



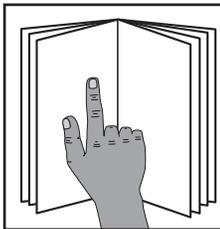
MODEL T34625 MITER GAUGE FENCE w/FLIP STOP INSTRUCTIONS

For questions or help with this product contact Tech Support at (570) 546-9663 or techsupport@grizzly.com

Introduction

This miter gauge fence adjusts from 22" to 38½" and features six 9mm T-slots: two on the fence face, two for configuring flip stops, and one for easy attachment to a compatible miter gauge.

Note: To use the included mounting hardware to attach this fence to a miter gauge, the mounting face of the miter gauge must be between ⅞"–1" thick, less than 2¼" tall, and it must have two through-mounting holes/slots that match the mounting specifications listed below.



⚠ WARNING

To reduce your risk of serious injury, read this entire manual BEFORE assembling or using fence.

Specifications

Product Weight.....	3 lbs.
T-Slot Width.....	9mm
T-Slot Depth.....	7mm
Fence Height.....	2⅝"
Fence Length.....	22"–38½"
Mounting Slot Center Height.....	1⅞"
Included Mounting Screw Size.....	M5-.8

Inventory

Description	Qty
A. Flip Stop Assembly	1
B. Fence	1
C. Knobs M5-.8 (PT34625007).....	2
D. T-Slot Nuts M5-.8 (PT34625009)	2
E. Set Screws M5-.8 x 25 (PT34625022).....	2
F. Set Screws M5-.8 x 35 (PT34625023).....	2
G. Set Screws M5-.8 x 40 (PT34625014).....	2
H. Set Screws M5-.8 x 45 (PT34625024).....	2

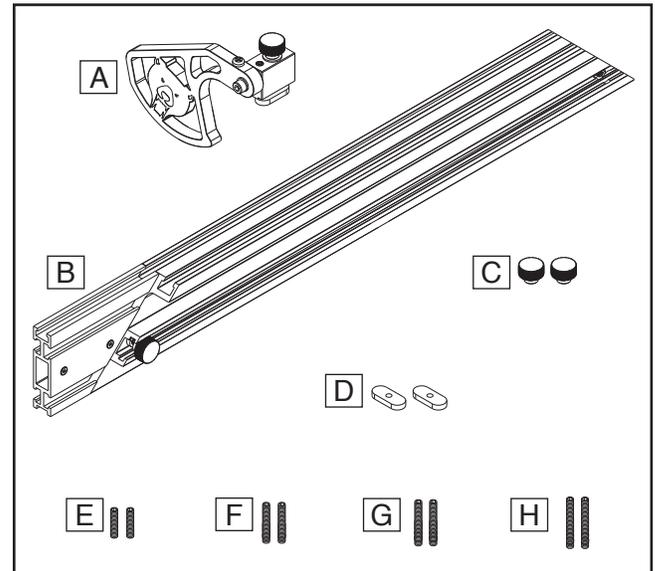


Figure 1. Inventory.

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V1.11.25

Keep for Future Reference

Assembly

Install the Model T34625 on a compatible miter gauge by completing the following steps.

Items Needed	Qty
Miter Gauge.....	1
Calipers or Measuring Tape	1
Hex Wrench 2.5mm.....	1

To assemble miter gauge fence:

1. Measure thickness of miter gauge face (see **Figure 2**).

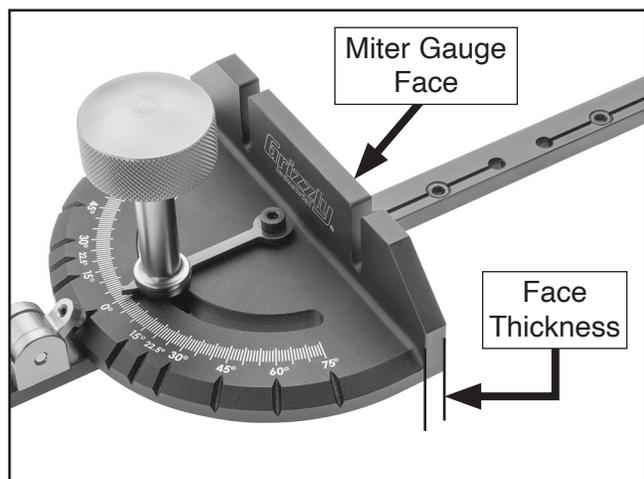


Figure 2. Example of miter gauge face thickness.

Note: If miter gauge face has recesses for mounting hardware, like the one shown in **Figure 3**, measure thickness of face where mounting hardware will sit.

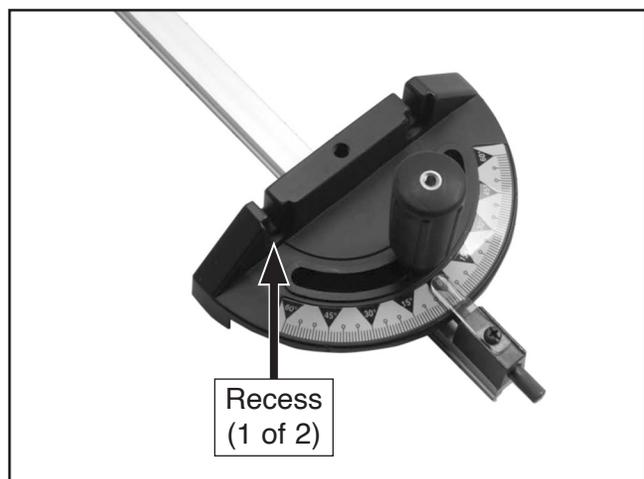


Figure 3. Miter gauge face with recesses for mounting hardware.

2. Determine which included set screw length is correct size for face thickness. Screw must be 16–20mm longer than face thickness.
 - Screw that is *less than* 16mm longer than face thickness will not fully engage T-slot nut to secure miter gauge.
 - Screw that is *more than* 20mm longer than face thickness will bottom out in T-slot before it can secure miter gauge.

Note: We have included set screw lengths (25, 35, 40, and 45mm) that are compatible with most common miter gauges. You may need to obtain a different length if your miter gauge requires it.

⚠ WARNING

If set screw used is not the proper length, fence may come loose during an operation, which could result in kickback or accidental contact with blade, cutter, or abrasive.

3. Fully thread (2) set screws from **Step 2** into M5-.8 knobs (see **Figure 4**).

Note: Set aside remaining set screws. Screws will not be used for this assembly, but may be used later if you wish to install miter gauge fence on a different miter gauge.

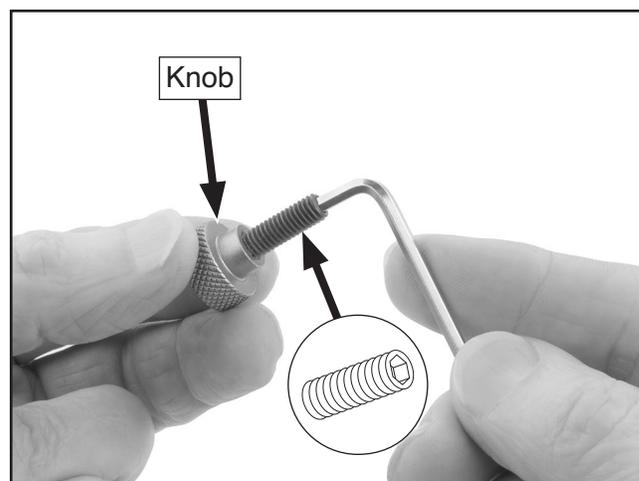


Figure 4. Threading set screw into knob.



- Slide (2) M5-.8 T-slot nuts into T-slot on rear side of fence (see **Figure 5**).

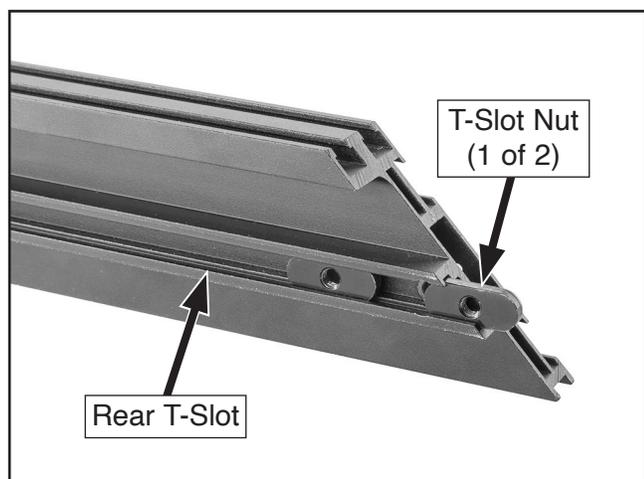


Figure 5. T-slot nuts in rear T-slot of fence.

- DISCONNECT MACHINE FROM POWER**, then place miter gauge in machine table miter slot.

Note: *This will minimize miter gauge movement during assembly and allow you to install fence flush with table surface.*

- Place fence against miter face, and move T-slot nuts so they align with mounting holes/slots in miter gauge face (see **Figure 6**).
- Insert (2) knob bolts assembled in **Step 3** through miter gauge face and loosely thread them into T-slot nuts (see **Figure 6**).

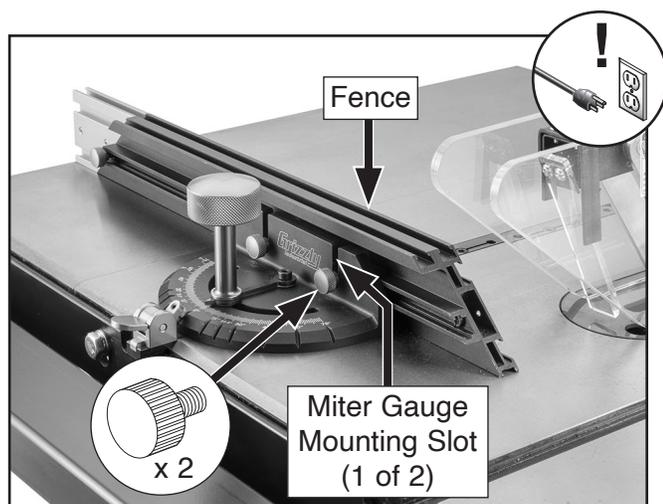


Figure 6. Fence attached to miter gauge.

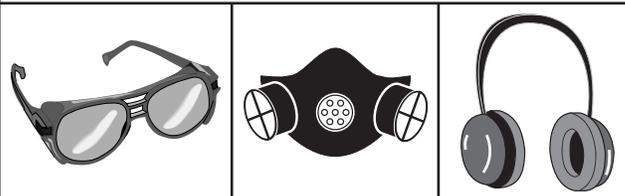
- Ensure fence is flush with machine table along its entire length, then fully tighten knobs to secure.

Using Miter Gauge Fence

For clarity, the following steps describe use of the Model T34625 with a miter gauge installed on a table saw, but this fence can also provide added support to smoothly feed workpieces across any table with a compatible miter slot.

!WARNING

Eye, lung, or ear injuries can occur while operating woodworking machinery. Wear personal protective equipment to reduce your risk from these hazards.



!WARNING

- To reduce risk of cuts, amputation, or death while using miter gauge fence:
 - **DISCONNECT MACHINE FROM POWER** and allow cutter, blade, or abrasive to come to a complete stop before adjusting miter gauge fence.
 - **DO NOT** use miter gauge with rip fence when cutting on table saw.
 - Keeps hands and body parts away from blades, cutters, or abrasives.
 - Ensure all lock knobs are tight before performing any feeding operation.
 - Test miter fence setup for interference with blade, cutter, abrasive, etc. before connecting machine to power.
 - Feed miter gauge against cutter, blade, or abrasive rotation, and feed workpiece completely through operation.
 - Hold workpiece firmly against miter gauge fence while feeding and make sure workpiece is flat and stable against miter gauge fence.



!WARNING

While these instructions describe a typical table saw operation, using a miter gauge on a bandsaw, shaper, sander, etc., will likely require different techniques and safety precautions. Refer to owner's manual included with your machine and miter gauge for full safety information.

To use miter gauge fence:

1. Place miter bar in table miter slot.
2. Reverse extension fence, if needed for operation (see **Reversing Extension Fence** on **Page 5**).
3. Adjust miter gauge angle as desired.
4. Loosen (2) fence lock knobs shown in **Figure 7**, adjust fence so fence extends as close to blade as possible, then tighten lock knobs to secure.

Note: To install sacrificial fence on face of miter gauge fence for added workpiece support, refer to **Attaching Sacrificial Fence** on **Page 7**.

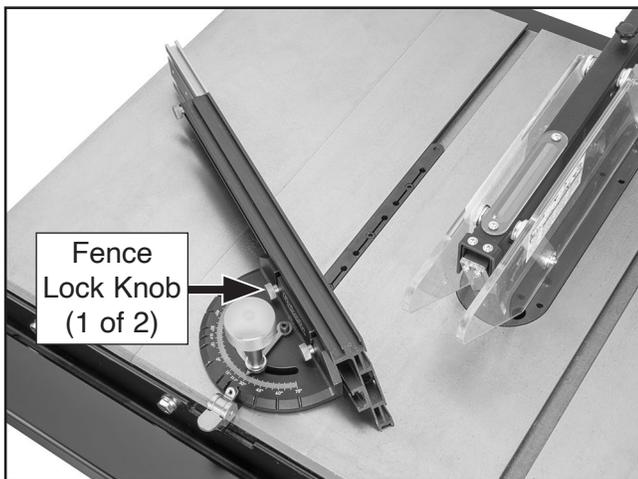


Figure 7. Location of fence lock knobs.

5. Push miter gauge forward in miter slot to confirm fence will not contact blade (see **Figure 8**), then return it to starting position.

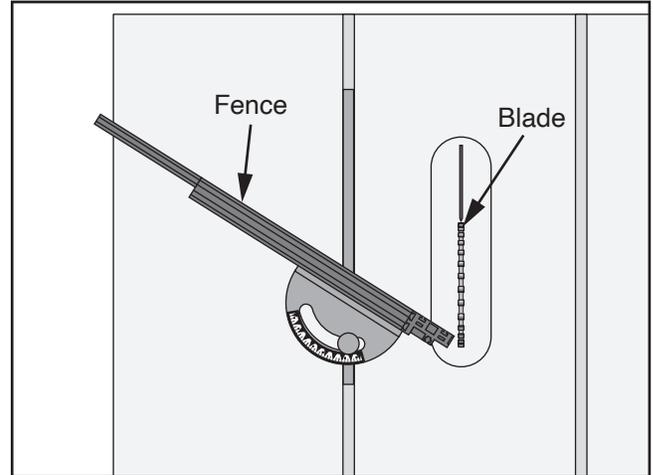


Figure 8. Checking for blade clearance (blade guard removed for clarity).

6. Place workpiece against miter gauge fence and table, aligning cut line with blade kerf (see **Figure 9**).

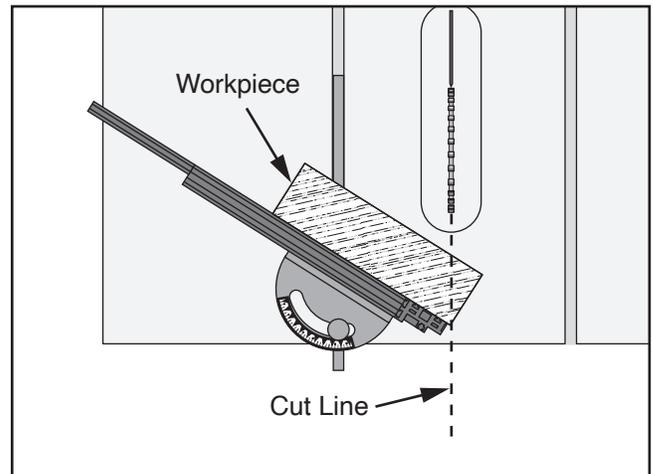


Figure 9. Workpiece prepared for cut (blade guard removed for clarity).



- For workpieces more than 22" long, loosen lock knob shown in **Figure 10**, extend extension fence as required by length of workpiece, then tighten lock knob to secure.

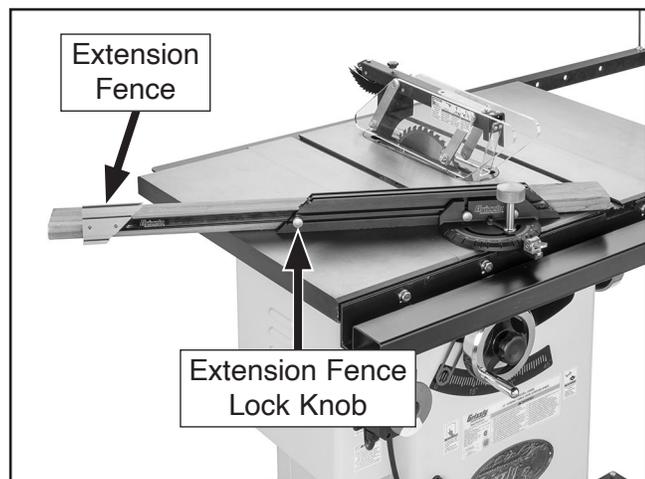


Figure 10. Extension fence extended for workpiece length.

- For repetitive cutting operations, install and adjust flip stop to workpiece edge (see **Using Flip Stop on Page 6**).
- Check outfeed side of machine for proper support and make sure miter gauge and workpiece can safely pass all the way through blade without interference.
- Put on safety glasses, respirator, and hearing protection.
- Start dust collection, then start saw.
- Maintaining firm pressure on workpiece against table and miter fence, feed workpiece all the way through blade, keeping hands and fingers away from blade.
- Turn **OFF** saw and allow blade to come to complete stop before removing cut-off piece or adjusting miter gauge fence for further operations.

Reversing Extension Fence

The T34625 miter gauge fence ships with the extension fence installed on the left side of the fence. Use the following steps to install the extension fence on the opposite side.

To reverse extension fence:

- Remove lock knob shown in **Figure 11** and slide extension fence out of main fence.

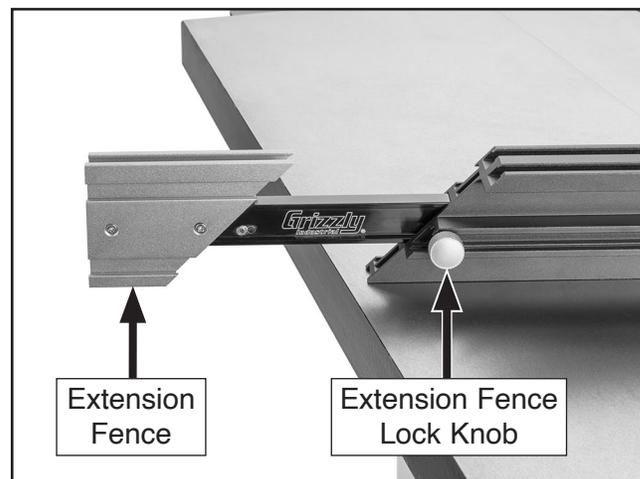


Figure 11. Extension fence components.

- Turn extension fence and rail around, then insert rail into opposite end of fence (see **Figure 12**).
- Secure with lock knob removed in **Step 1** (see **Figure 12**).

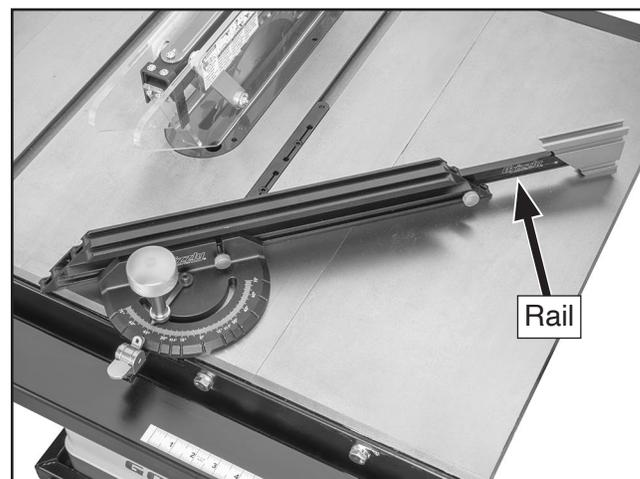


Figure 12. Extension fence installed on opposite side of fence.



Using Flip Stop

The Model T34625 is equipped with a flip stop for repetitive operations.

Tools Needed	Qty
Hex Wrenches 2.5, 4mm.....	1 Ea.

To use flip stop:

1. Loosen flip stop lock knob (see **Figure 13**) enough so you can slide T-slot nut into desired T-slot on top of fence.
 - Front T-slot (see **Figure 13**) will allow flip stop to be used on fence extension or with sacrificial fence, but requires workpiece to be at least 2" thick .

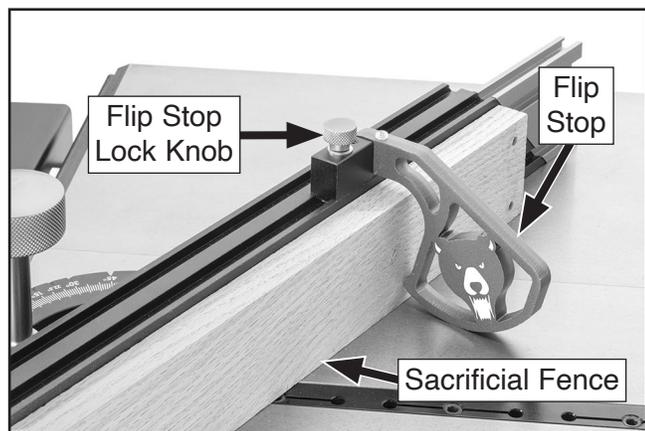


Figure 13. Flip stop installed in front fence T-slot with sacrificial fence.

- Rear T-slot (see **Figure 14**) will allow flip stop to support workpieces thinner than 2".

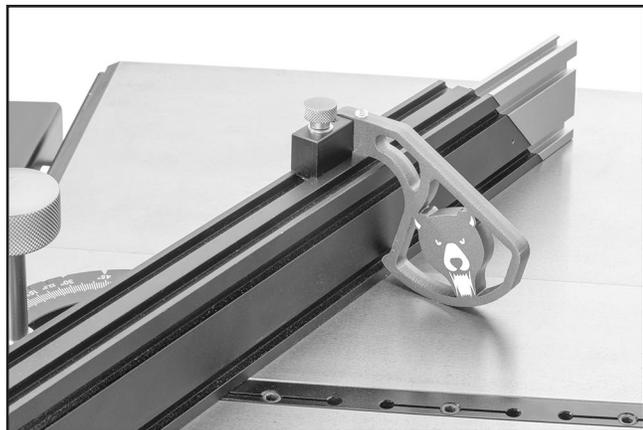


Figure 14. Flip stop installed in rear fence T-slot.

2. Move flip stop so stop is flush with edge of workpiece (see **Figure 15**).

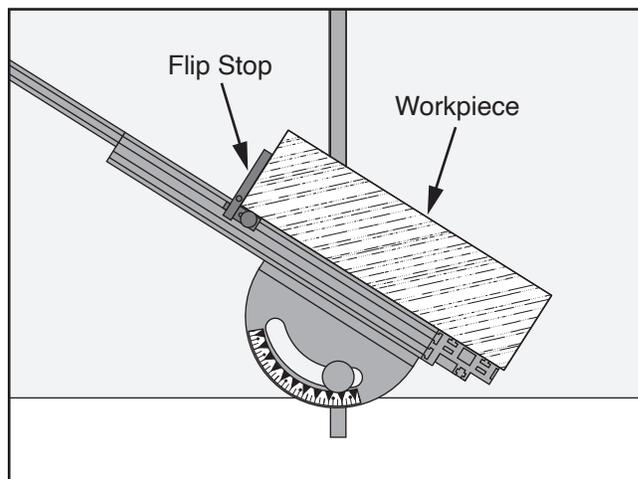


Figure 15. Flip stop adjusted to edge of workpiece.

3. Tighten flip stop lock knob, cap screw, and set screw to secure (see **Figure 16**).

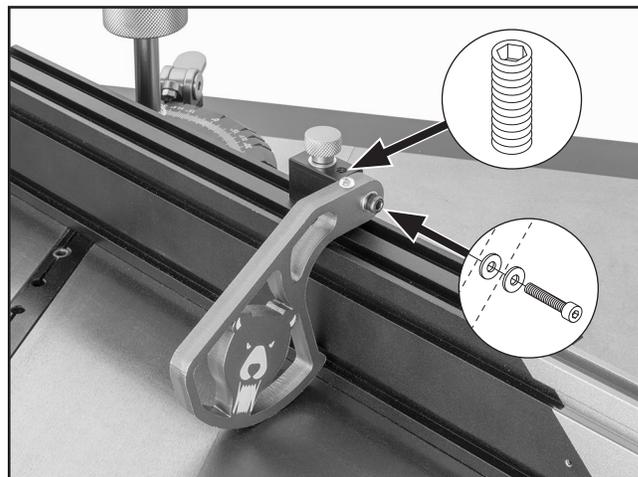


Figure 16. Location of flip stop cap screw and set screw.

Reversing Flip Stop

Reverse the flip stop so it is positioned on the opposite side of the mounting block, if necessary for an operation.

Tools Needed	Qty
Hex Wrenches 2.5, 4mm.....	1 Ea.



To reverse flip stop:

1. Loosen flip stop set screw, then remove (1) cap screw and (2) flat washers (see **Figure 16** on **Page 6**).
2. Turn flip stop around, secure flip stop to mounting block with flat washers and cap screw, then tighten set screw (see **Figure 17**).

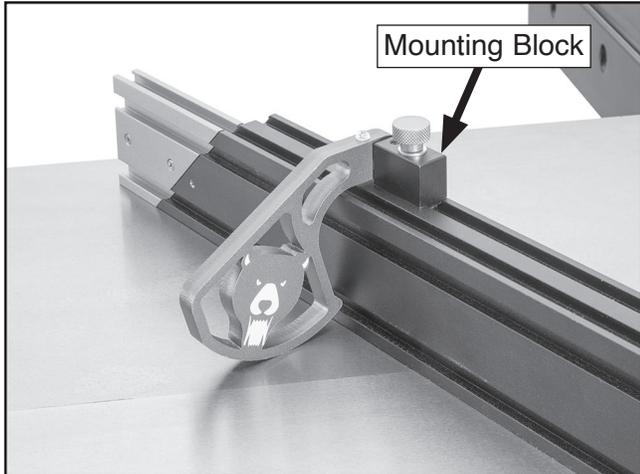


Figure 17. Flip stop positioned on opposite side of mounting block.

Attaching Sacrificial Fence

There are two slots in the face of the miter gauge fence to allow you to attach a sacrificial or auxiliary fence for added workpiece support and to minimize tearout.

Items Needed	Qty
Straight, Smooth Stock.....	As Needed
Pencil or Marker	1
Mounting Hardware	As Needed
Power Drill	1
Drill Bits for Countersinking.....	As Needed

To attach sacrificial fence:

1. Select piece of straight and smooth stock of desired height and width that can be attached securely to miter gauge fence.
2. Position board against front of fence and use T-slots shown in **Figure 18** to mark mounting holes.

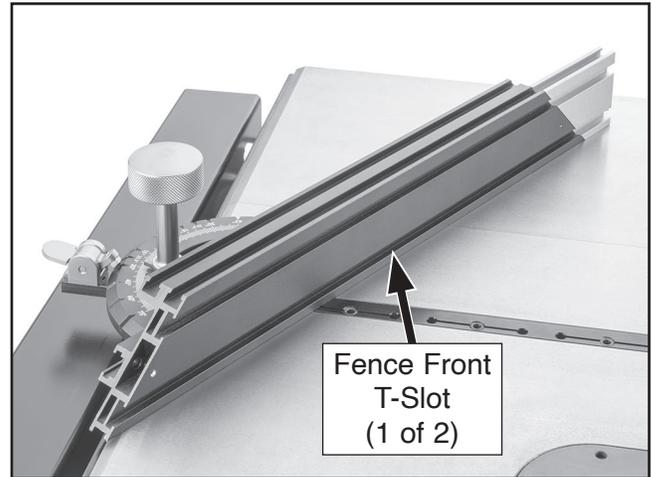


Figure 18. Sacrificial fence mounting T-slots.

3. Drill countersunk mounting holes in board so fasteners (not included) can be used to secure board to fence (see **Figure 19**).

Note: *Drilling these holes is a two-step process. Drill first holes all the way through board with a diameter slightly larger than shaft of mounting screw. Drill second holes halfway through board with a diameter slightly larger than screw head. Drill these second holes deep enough that screw heads will be well below surface of board.*

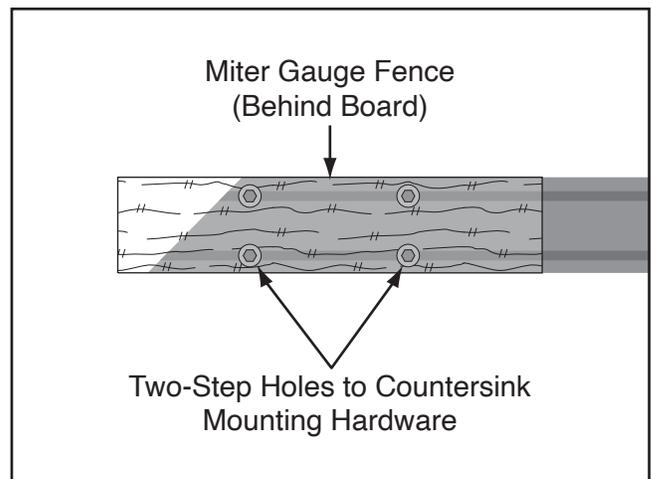
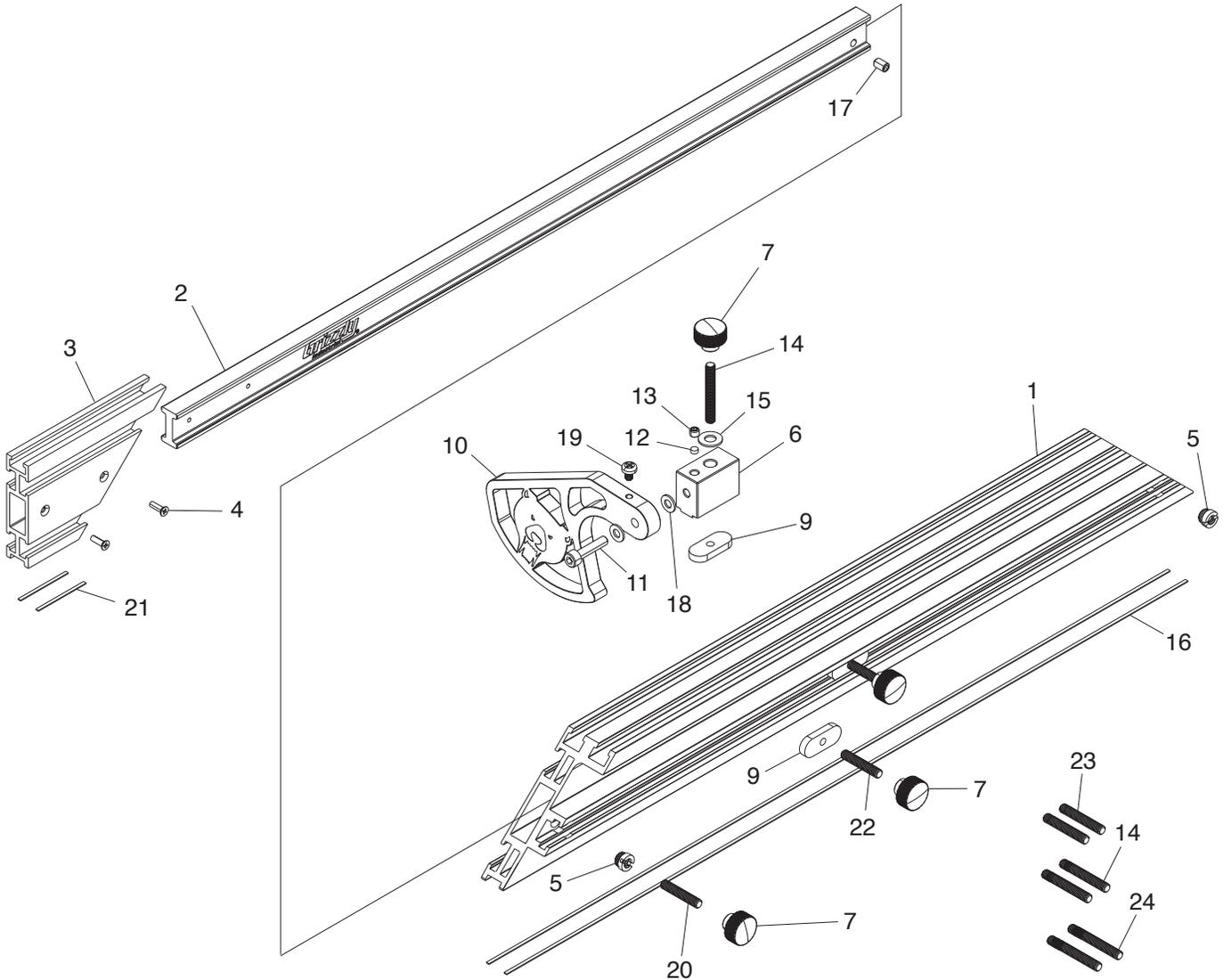


Figure 19. Location of countersunk mounting holes.

4. Secure sacrificial fence to fence.



T34625 Parts Breakdown & List



REF PART #	DESCRIPTION
1	PT34625001 FENCE
2	PT34625002 EXTENSION RAIL
3	PT34625003 EXTENSION FENCE
4	PT34625004 FLAT HD SCR M3-.5 X 8
5	PT34625005 THREADED INSERT M5-.8, M8-1.25
6	PT34625006 STOP MOUNTING BLOCK
7	PT34625007 KNOB M5-.8
9	PT34625009 T-SLOT NUT 11, M5-.8 END-FEED
10	PT34625010 FLIP STOP
11	PT34625011 CAP SCREW M5-.8 X 20
12	PT34625012 BLOCK 4MM BRASS
13	PT34625013 SET SCREW M5-.8 X 4

REF PART #	DESCRIPTION
14	PT34625014 SET SCREW M5-.8 X 40
15	PT34625015 FLAT WASHER 5MM
16	PT34625016 PROTECTIVE STRIP 2 X 0.5 X 514MM
17	PT34625017 SET SCREW M5-.8 X 8
18	PT34625018 FLAT WASHER 5MM NYLON
19	PT34625019 PHLP HD SCR M4-.7 X 10 NYLON
20	PT34625020 SET SCREW M5-.8 X 25 SOFT-TIP
21	PT34625021 PROTECTIVE STRIP 2 X 0.5 X 36MM
22	PT34625022 SET SCREW M5-.8 X 25
23	PT34625023 SET SCREW M5-.8 X 35
24	PT34625024 SET SCREW M5-.8 X 45

Please Note: We do our best to stock replacement parts whenever possible, but we cannot guarantee that all parts shown here are available for purchase. Call (800) 523-4777 or visit our online parts store at www.grizzly.com to check for availability.

