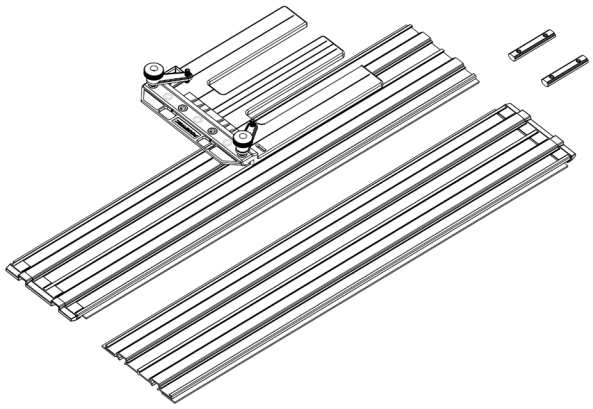
INSTRUCTION SHEET **Model No. 72094**

POWERTEC®

Circular Saw Track Joining Kit

QUESTION...
1•847•780•6120



⚠WARNING

For your own safety, read and understand all warnings and operating instructions before using any tool or equipment.

- Always keep hands clear of blade, cutter, sanding disc/belt.
- Before making adjustments to the Circular Saw Guide Rail, turn off the power, allow the Circular Saw to come to a complete stop and unplug the machine.
- Ensure screws and knobs are tightened before using.
- To avoid accidental start-up—Make sure machine is in the OFF position before plugging in.

⚠WARNING

Some dust created by power sanding, sawing, grinding, drilling and other construction activities can expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

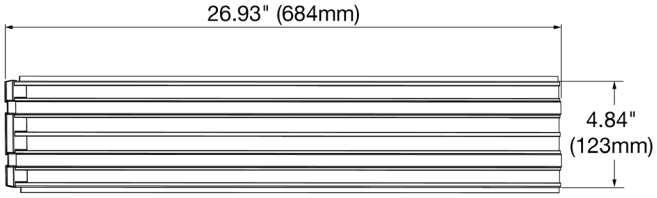
Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks and cement and other masonry products.
- Arsenic and chromium from chemically-treated lumber.

NOTE: *Your risk from these exposures varies, depending on how often you do this type of work. 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.*

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

SPECIFICATIONS



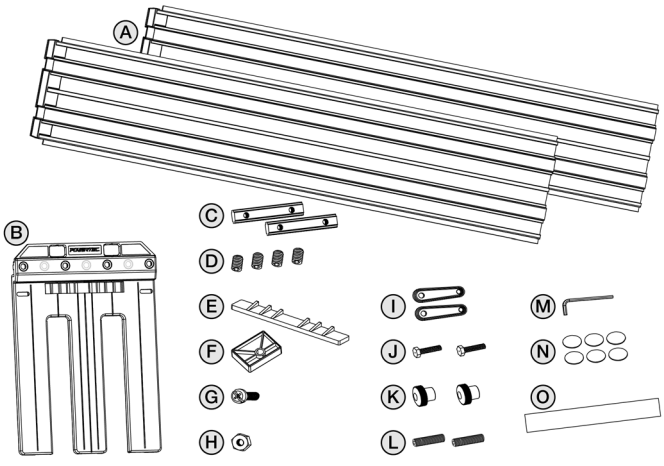
CONTENTS

Examine carton for shipping damage. Check immediately whether all parts and accessories are included. If anything is missing or broken, contact your retailer or call **847-780-6120.**

NOTE: *Carefully remove all contents from shipping carton. The shipping carton contains:*

ITEM	DESCRIPTION	QTY
A	Tracks	2
B	Sled	1
C	Connector Bars	2
D	Set Screw M6x8	4
E	Filler Strip	1
F	Indexing Stop	1
G	Round Head Cross Screw M5x15	1
H	Hex Nut #10	1
I	Base-plate Clamp	2
J	Hex Head Full Thread Bolt 1/4"	2
K	Knobs	2
L	Set Screw M6x20	2
M	Hex Wrench M3	1
N	Round Pads	6
O	PVC Slip Tape, 3.937" x 0.787" (100mm x 20mm)	1

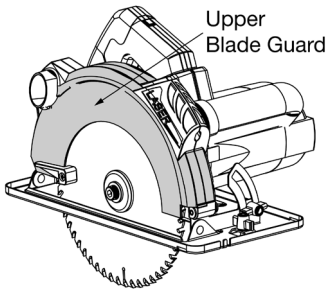
Figure 1



⚠ ATTENTION

This Circular Saw Track Joining Kit works best with circular saws having a metal upper blade guard. Saws with a plastic upper blade guard may allow excessive deflection between blade and base plate causing undesirable results when using this Track Joining Kit. Please check upper blade guard on the circular saw. ***If upper blade guard is plastic, POWERTEC does not recommend using this type circular saw.***

Figure 2



ASSEMBLY

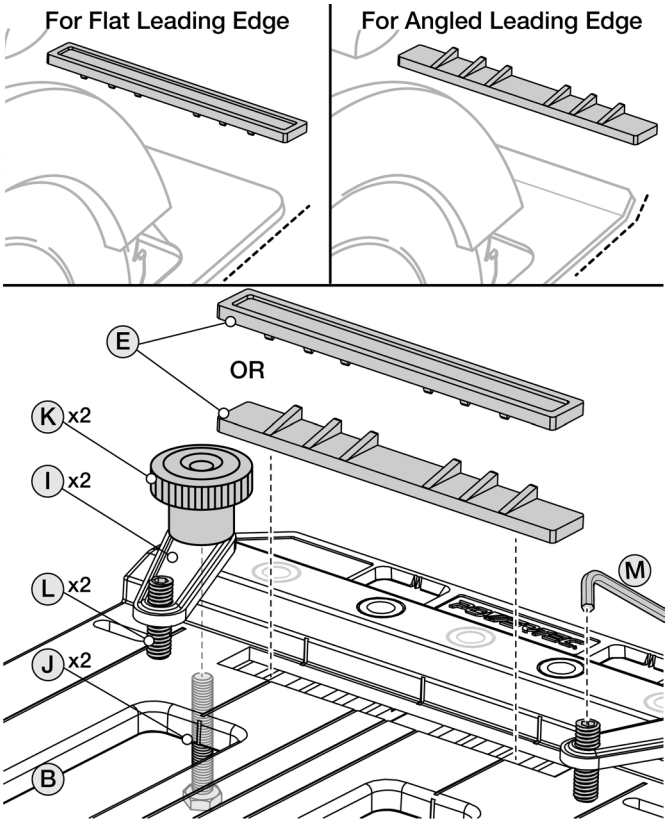
Tools needed: Phillips® screwdriver (not included)

STEP 1:
Prepare the Sled

There are two alternative uses for Filler Strip (E). It is designed with a flat surface on one side and support ribs on the other side.

- **For saw base with a flat leading edge** press Filler Strip (E) into the sled recess with the ribs facing down.
- **For saw base with an angled leading edge** insert Filler Strip (E) in the sled recess with the ribs facing up.
- Insert M6x20 Set Screws (L) into the narrow end of Base-plate Clamp (I) and twist into place using Hex Wrench (M).
- From the bottom of sled (B), insert 1/4" Hex Bolt (J) through side hole, and the hole in wide end of Base-plate Clamp (I).
- Secure with Round Knob (K).
- Repeat on the other side.

Figure 3

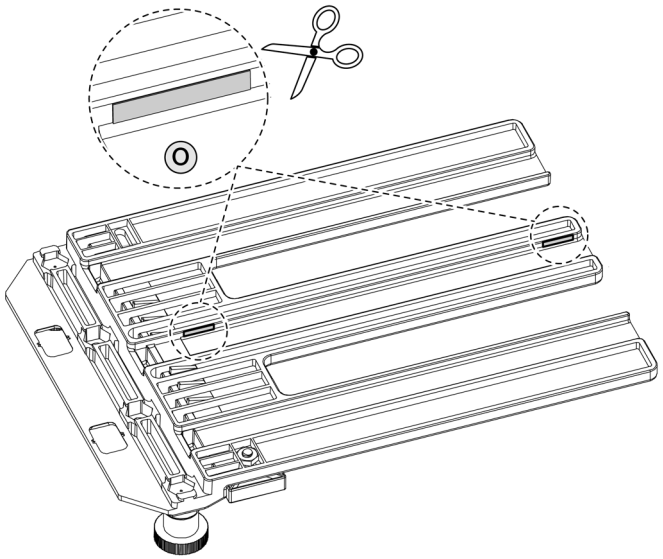


STEP 2:
Attach Adhesive PVC Slip Tape (O) [Optional]

If needed—cut two small pieces (1/8" x 1") and attach to Sled (avoid radius edges on bottom).

NOTE: *The tape is to be used to eliminate any potential play between sled and track.*

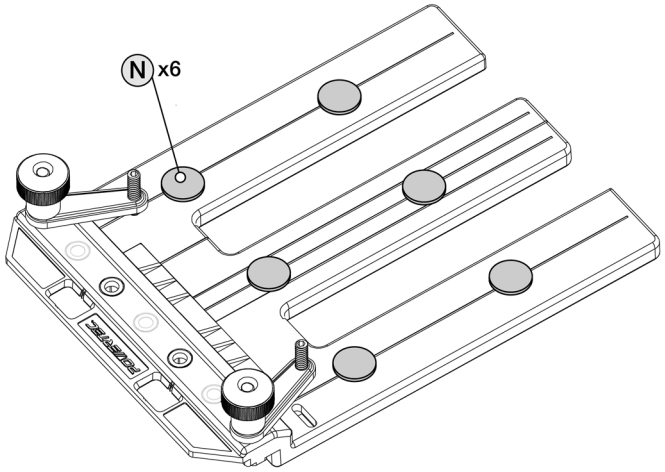
Figure 4



STEP 3:
Insert Round Pads (N)

- Set 6 ea. Round Pads (N) in place to help grip and reduce saw vibration.

Figure 5



STEP 4: See Figure 6
Set Saw Onto Sled (saw not included) and Attach Saw Base Indexing Stop (F)

⚠WARNING

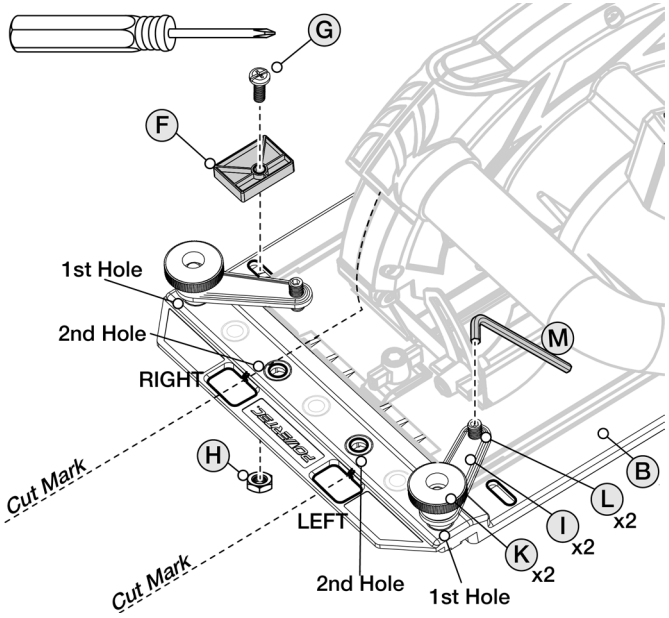
Risk of unintentional start up. To reduce the risk of injury, turn tool switch OFF and always unplug tool before attaching or removing accessories, or making adjustments.

- Position saw on Sled (B) with front of saw's base plate against step at front of Sled.
- **For saws with right-hand blade**: center blade with right blade indexing sled window (shown).
- **For saws with left-hand blade**: center blade with left blade indexing sled window.

NOTE: *To accommodate different saw base-plate designs, Sled has two holes for attaching each Base-plate Clamp (I) to the Sled. For secure clamping, choose holes providing the widest spacing allowed for the saw. Clamps can be set at an angle. Tighten Set Screws (L) onto saw's base plate enough to securely hold saw. Do not over-tighten. Ensure saw-blade guard operates freely.*

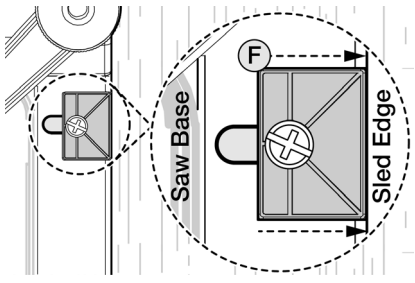
- Position right or left as needed.
- When aligned, secure saw to Sled with Base-plate Clamps (I), Set Screws (L), and Knobs (K). Use Hex Wrench (M) provided to tighten Set Screws.
- Set Indexing Stop (F) on one side of the saw base. Attach with M5x15 Screw (G) and #10 Hex Nut (H) using a Phillips screwdriver (not included). Do not tighten at this time.

Figure 6



- Indexing Stop (F) should be moved to the outer edge of Sled slot away from saw's base to allow saw positioning.
- Do not tighten at this time.

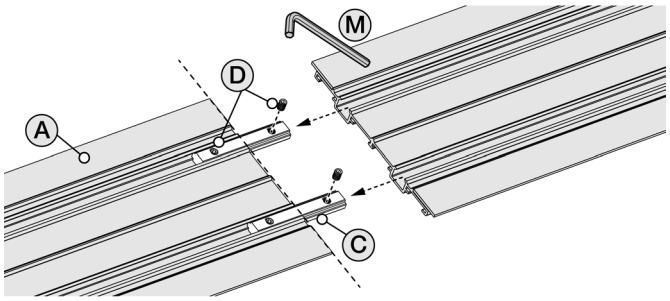
Figure 7



STEP 5:
Assemble/Extend Tracks (A)

- Place both Tracks (A) upside down, end to end and move about 6" apart.
- Slide both Connector Bars (C) partially into T-slots on one of the Tracks. Put 4 Set Screws (D) in each available hole. Tighten only enough to hold in place.
- Slide second Track (A) onto Connector Bars leaving about 1/32" (0.8mm) gap between the tracks and tighten all Set Screws using Hex Wrench (M) provided.

Figure 8

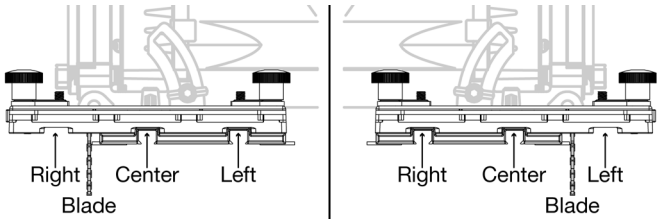


STEP 6:
Align Saw/Sled Assembly onto Track

- There are three grooves on the bottom of Sled (B).
  - **For a saw with the blade in the right-hand sled slot**, the center and left grooves ride on the track (A) rails.
  - **For a saw with the blade in the left-hand sled slot**, the center and right grooves ride on the track rails.
- Position saw/sled assembly onto Track, engaging the appropriate Sled grooves.
- Loosen Base-plate Clamps (I) and Set Screws (L) enough to slide saw side to side.
- Align saw to shave approximately 1/8" (3.175mm) (or kerf width) off the splinter guard strip. Verify blade will not contact track.
- Make sure saw blade guard turns freely and does not contact Tracks or Sled.
- Tighten Base-plate Clamp and Set Screws enough to securely hold saw. Do not over tighten.
- Slide Indexing Stop (F) against saw base and tighten with Phillips screwdriver (not included).

NOTE: *This setup allows removal of saw from Sled assembly and re-mounting to the exact same position.*

Figure 9

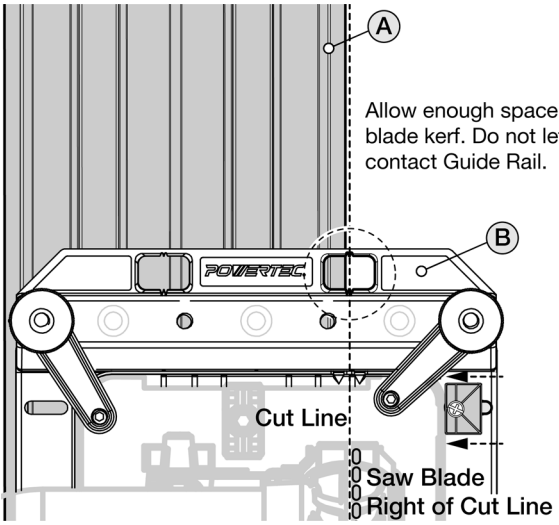


STEP 7:
Calibrate Saw to Splinter Guard (see Figure 10)

- Place track with saw and sled onto a scrap piece of wood.
- Set the saw blade deep enough to just cut through the splinter guard.
- Turn on the saw and trim the splinter guard for zero-offset positioning of the track.
- The splinter guard is now calibrated to the saw and will align to the cut line and prevent splintering.

NOTE: *To avoid material waste. Set up test cut to narrowest allowable measurement from edge of workpiece.*

Figure 10



GENERAL MAINTENANCE

⚠WARNING

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage.

⚠WARNING

Keep the Circular Saw Guide Rail 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 Circular Saw Guide Rail. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

OPERATION:
Prepare for Cutting

⚠WARNING

Risk of serious personal injury. When making cuts, especially narrow cuts, keep hands away from blade while making cuts or during operation.

- Mark the cutline on your workpiece. Position track with edge of splinter guard strip on cutline of workpiece. Always make cuts with finished workpiece under the track and waste-cut to the outside.
- Place saw/sled assembly onto track and align Sled with Track. Adjust depth-of-cut so blade will protrude at least 1/8" (3.175mm) through workpiece during cut.
- Completely support the workpiece and cutoff with 2x4s, 2" (50mm) thick rigid foam insulation or scrap wood laid flat on the floor or workbench.
- Connect saw to power.
- With blade clear of workpiece, hold the saw with both hands and turn saw on. Apply light downward pressure on saw and maintain a steady, controlled pace—make the cut.
- Turn off saw and allow blade to stop before removing saw/sled assembly from track.

NOTE: *The saw can be used on both sides of the track for right and left hand saws, utilizing both splinter guards.*

Figure 11 Setup Example

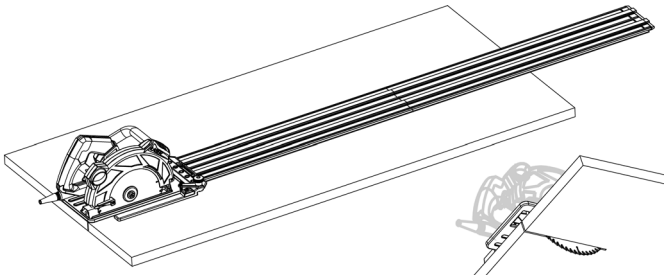
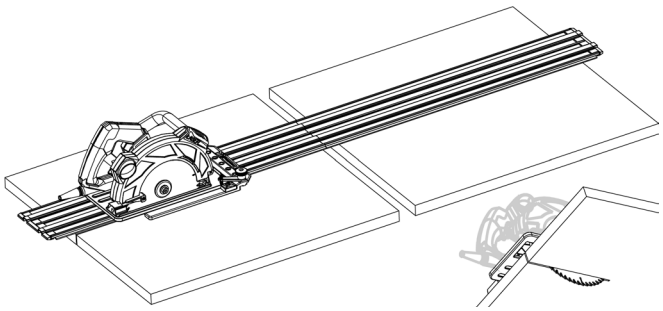


Figure 12 Setup Example



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.