Sliding stop flips up out of the way when not in use.

Fence has abrasive surface to absolutely prevent movement during the cut. No clamp needed.

Heavy duty steel T-slot washer (removable).

Fence extension carries the flip stop and adds support up to 42" from the blade.

Index graduations are clean, crisp and easy to read. The scale is large enough to set half or quarters of a degree with confidence.

A simple locking calibration mechanism is provided if you need to make adjustments.

Patented extension arm assembly makes it possible to quickly and easily find any angle and lock it securely in place.

Precision detent plunger auto-locates common angles.

The guide bar actually expands in 3 places to provide the “perfect fit” for your saw.

The fence can be adjusted from side to side allowing tight clearance at the blade.

Quickly reverse the guide for left or right hand use by removing the fence, reversing the extension arm and reconnecting the fence.
THANK YOU for choosing this model 50-EB3 OSBORNE miter guide by General® International. This miter guide has been carefully tested and inspected before shipment and if properly used and maintained, will provide you with years of reliable service. To ensure optimum performance and trouble-free operation, and to get the most from your investment, please take the time to read this manual before assembling, installing and operating the unit.

The manual’s purpose is to familiarize you with the safe operation, basic function, and features of this miter guide as well as the set-up, maintenance and identification of its parts and components. This manual is not intended as a substitute for formal woodworking instruction, nor to offer the user instruction in the craft of woodworking. If you are not sure about the safety of performing a certain operation or procedure, do not proceed until you can confirm, from knowledgeable and qualified sources, that it is safe to do so.

Once you’ve read through these instructions, keep this manual handy for future reference.

GENERAL® INTERNATIONAL WARRANTY

All component parts of General® International machinery are carefully tested and inspected during all stages of production, and each machine is thoroughly inspected upon completion of assembly. Because of our commitment to quality and customer satisfaction, General® International agrees to repair or replace, within a period of 24 months from date of purchase, any genuine part or parts which, upon examination, prove to be defective in workmanship or material. In order to obtain this warranty, all defective parts must be returned freight pre-paid to General® International Mfg. Co., Ltd. Repairs attempted without our written authorization will void this warranty.

Disclaimer: The information and specifications in this manual pertain to the unit as it was supplied from the factory at the time of printing. Because we are committed to making constant improvements, General International reserves the right to make changes to components, parts or features of this unit as deemed necessary, without prior notice and without obligation to install any such changes on previously delivered units. Reasonable care is taken at the factory to ensure that the specifications and information in this manual corresponds with that of the unit with which it was supplied. However, special orders and “after factory” modifications may render some or all information in this manual inapplicable to your machine. Further, as several generations of this model of miter guide and several versions of this manual may be in circulation, if you own an earlier or later version of this unit, this manual may not depict your machine exactly. If you have any doubts or questions contact your retailer or our support line with the model and serial number of your unit for clarification.
Rules for Safe Operation

To help ensure safe operation, please take a moment to learn the machine’s applications and limitations, as well as potential hazards. General® International disclaims any real or implied warranty and holds itself harmless for any injury that may result from improper use of its equipment.

1. Do not operate the saw when tired, distracted, or under the effects of drugs, alcohol or any medication that impairs reflexes or alertness.

2. The working area should be well lit, clean and free of debris.

3. Keep children and visitors at a safe distance when the saw is in operation; do not permit them to operate the saw.

4. Childproof and tamper proof your shop and all machinery with locks, master electrical switches and switch keys, to prevent unauthorized or unsupervised use.

5. Stay alert! Give your work your undivided attention. Even a momentary distraction can lead to serious injury.

6. Fine particulate saw dust is a carcinogen that can be hazardous to health. Work in a well-ventilated area and whenever possible use a dust collector and wear eye, ear and respiratory protection devices.

7. Do not wear loose clothing, gloves, bracelets, necklaces and ornaments while saw is in operation.

8. Be sure that adjusting wrenches, tools, drinks and other clutter are removed from the machine and/or the table surface before commencing operation.

9. Keep hands well away from saw blade and all moving parts. Use a push stick to feed stock, and use a brush, not hands, to clear away chips and sawdust.

10. Be sure that saw blade is securely locked, and in proper cutting direction, before operation.

11. Use recommended-speed, saw blade and accessories for the working material.

12. Be sure the blade has gained full operating speed before beginning to cut.

13. Always use a clean, properly sharpened blade. Dirty or dull blades are unsafe and can lead to accidents.

14. Do not push or force stock into the cutting blade. The saw will perform better and more safely when working at the rate for which it was designed.

15. Use suitable support when cutting stock that does not have a flat surface. Always hold stock firmly against the fence when ripping, or against the miter gauge when cross-cutting.

16. To minimize risk of injury in the event of work piece kickback, never stand directly in-line with the blade or in the potential kickback path of the work piece.

17. Avoid working from awkward or off balance positions. Do not overreach during cutting operation; keep both feet on floor. Never lean over or reach over the blade and never pull the work piece over the blade from behind. Use outfeed support or have an assistant help when ripping long material.

18. Keep blade guards in place and in working order. If a guard must be removed for maintenance or cleaning, be sure it is properly reattached before using the tool again.

19. Never leave the machine running with the power on when not in operation.

20. If using a power feeder, stop the feeder before stopping the table saw.

21. Use of parts and accessories NOT recommended by General® International may result in equipment malfunction or risk of injury.

22. Never stand on machinery. Serious injury could result if the tool is tipped over or if blade is unintentionally contacted.

23. Always disconnect tool from power before servicing or changing accessories such as a saw blade, or before performing any maintenance, cleaning or adjustments, or if the machine will be left unattended.

24. Make sure that switch is in the “OFF” position before plugging in the power cord.

25. Make sure tool is properly grounded. If tool is equipped with a 3-prong plug it should be used with a three-pole receptacle. Never remove the third prong.
IDENTIFICATION OF MAIN PARTS AND COMPONENTS

- Extension Clamp Knob
- Flip Stop
- Fence Extension
- Fence Clamp Knobs
- Inner Brace
- Detent Plunger
- Outer Brace
- Eccentric Lock Screw

Guide Bar

Adjustment Slot
Adjustment Set Screw
Angle Clamp Knob
Handle
Fence Adjuster

SAFETY REMINDERS

Your new miter guide was designed and engineered with ease-of-use, accuracy and safety in mind. Do not modify this device or use it for purposes other than that for which it was intended. When used properly the Osborne miter guide will enable you to produce the cleanest and flattest cross cuts possible on your table saw. As a result, you will also produce the best miter joints possible. This does not reduce or eliminate the necessity for you to understand and comply with all the safety requirements and recommendations outlined in manuals provided by the original equipment manufacturer. For your own safety, read the owners manual carefully and become aware of the tool’s limitations. You, as the owner of a powerful piece of woodworking equipment, are responsible for its proper maintenance and safe operation. Failure to be mindful of safety procedures and practices can result in devastating personal injury.

Ensure that all guards are in place and functioning properly. Keep the machine tuned up. To reduce the potential for binding or kick back, keep your blade sharp, and make sure it is properly aligned relative to the guide slots.

Check the tools frequently for loose, damaged or malfunctioning components. Lubricate it as recommended, ensure it is properly grounded and avoid damp or wet locations. Always take the time to disconnect the power supply before you perform any maintenance or repair. Clear away hand tools and other objects before you turn the machine on. When cross cutting on a table saw you must maintain firm control of the work piece, but remember to let the tool do the work. You should never need to force the material through the cut. Please keep children or unqualified persons away from the equipment. Keep the work area clean. Dress appropriately for operating woodworking equipment. Wear safety glasses and noise suppressors. Do not wear loose clothing or anything around your neck that might get caught and draw you down into the machine.

INSTRUCTIONS FOR USE

Before you first use your new miter guide please ensure that you have followed the assembly instructions provided and that all connections are mechanically secure. After you verify that it is assembled and functioning properly, simply remove the old miter guide from your table saw and follow the guidelines below.

This innovative new miter guide design is intended to replace the original equipment guide that was provided with your table saw at the time of purchase. The guide bar will fit into the standard 3/8” by 3/4” slot or T-slot on most table saws. If your table saw does not have a T-slot simply remove the flat washer under the leading edge of the guide bar using the allen key provided.
ASSEMBLY

1) Remove the unit from the box and unfold it.

2) Slide the inner brace into the red outer brace then tighten the angle clamp knob.

3) Attach the handle to the guide bar.

4) Assemble and attach the flip stop as per flip stop exploded views below.

NOTE: If you choose to use the self adhesive abrasive on the fence: separate the fence from the rest of the assembly. Remove the paper backing and apply to the smooth face of the fence. Apply pressure over the entire surface with the palm of your hand or with a hard rubber roller. Trim the excess by running a utility knife against the edge of the fence all the way around the outside.

To apply the measure tape, remove the backing to expose the adhesive film, then stick the measuring tape to the top of the fence.

The glide tape can be applied by sticking it to the bottom of the glide bar.

Applying the abrasive

Apply abrasive to fence. Flip fence over, trim abrasive to size.

Applying measure tape.
**ADJUSTING THE GUIDE BAR**

There are three adjustment slots in the guide bar.

With the bar in the t-slot of your saw, insert the hex key (provided) into the set screw at the center of the slot. Adjusting this screw up and down will expand and contract the width of the bar. Adjust each slot so that you eliminate lateral play but still have smooth sliding action across the entire fence.

**SETTING ANGLES**

To set commonly used angles, position the fence in the vicinity of the desired angle. Compress the detent plunger on the underside of the outer brace until it seats in the hole, now tighten the angle clamp knob.

To manually set an angle, first loosen the angle clamp knob. Move the fence forward or back until the desired angle is indicated at the edge of the red outer brace (red pointer) then lock the clamp knob securely.

**LATERAL POSITIONING**

You can position your fence closer or farther away from the blade (maintain at least 1/8” for safety).

Simply loosen the two fence clamp knobs, slide the fence to the desired position, then lock securely.

**EXTENSION STOP**

The fence extension can telescope out of the main fence by loosening the extension clamp knob and sliding it out to the desired distance, secure the flip stop to the extension for repeatable long cuts.

---

Never attempt to adjust the fence while the saw is running.
REVERSING THE GUIDE

When it becomes necessary to work on the opposite side of the blade, the EB-3 can easily and quickly be reversed.

1) Set the miter guide to 90˚ using the detent plunger. Lock the arm in position with the angle clamp knob.

2) Loosen the eccentric lock screw inside the outer brace using the allen key provided.

3) Rotate the adjuster left or right until the guide is at a true 90˚. Confirm the angle with your calibration square.

4) Tighten the eccentric lock screw securely.

CALIBRATION ADJUSTMENT

1) Remove the fence clamp knobs located on the fence mount.

2) Separate the fence and clamp bar assembly from the fence mount.

3) Loosen the angle clamp knob and pull the inner brace out of the outer brace.

4) Rotate both the fence mount and the outer brace to the opposite side of the guide bar. Slide the inner brace back into the outer brace and tighten the angle clamp knob.

5) Insert the clamp bar assembly threaded studs through the front of the fence mount and secure using fence clamp knob.

6) Insert the clamp bar assembly threaded studs through the front of the fence mount and secure using fence clamp knob. The fence extension can be removed and inserted into the opposite end of the fence as well.
# PART # | DESCRIPTION | QTY
---|---|---
1 | 50EB3-01 | GUIDE BAR | 1
2 | 50EB3-02 | ADJUSTER | 1
3 | 50EB3-03 | OUTER BRACE | 1
4 | 50EB3-04 | INNER BRACE | 1
5 | 50EB3-05 | FENCE MOUNT | 1
6 | 50EB3-06 | FENCE | 1
7 | 50EB3-07 | FENCE EXTENSION | 1
8 | 50EB3-08 | FENCE EXTENSION BAR | 2
9 | 50EB3-09 | EXTENSION BAR CLAMP PLATE | 2
10 | 50EB3-10 | FENCE CLAMP BAR | 1
11 | 50EB3-11 | FENCE CLAMP KNOB | 2
12 | 50EB3-12 | EXTENSION CLAMP KNOB | 2
13 | 50EB3-13 | EXTENSION CLAMP KNOB SPACER | 2
14 | 50EB3-14 | DETENT PLUNGER | 1
15 | 50EB3-15 | DETENT PLUNGER SPRING | 1
16 | 50EB3-16 | E-CLIP | 1
18 | 50EB3-18 | ANGLE CLAMP KNOB | 1
19 | 50EB3-19 | HANDLE | 1
20 | 50EB3-20 | RETAINER WASHER | 1
21 | 50EB3-21 | M6 FLAT HEAD SCREW | 1
22 | 50EB3-22 | M6 X 40 SHOULDER BOLT | 1
23 | 50EB3-23 | M6 X 35 SHOULDER BOLT | 1
24 | 50EB3-24 | M6 X 6 SHOULDER BOLT | 1
25 | 50EB3-25 | M5 SOCKET HEAD SCREW | 1
26 | 50EB3-26 | GUIDE BAR ADJUSTING SCREW | 2
27 | 50EB3-27 | #10 SET SCREW | 2
28 | 50EB3-28 | M6 SQUARE NUT | 1
29 | 50EB3-29 | M5 SQUARE NUT | 1
31 | 50EB3-31 | SPRING WASHER | 3
32 | 50EB3-32 | FLAT WASHER | 3
33 | 50EB3-33 | EXTENSION CLAMP O-RING | 2
34 | 50EB3-34 | FLIP STOP | 1
35 | 50EB3-35 | FLIP STOP MOUNT | 1
36 | 50EB3-36 | 1/4" X 2 1/2" HEX BOLT | 1
37 | 50EB3-37 | 1/4" NYLON INSERT NUT | 1
38 | 50EB3-38 | 1/2" PLASTIC WASHER | 2
39 | 50EB3-39 | 1/4" X 1" HEX BOLT | 1
40 | 50EB3-40 | TAPE MEASURE | 1
41 | 50EB3-41 | (SANDPAPER) NON-SKID SURFACE | 1
42 | 50EB3-42 | ALLEN KEY (NOT SHOWN) | 1
43 | 50EB3-43 | GLIDE TAPE (NOT SHOWN) | 1

NOTES
IMPORTANT: When ordering replacement parts, always give the model number, serial number of the machine and part number. Also a brief description of each item and quantity desired.