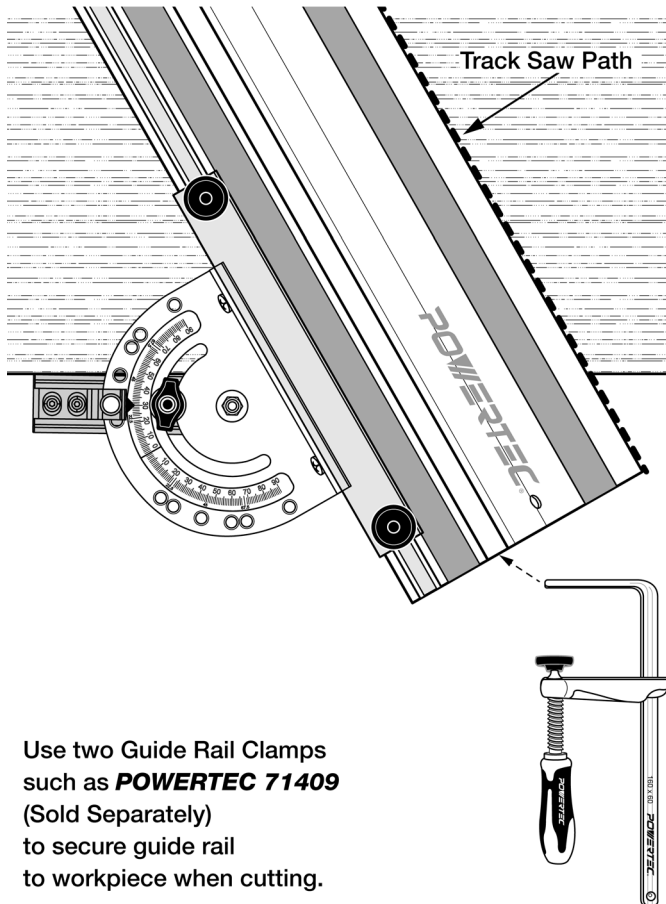
- Press the Angle Guide Fence tightly against the edge of the workpiece.

Figure 13



- While keeping the Angle Guide Fence tightly flush against the edge of the workpiece, use clamps (sold separately) to secure the guide rail to the workpiece.

Figure 14



Use two Guide Rail Clamps such as **POWERTEC 71409** (Sold Separately) to secure guide rail to workpiece when cutting.

**Setup is now complete.
Cut workpiece with the track saw.**

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 Adjustable Angle Guide 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 Adjustable Angle Guide. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

! WARNING

Risk of personal injury and damage to the product. Before removing the track saw from the guide rail, turn off the power, allow the blade to come to a complete stop and unplug the track saw.

Visit us on the web at www.powertecproducts.com



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

Southern Technologies, LLC • Chicago, IL 60606