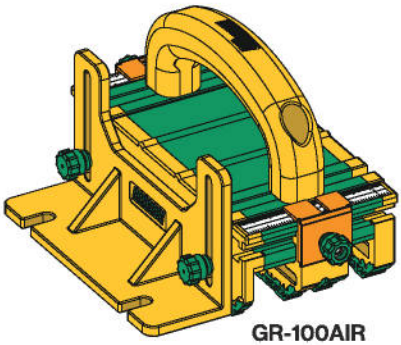
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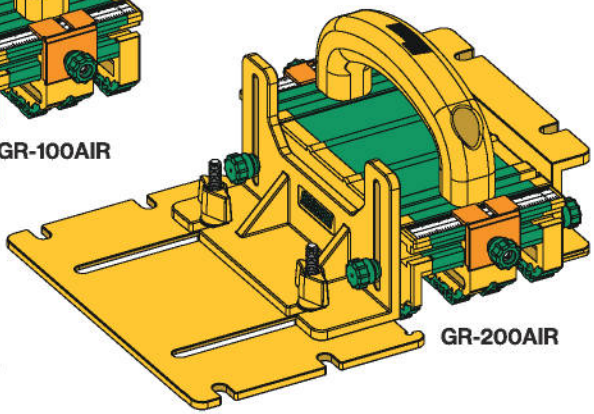
GRR-RIPPER®



GR-100AIR

Watch the quickstart video at:

microjig.com/gr-assembly



GR-200AIR

COMPATIBILITY

For use on table saw, band saws, router tables, jointers, and more.

GRR-RIPPER AIR

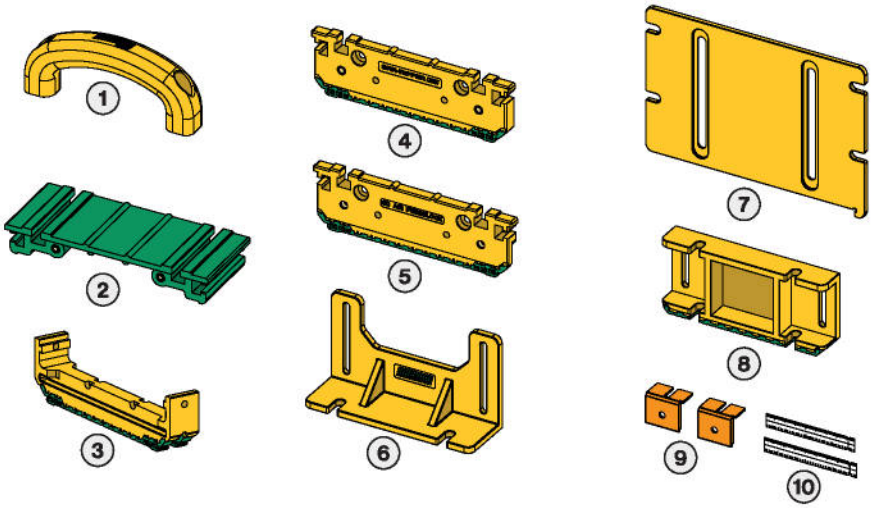
Instruction Manual v8.1

GR-100AIR / GR-200AIR
Manual GR-H15-IM

EN

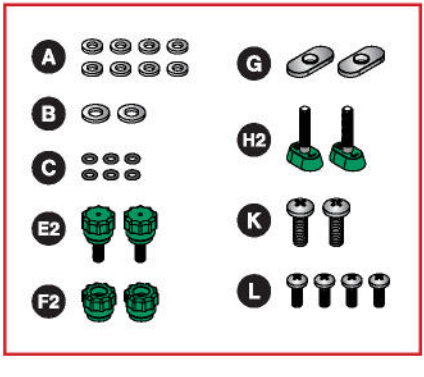
Parts List

#	GRR-RIPPER Parts	GR-100	GR-200	Part #
1	Handle	1	1	GR-P1-AR
2	Main Body	1	1	GR-P2G-AR
3	Center Leg	1	1	GR-P3-AIR
4	1/2" Leg	1	1	GR-P4-AIR
5	1/4" Leg	1	1	GR-P5-AIR
6	Balance Support	1	1	GR-P6-AIR
7	Stabilizing Plate	-	1	GR-P7-AR
8	Adjustable Spacer	-	1	GR-P8-AR
9	SafeRip Cursor	2	2	GRSR-P70-AIR
10	SafeRip Scale Sticker	2	2	GR-P51

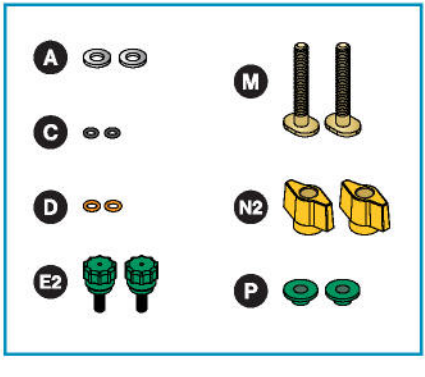


#	GRR-RIPPER Parts	GR-100/GR-200 Red Bag	GR-200 Blue Bag	Part #
A	#10 Washer (small)	8	2	GR-H1-AR
B	1/4" Washer (large)	2	-	GR-H2-AR
C	Small O-Ring (black)	6	2	GR-H3-AR
D	Large O-Ring (orange)	-	2	GR-H4-AR
E2	10-32 x 1/2" Green Thumb Screw	2	2	GR-H51-AR
F2	10-32 Green Round Knob	2	-	GR-H50-AR
G	1/4-20 Oval Nut	2	-	GR-H7-AR
H2	10-32 x 1" Dovetail T-Bolt	2	-	DV-H1-AR
K	1/4-20 x 3/4" Pan Head Screw	2	-	GR-H10-AR
L	10-32 x 1/2" Pan Head Screw	4	-	GR-H11-AR
M	1/4-20 x 1-3/4" T-Bolt	-	2	GR-H12-AR
N2	1/4-20 Wing Knob	-	2	GR-55-AR
P	Nylon Shoulder Washer	-	2	GR-H14-AR

Red Bag (GR-100/200)

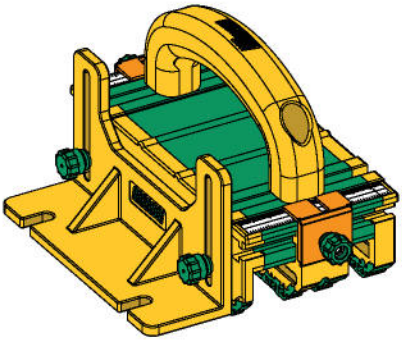


Blue Bag (GR-200 only)



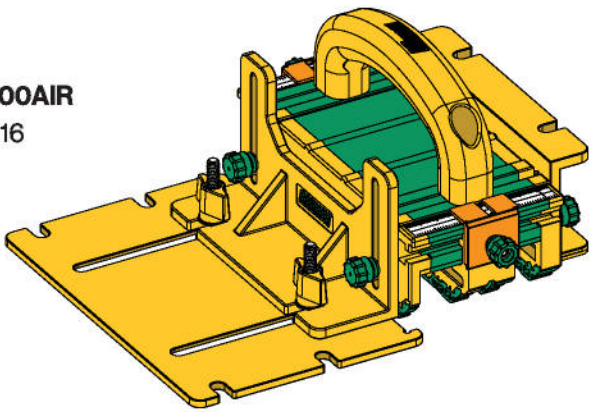
NOTE: Please check to ensure that you have all parts and hardware before assembling.

GR-100AIR
Page 10



If you have purchased the **GRR-RIPPER Upgrade Kit** (GRAK-404) please reference GR-200AIR for instructions.

GR-200AIR
Page 16



Work Safer. Work Smarter.®

Full Instructional Video

Watch the full instructional video and see all the GRR-RIPPER capabilities at: **microjig.com/gr-air**

Warranty Registration

Register your product for an extended 3-year warranty at: **microjig.com/warranty**

Stay Connected

Be the first to learn about new products, plans, and deals at: **microjig.com/newsletter**

TIP: Flip out the **Parts List** for easy reference while you assemble your GRR-RIPPER AIR.

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A Introduction

Congratulations on purchasing the GRR-RIPPER AIR 3D Pushblock system. Over 5,000 hours of engineering and 45 concepts and prototypes went into making the GRR-RIPPER AIR the safest, most precise pushblock available. Before using your GRR-RIPPER AIR, read through this manual to familiarize yourself with the GRR-RIPPER AIR and how it works.

The following is a general overview of the way the GRR-RIPPER AIR is designed to work:

Before the blade, during the cut, and past the blade, the GRR-RIPPER AIR uses our molded on, high-friction, Green GRR-RIP to hold and control the stock all the way through the cut.

The GRR-RIPPER AIR is **reversible.** Rotate it end for end to use the 1/4" or 1/2" leg against the fence as needed. Relocate the Balance Support as needed.

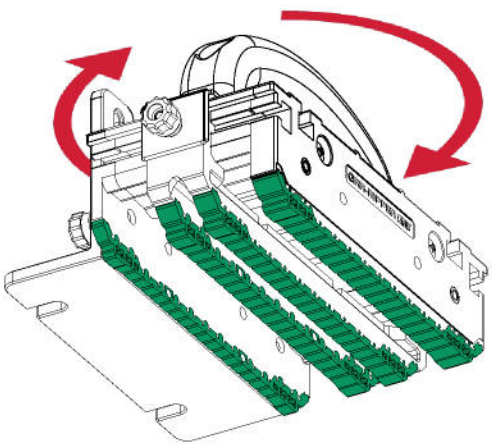


Fig A- Green GRR-RIP

With your rip fence parallel to the saw blade, the GRR-RIPPER AIR guides along the rip fence holding both halves of the cut parallel to the blade. The GRR-RIPPER AIR keeps stock from rubbing on the back teeth of the blade as they emerge from the throat plate, virtually eliminating tool marks and greatly reducing kick back.

On cuts 3" or less, the blade passes through one of the tunnels between the legs. This holds the stock and keeps the GRR-RIPPER AIR between your hands and the blade at all times, eliminating the need for feeding stock with your bare hands. The GRR-RIPPER AIR is a protective guard you hold throughout the cutting operation

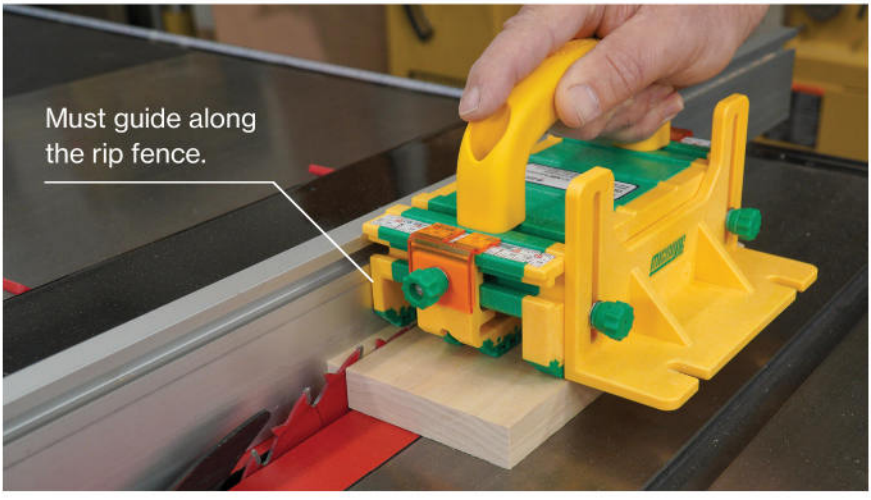


Fig B - GRR-RIPPER AIR guiding along rip fence

Fully adjustable for your project needs.

C1 The adjustable Balance Support drops down next to narrow stock, keeping the GRR-RIPPER AIR level and stable.

C2 The Center Leg with Center Tunnel adjusts side-to-side supporting the cut while allowing for any blade setting to pass safely under.

C3 The SafeRip Index lets you set the Center Leg precisely and with confidence so you never cut into it by accident – even when cutting under the Center Leg.

C4 The GRR-RIPPER AIR rides on top of the work so it can cut stock up to the capacity of your saw. Resawing capacity can be extended by adding the optional ReSaw Riser (or a shop-made riser block) under the Balance Support.

C5 Fully adjustable to control wood of different widths and thicknesses.

C6 The GRR-RIPPER AIR offers 15/16" (24mm) of blade clearance to the underside of the body, and 1/2" (13mm) in the Center Leg tunnel. Always set the blade height to the minimum recommended by the manufacturer.

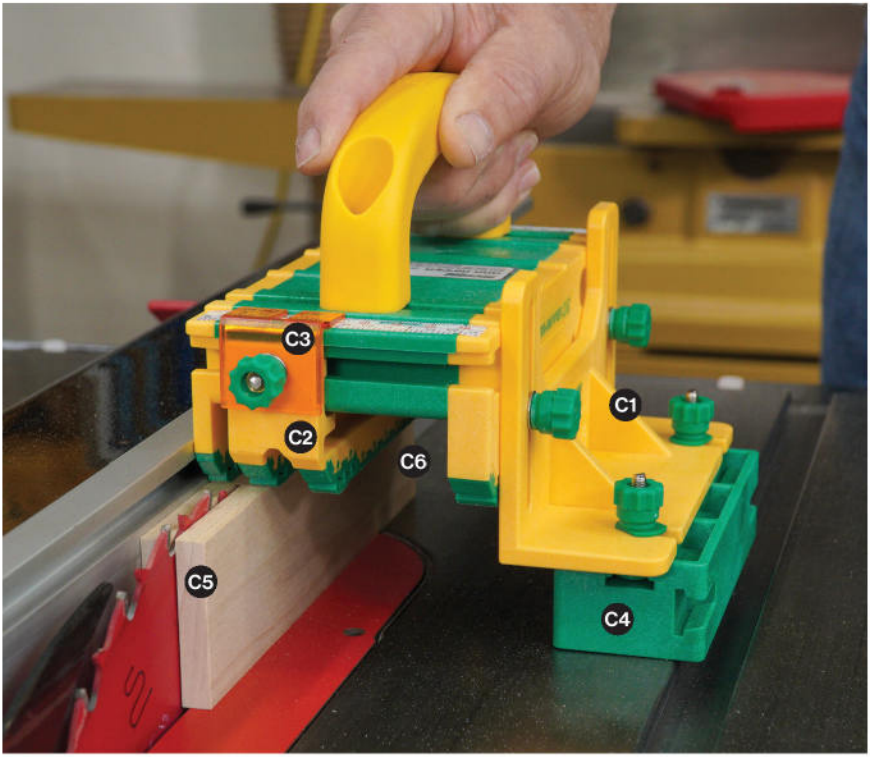


Fig C - GRR-RIPPER AIR with optional ReSaw Riser block.

B Operation Precautions & Safety

⚠ SAFETY WARNINGS

You must read and agree to the safety precautions and terms listed below before using the GRR-RIPPER AIR 3D Pushblock system.

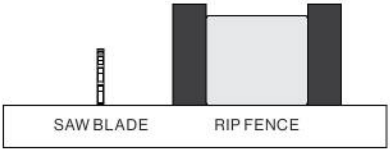
Operation of the GRR-RIPPER AIR includes the use of a table saw or other tools that are not part of the GRR-RIPPER AIR. Microjig assumes no liability for any product not sold and manufactured by Microjig. **You must take all necessary precautions when operating a table saw or other tools as recommended** by their manufacturers or as required by any prudent tool user. When using the GRR-RIPPER AIR with any other tool, read and follow all instructions and safety information in the tool's manual.

The GRR-RIPPER AIR 3D Pushblock system is able to control stock narrower or shorter than the GRR-RIPPER AIR on woodworking machines. **You must make sure that the Balance Support and the Adjustable Spacer are properly adjusted**. This is to keep the GRR-RIPPER AIR balanced on the stock so it will not tip in any direction. Example shown in Figure 16 on Page 15.

You must pay attention to the gripping effectiveness of the Green GRR-RIP® non-slip pads before every use. Do not use the GRR-RIPPER AIR if you feel it is not gripping the stock. Clean the non-slip pads with denatured or rubbing alcohol and a clean rag or use the optional GRR-RIP ReNew. The legs can be replaced as needed.

Never wear loose clothing, gloves, bracelets or other jewelry that may get caught in the moving parts or cutting elements. Always wear safety glasses and hearing protection. Follow all safety precautions and use best practices. Do not use this product or power machinery while under the influence of drugs, alcohol, or any medication.

Your assembly of the GRR-RIPPER AIR indicates your agreement to follow these safety precautions and terms when using this tool.



Rear view of table saw with fence to the right of the blade

IMPORTANT: While this manual illustrates the rip fence installed on the right side of the blade, bevel cuts on "right tilt" saws must be made with the rip fence to the **left of the saw blade**.

Before Use

1. The GRR-RIPPER 3D Pushblock System includes three legs with non-slip pads. **A minimum of two legs must be installed during any cutting operation**.
2. Use at least one leg to the right and one leg to the left of the saw blade whenever possible.
3. It is the operator's responsibility to verify that every cut is set up so the cutting operation will not contact the GRR-RIPPER legs or other objects except the workpiece.
4. The bottom of the workpiece must be flat enough so that it does not rock on the table top. The top of the workpiece must be flat enough so all non-slip surfaces are in full contact with the top surface of the workpiece.
5. In table saw operation, the GRR-RIPPER must be in full contact with the rip fence at all times. This creates a parallel guide for forward feeding and inward pressure against the rip fence.
6. For safety the blade should always be set to the minimum height necessary to make the cut. Check with your blade manufacturer to verify the proper height for their design.

7. In table saw operations, the rip fence must be securely locked parallel to the saw blade within the usable range of the GRR-RIPPER AIR 3D Pushblock system.
8. It is the sole responsibility of the purchaser of this product to ensure that any third party reads and agrees to all safety precautions and terms prior to their use of this tool.
9. Clean the non-slip pads at least every month or sooner as needed with denatured or common rubbing alcohol to remove wax and pitch and keep the grip strong

Proper Use

10. Use maximum possible coverage of the non-slip pads on the workpiece.
11. All components must be inspected for damage and securely fastened before every use. Stop using the tool if any damage occurs. Contact your dealer or Microjig for replacement parts if damage is discovered.

Maintenance

12. To clean this product, use denatured alcohol (available in the paint department of home improvement centers) or common rubbing alcohol (available at drug stores).
13. When not in use, store on a clean flat surface.

Table Saw Preparation

14. The machine tabletop used in conjunction with this tool must be flat and free from obstructions other than the required fence and one cutting element. The tabletop must be reasonably level and below the waistline.
15. Your table saw should be set up and tuned as stated in the user manual. It is the user's responsibility to read, understand and follow the manufacturer's instructions. **DO NOT SKEW OR ANGLE THE RIP FENCE.** The GRR-RIPPER AIR is designed to feed wood parallel to the saw blade.
16. The SafeRip Index works best when the rip fence scale is reasonably well calibrated for the blade being used.
17. A sharp and clean carbide-tipped saw blade should be used with this tool for ripping.
18. A Zero-Clearance Throat Plate or insert (ZCI) should always be used when cutting narrow strips.
    INFO: Watch how to install a zero-clearance throat plate at: **www.microjig.com/zci**

⚠ WARNING

Never wear loose clothing, gloves, bracelets or other jewelry that may get caught in the moving parts or cutting elements. Always wear safety glasses and hearing protection. Follow all safety precautions and use best practices.

C1 Assembly (GR-100AIR)

Step 1

Watch full assembly video at:
microjig.com/gr-assembly

NOTE: When installing the **Handle Bridge Kit** (GRHB-010), refer to its manual first, then resume assembly at Step 2.

1.1 Insert 1/4-20 Screws (K) with 1/4" Flat Washers (B) through the holes in each end of the Handle (1).

1.2 Thread a 1/4-20 Oval Nut (G) onto the end of each 1/4-20 Pan Head Screw (K) extending out the bottom of the Handle (1).

1.3 Slide the assembled handle and hardware onto the Main Body (2). Oval Nuts (G) inside the square openings of the Main Body (2).

1.4 Center the Handle (1) side-to-side in the slots on the Main Body (2). Tighten the Pan Head Screws (K) to lock it in place [Fig 1].

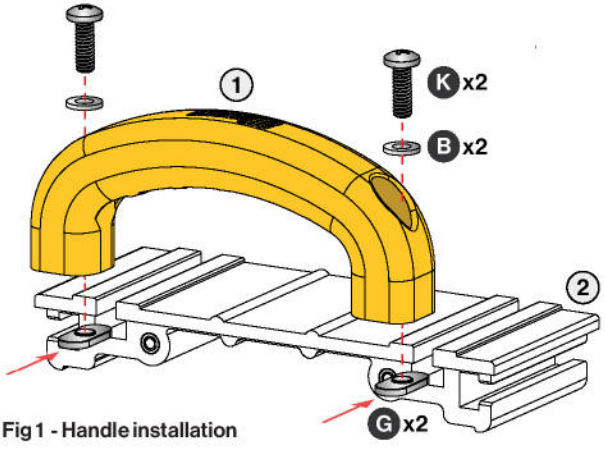


Fig 1 - Handle installation

Step 2

2.1 Starting from the inside of the Center Leg, insert a 10-32 x 1" Dovetail T-Bolt (H2) through both holes at each end (3). The threads should be protruding out at each end of the leg [Fig 2A].

2.2 Install the Center Leg (3) to the end slots of the Main Body (2) [Fig 2B].

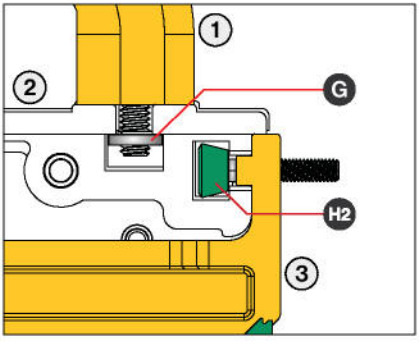


Fig 2A - Handle & Center Leg on Main Body

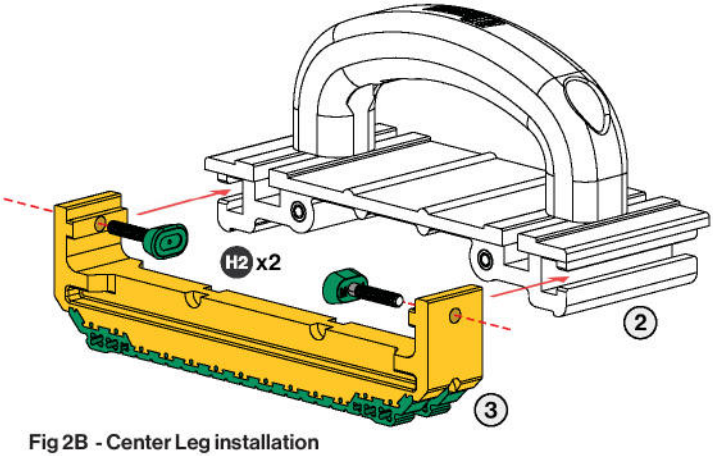


Fig 2B - Center Leg installation

Step 3

3.1 Insert a 10-32 Pan Head Screw (L) with a #10 Flat Washer (A) into each of the counter-bored mounting holes in both the 1/2" Leg (4) and 1/4" Leg (5).

3.2 Place a Black O-ring (C) over the threads of all four 10-32 Pan Head Screws (L) and roll the O-ring into the space provided for it on the inside of the legs (4) and (5) as shown in [Fig 3A]. These keep the screws in place if the legs need to be removed.

3.3 Thread the 10-32 Pan Head Screws (L) into the threaded inserts in the Main Body (2) and secure a leg (4) or (5) onto each side. It does not matter which leg is on which side [Fig 3B].

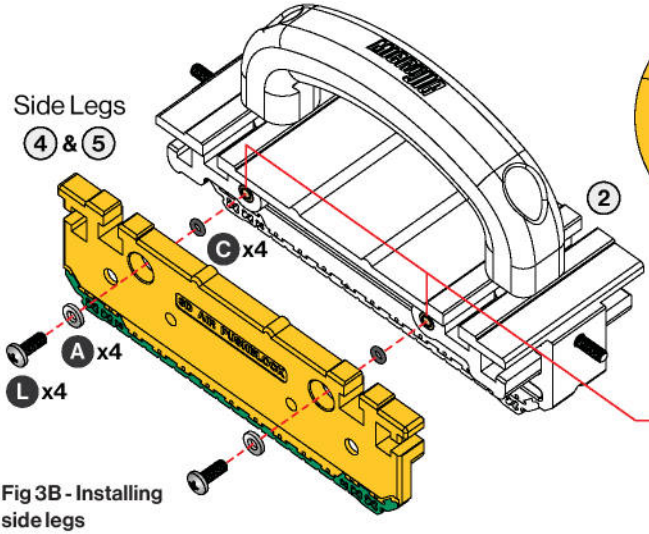


Fig 3B - Installing side legs

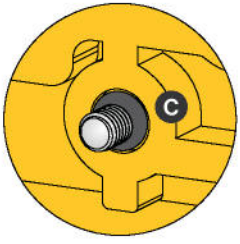


Fig 3A - O-ring set in counterbored hole

Step 4

4.1 Remove a SafeRip sticker (10) from the backing sheet and align the notch with the seam between the right side of the Main Body and leg [Fig 4A].

4.2 Apply the sticker pressing it down across the flat end of the main body and legs. Repeat steps 4.1-4.2 for the other end.

4.3 Slide one transparent orange SafeRip Cursor (9) onto the dovetail bolts on each end of the center leg.

4.4 Add a #10 Washer (A) over each cursor and screw the Green Round Knobs onto the dovetail bolts (F2) [Fig 4B].

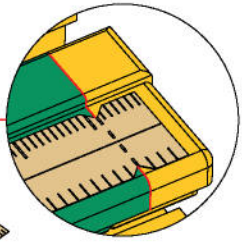


Fig 4A - Aligning SafeRip Stickers

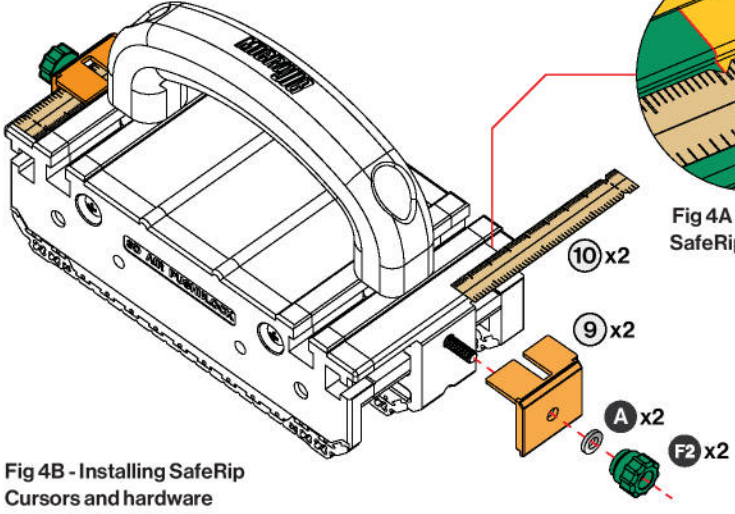


Fig 4B - Installing SafeRip Cursors and hardware

Step 5

IMPORTANT: All three legs must be evenly aligned and level for the best possible performance.

5.1 Slightly loosen the four screws holding the outer legs, and place the GRR-RIPPER AIR on a flat and even surface.

5.2 Apply downward pressure on the handle, and retighten the screws while maintaining downward pressure [Fig 5].

NOTE: This should always be done on first assembly and any time a leg is reattached or replaced.

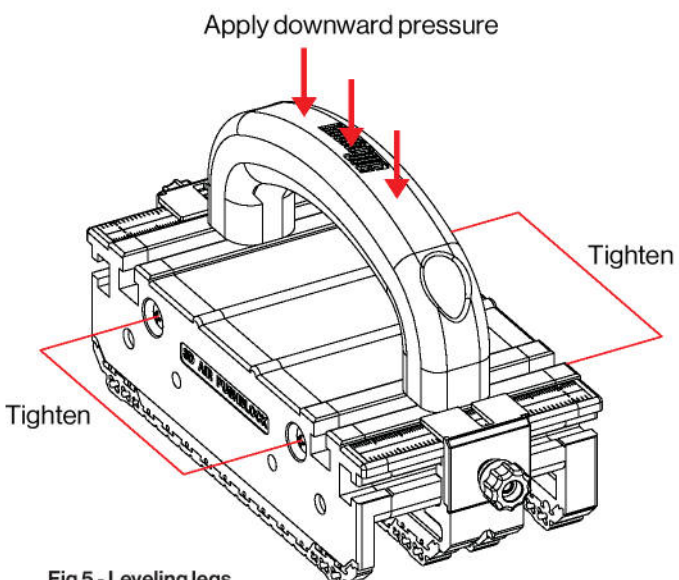


Fig 5 - Leveling legs

Step 6

6.1 Install two Green Thumb Screw E2 with #10 Flat Washers A through the slots in the Balance Support ⑥.

6.2 Roll a Black O-ring C onto the threads of both Thumb Knobs E2 so they fit into the counterbore slot on the inside of the Balance Support ⑥. The same way as for the legs in Step 3.2.

6.3 Thread the Thumb Screws E2 into the threaded inserts molded into the GRR-RIPPER leg [Fig 6].

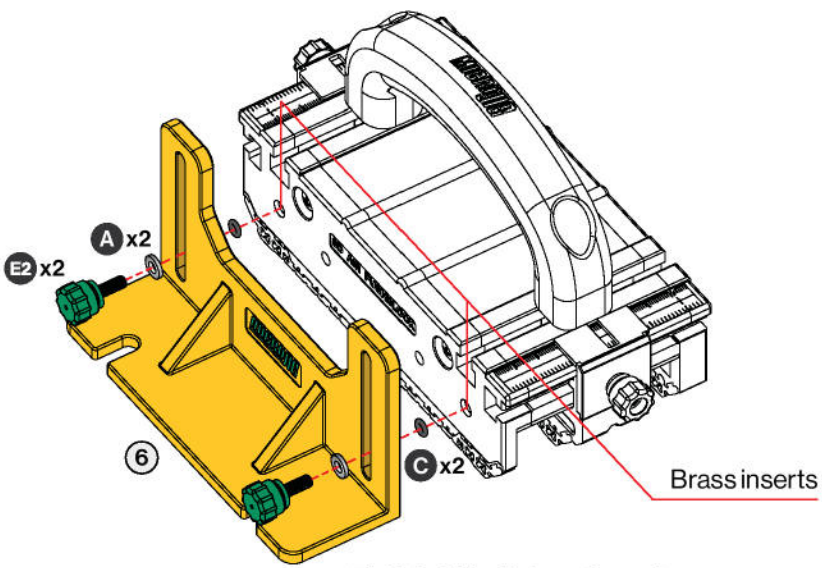
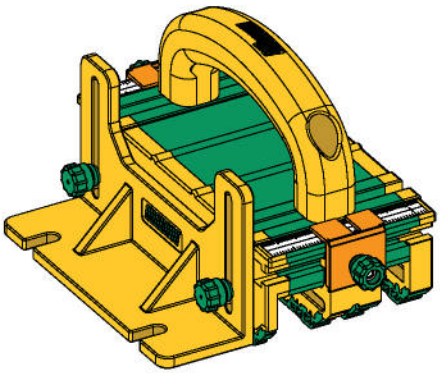


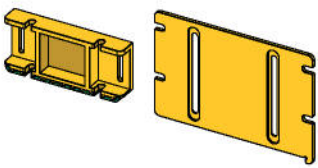
Fig 6 - Installing Balance Support



Completed GR-500

Upgrade Kit Users

For GRR-RIPPER AIR (GR-600) or the Upgrade Kit (GRAK-404), proceed to Step 7 below.



C2 Assembly (GR-200, GR-100 + GRAK-404)

Step 7

7.1 Insert the T-bolts (M) up though the slots in the Stabilizing plate (7). The head of the T-bolts fit into the counterbore slots in the bottom of the Stabilizing Plate.

7.2 Roll the orange O-ring (D) down the threads of the T-bolt (M) to the top face of the Stabilizing Plate (7). This keeps the T-bolts (M) in place.

7.3 Slide the shoulder washers (P) down the T-bolt (M) with the flat shoulder part up until the barrel rests on the O-ring (D).

7.4 Thread the Wing Knobs (N2) onto the T-bolts (M) until they just touch the top of the shoulder washers (P). Do not tighten yet.

7.5 With the hardware installed on the Stabilizing Plate (7) the barrels of the Shoulder Washers (P) can be inserted into the open slots on the edge of the Balance Support (6). This is a friction fit that will hold the Stabilizing Plate (7) in place while setting up.

7.6 Slide the Stabilizing Plate (7) under the GRR-RIPPER until the desired position is achieved and tighten the wing knobs (N2).

7.7 The Stabilizing Plate (7) is reversible. The hook edge is used with short parts to provide a physical push behind the stock. The straight edge is placed against longer stock when needed.

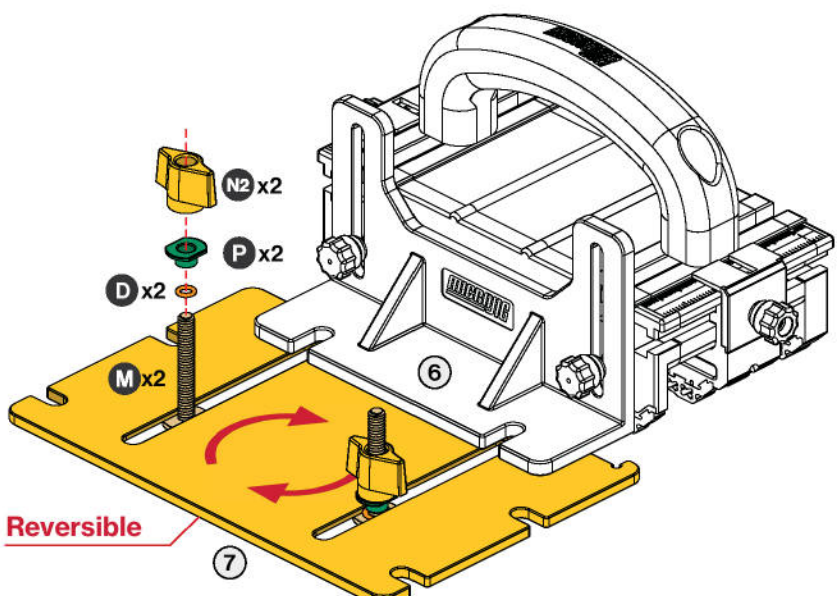


Fig 7 - Installing Stabilizing Plate

Step 8

8.1 Install two Green Thumb Screw (E2) with #10 Flat Washers (A) through the slots in the Adjustable Spacer (8).

8.2 Roll a Black O-ring (C) onto the threads of both Thumb Knobs (E2) so they fit into the counterbore slot on the inside of the Adjustable Spacer (8) in the same way as the Balance Support (6) in Step 6.

8.3 Thread the Thumb Screws (E2) into the threaded inserts molded into the GRR-RIPPER leg [Fig 8].

8.4 In use, loosen the Thumb Knobs to lower the Adjustable Spacer grip pad onto the top of the stock as needed. The Adjustable Spacer can be set with the grip pad facing up to use the smooth face for balance if needed.

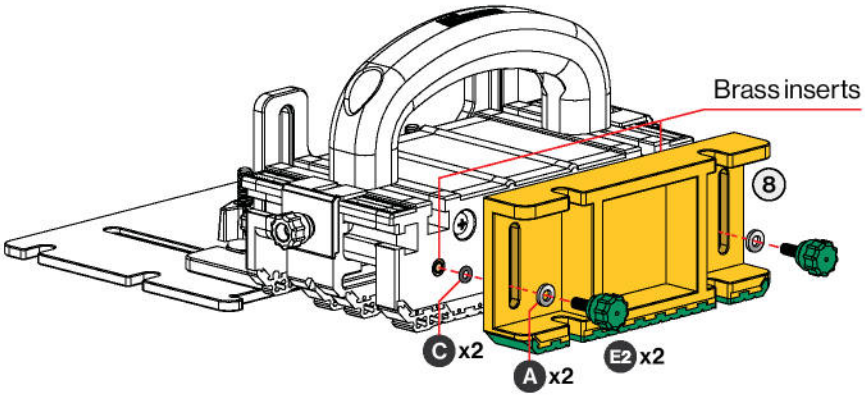
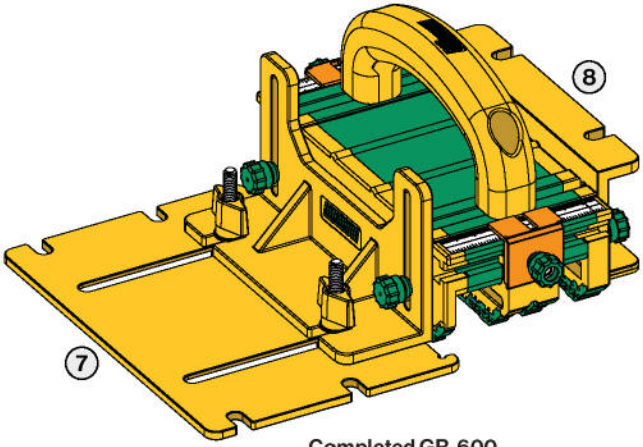


Fig 8 - Installing Adjustable Spacer



Completed GR-600

The Stabilizing Plate (7) acts like a feather board to hold parts without pressue against the fence or table without pushing them into bits or blades. It can be reversed so the straight edge is used with longer stock while the hook edge can keep smaller parts under complete control.

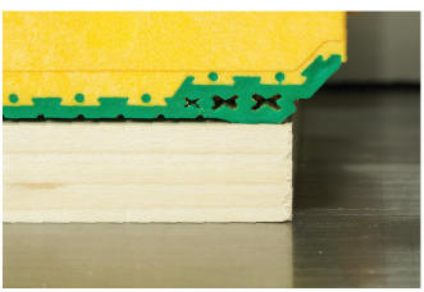
The Adjustable Spacer (8) used on the rip fence side of the GRR-RIPPER AIR offsets the legs by 1" to move the outer leg away from blade contact when needed. It is also useful at the router table for clearing bits above the stock that might otherwise cut into the leg.

TIP: Clean the rubber pads with denatured or common rubbing alcohol before use. This helps preserve the grip of the pads. Clean as necessary during use when saw dust accumulates. Do not use the GRR-RIPPER AIR if the rubber pads are not effectively gripping your workpiece.

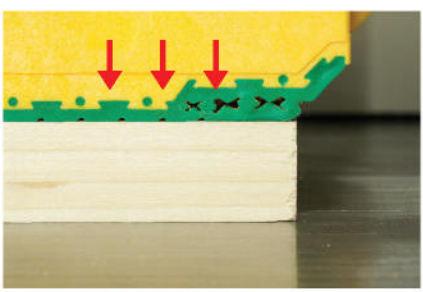
D The X-AIR HEEL Advantage

The GRR-RIPPER AIR gets its name from the innovative new open design of the X-AIR HEEL on all three legs. This X-AIR design provides "drop down" grip surfaces at both ends of each leg.

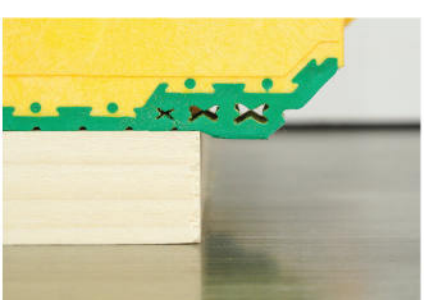
Press the GRR-RIPPER AIR down onto stock for a standard cut and the X-AIR HEEL flattens out to provide full control of your cuts.



GRR-RIPPER AIR at rest, no downward pressure.



Green GRR-RIP pressed down flat on stock, ready to cut.



The X-AIR HEEL automatically expands over the edge of the stock to form a mini heel.

The X-AIR HEEL also adapts well to rough lumber that has an uneven surface. When the GRR-RIPPER AIR is at the end of the stock, the extension rolls over the edge and acts as a "mini heel" to provide even more control over your work.

E How to Use

Using the GRR-RIPPER AIR

1. The GRR-RIPPER AIR is designed to guide along the rip fence when used at the table saw, therefore the rip fence must be parallel to the saw blade in order to maintain the parallel feed.
2. Set saw blade to the minimum height above the material recommended by the blade manufacturer, typically 1/8" to 1/4". Pay extra attention on workpieces that are not equal in thickness such as tapered stock. The tunnel has a clearance of 15/16" (23mm) in height. The Center Leg tunnel height is 5/8" (15mm).
3. The Center Leg is adjusted side-to-side so the blade will pass within one of the tunnels between the legs. Use the SafeRip Index to ensure that the blade will pass under the GRR-RIPPER AIR without contact [Fig E1].

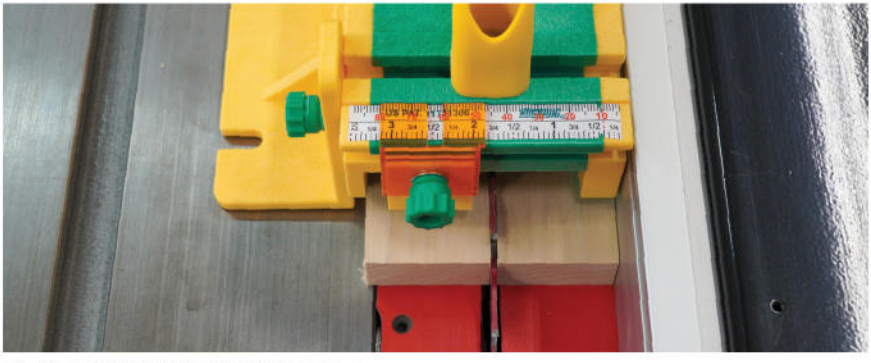


Fig E1 - GRR-RIPPER AIR SafeRip Scale

4. At the table saw, position the Center Leg (3) so that whatever measurement is shown on your rip fence scale is NOT covered by the transparent orange SafeRip cursor. This will always ensure that your Center Leg (3) is not in the cut line of the blade.
5. The GRR-RIPPER AIR Center Leg provides a 'third tunnel' that can be safely used when the rip cut measurement is exposed by the slot in the center of the SafeRip Cursor.
6. For best cutting results, use one non-stop feed from start to finish; do not pause during the cutting operation. Push the workpiece completely clear of the saw blade and riving knife/splitter before releasing pressure from the workpiece.
7. For smaller parts, once past the riving knife/splitter, use the GRR-RIPPER AIR to move the parts well to the left of the blade and then back to the front of the table. This allows recovery of the cut parts without reaching across the saw table.
8. If workpiece is longer than 16", the use of two GRR-RIPPER systems is recommended. Use the "leap-frogging" technique for cutting stock of unlimited length.
   INFO: Watch the online video at: **microjig.com/leapfrog**
9. On parts less than 16", the GRR-RIPPER AIR needs to be positioned on the part so The GRR-RIPPER AIR is firmly on the table before the stock meets the blade, and remains on the table as the rear of the stock clears the riving knife/splitter.

WARNING: Never feed stock using your bare hands when using the GRR-RIPPER AIR 3D Pushblock System.

Adjusting the GRR-RIPPER AIR

10. The non-slip pads are molded from a thermal plastic that compresses slightly when downward pressure is applied. When setting the height of the Balance Support (6), it is best to set the non-slip pads over the workpiece, put normal downward pressure from the Handle (1), lower the Balance Support (6) until it fully contacts the table saw top, then secure the Balance Support (6) in that position before releasing pressure from the Handle (1).

11. Double-check the setup by applying downward pressure on the tool with one hand and slightly pulling the workpiece under the tool. If not enough contact pressure in either the front or rear, adjust the Balance Support (6) accordingly.

12. The GRR-RIPPER AIR must be used in an absolute stable condition. When a workpiece is narrow and is not covered by the leg on the left (away from fence), the Balance Support must be secured to the left leg so the bottom surface of the Balance Support is in full contact with the table top to secure the steadiness of the tool during the entire cutting operation.

13. Use the Balance Support, Adjustable Spacer and Stabilizing Plate as appropriate to help support and control small or irregularly shaped parts.

14. If the width of the cut is between 1/4" to 5/8" on the Inside Cut, use the 1/4" Side Leg (5) on the right against the rip fence. If the width of the cut is less than 1/4", it should be obtained from Outside Cut [Fig E3].

NOTE: One advantage of using the GRR-RIPPER for cutting thin strips over the conventional push block method is that you can rip your stock all the way down to the thickness of the cut. The only "waste" will be smaller than your rip setting. Yield is greatly increased by saving material, thus reducing costs. Most importantly, the saw blade is always within the tunnel, which provides protection for your fingers.

WARNING: Always visually check to ensure that the Saw Blade Tunnel has enough clearance for the saw blade to pass through safely before turning on the saw. If the GRR-RIPPER AIR does not appear stable, or you are not confident in making the cut, do not proceed.

Using the 1/2" Leg

15. For rip cuts from 9/16" (14mm) up to 3-3/16" (81mm) set the 1/2" Leg (4) against the rip fence and attach the Balance Support (6) to the 1/4" Leg (5) as needed [Fig E2].

16. The center leg can be safely adjusted close to the right side of the blade for maximum control using the SafeRip Index [Fig E4].

Using the 1/4" Leg

17. For rip cuts from 1/4" (7mm) up to 9/16" (14mm) set the 1/4" Leg (5) against the rip fence and attach the Balance Support (6) to the 1/2" Leg (4) as needed [Fig E2].

18. The center leg can be safely adjusted close to the left side of the blade using the SafeRip Index [Fig E3].

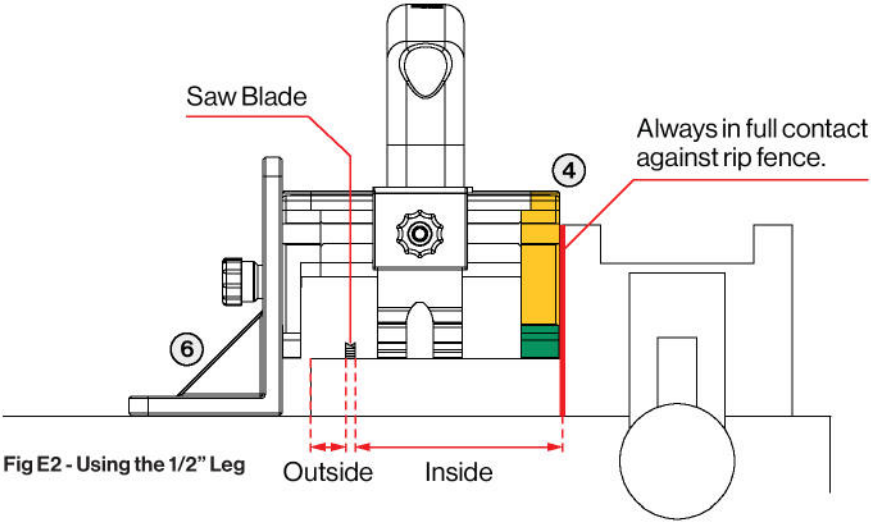


Fig E2 - Using the 1/2" Leg

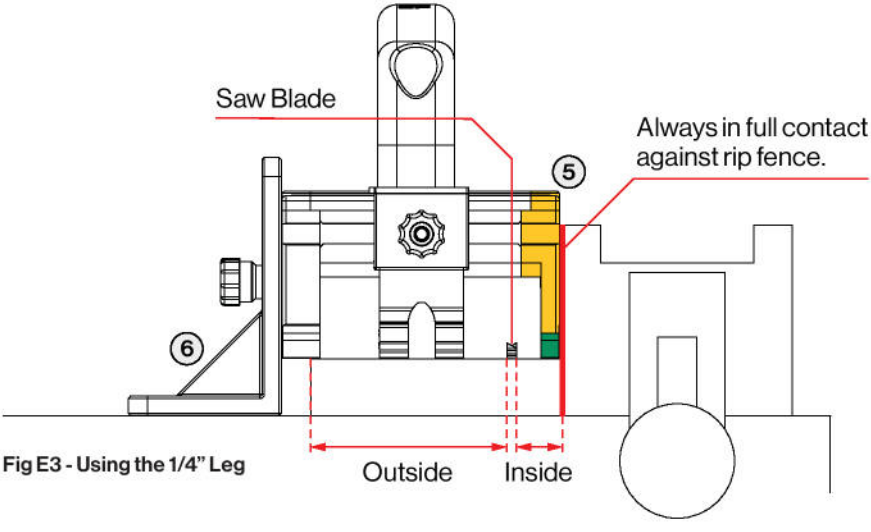


Fig E3 - Using the 1/4" Leg

Making Rip Cuts

19. The GRR-RIPPER AIR is primarily used for rip cuts at the table saw. The GRR-RIPPER AIR is placed on top of the stock to be cut and firmly against the rip fence. The center leg is adjusted left to right as needed to bypass the blade.

20. Loosen the round green knobs on each end of the Center Leg, use the SafeRip Index cursor to set the Center Leg, then re-tighten the green knobs to secure the Center Leg. The Orange SafeRip Cursor attached to the Center Leg indicates the position of the Center Leg. Move the Center Leg so that the measurement from the rip fence scale is NOT covered by any portion of the cursor [Fig E4-E6].

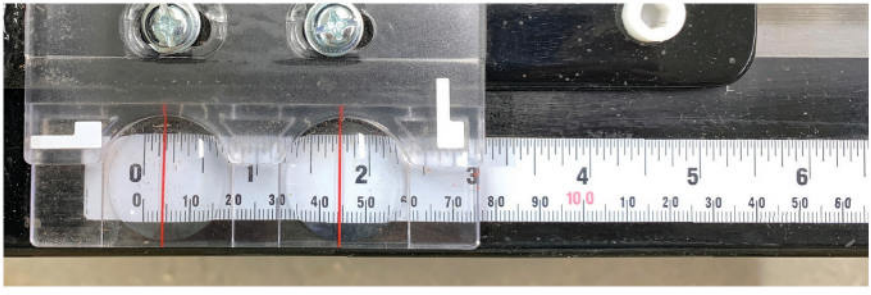


Fig E4 - Rip fence scale

NOTE: All table saw illustrations in this instruction manual show a 1/8" kerf saw blade and a rip fence that is secured parallel and to the right of the saw blade. Inside cut = cut between rip fence and the saw blade, is usually the keeper piece. Outside cut = cut on the left side of saw blade, is usually the off-cut piece.

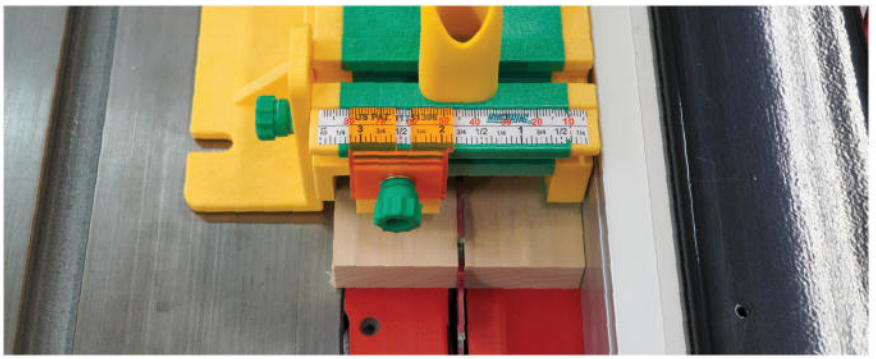


Fig E5 - Checking SafeRip Cursor



Fig E6 - Cutting with the Center Leg

21. Hold the GRR-RIPPER AIR down on the stock being cut, and push forward through the saw blade while maintaining downward pressure, along with a slight pressure sideways against the rip fence [Fig B]. Continue pushing through the cut until the GRR-RIPPER AIR clears the blade and riving knife or splitter.

Resawing on the Table Saw

NOTE: You can resaw narrow stock in one pass without a band saw, planer, or flat-bed sander. **Stock MUST BE square before resawing.**

22. Resaw to 1/4" (inside cut) or thicker in one pass as shown below.

23. Resawing stock thinner than 1/4", or resawing wider stock, can be achieved in two passes by setting the saw blade slightly higher than one half of the width of the stock in the first pass. Flip the stock over and finish with a second cut.
    TIP: Resawing stock thinner than 1/4" should be obtained from the outside cut.

24. A riser block like the optional ReSaw Riser (E1) shown can be added to the Balance Support (6) for stock wider than 2".

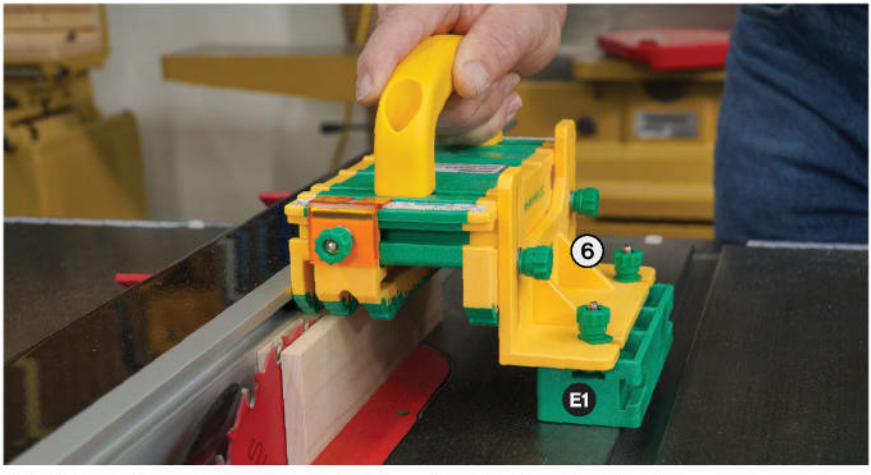


Fig E7 - Resawing on the table saw with the optional ReSaw Riser block

Grooving an Edge

25. When grooving the edge of a small part for splines or similar use, the Stabiilizing Plate can be used with the GRR-RIPPER set sideways to prevent the part rising on the blade.
INFO: Watch the online video at **microjig.com/spline**

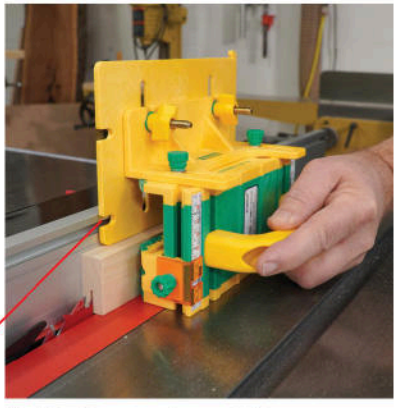


Fig E8 - Groove edge on table saw

Table Saw Bevel Cuts

26. When bevel cutting from 0 to 45 degrees, the GRR-RIPPER provides great control and virtually eliminates binding.
INFO: Watch the online video **microjig.com/bevelcut**

NOTE: The SafeRip Index **does not work** with bevel cuts. Check to ensure the blade will not contact the GRR-RIPPER legs.

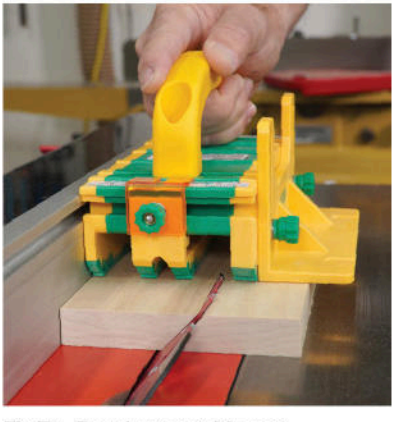


Fig E9 - Bevel cut on table saw

Router Table Pattern Cutting

27. Securely holds and guides a small workpiece against a template without tipping over. Use Balance Support (6) to stabilize the GRR-RIPPER when working with narrow or small material.

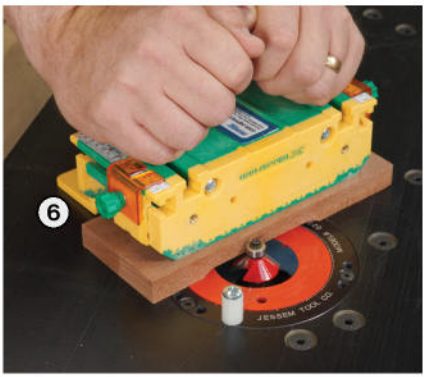


Fig E10 - Bevel cut on table saw

Router Table Slotting

28. Use the Stabilizing Plate (7) of the GR-200 as a second fence to box-in the workpiece on the router table.

29. Use the Stabilizing Plate hook edge behind short stock, or the flat edge for longer parts.

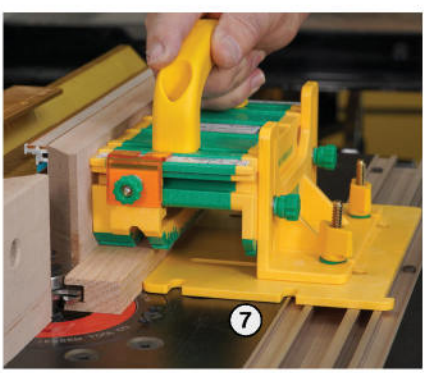


Fig E11 - Slotting on the router table

Control and Feed Long Stock

30. For stock longer than 16", please use two GRR-RIPPERs in a "leap-frog" operation to continuously feed the workpiece.
INFO: Watch the video at **microjig.com/leapfrog**



Fig E12 - Leap-frogging long stock on the table saw

Resawing on the Band Saw

31. The sides of the GRR-RIPPER are square to the legs, allowing for full control when used against the band saw fence.



Fig E13 - Resawing stock on the band saw

F GRR-RIPPER Accessories

1/8" Leg

Fits all GRR-RIPPER models. Rip 1/8" thin strips safely, accurately, and consistently on a table saw with the GRR-RIPPER 1/8" Leg.

See it in action at: **microjig.com/thinleg**



Part Number: GRP-11G

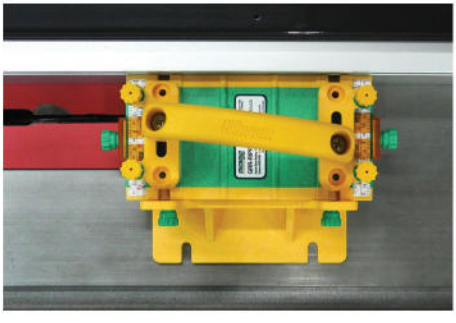
Handle Bridge Kit and Deflector/Connector

Fits all existing GRR-RIPPER models. Unique arch design gives the handle four points of contact to evenly distribute the downward pressure. Allows you to angle the handle for more ergonomic comfort.

The impact-resistant Deflector/Connector attaches to the Handle Bridge for use as a chip guard, or to connect two GRR-RIPPERs to each other in-line or side by side.



Left Hand Orientation



Right hand setup helps keep pressure on fence

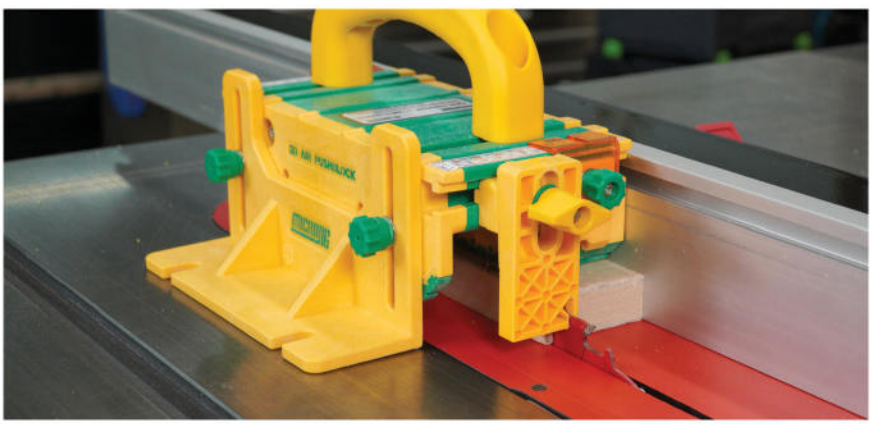


Part Number: GRHB-010 and GRDC-020

Gravity Heel

Fits all GRR-RIPPER models. The Adjustable Heel hooks onto the tail-end of your workpiece and automatically retracts when midboard. Reduces tearout on table saws and router tables. Adjustable depth and can lock into position.

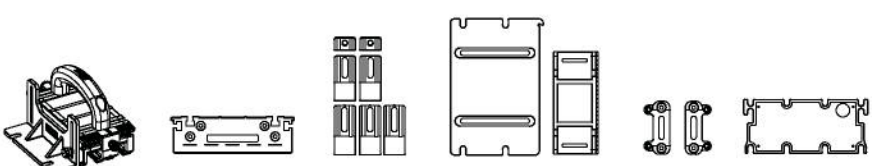
See it in action at: **microjig.com/gravityheel**



Part Number: GRGH-040

Upgrade your GRR-RIPPER today.

Learn more at: **microjig.com**



MicroDial Tapering Jig

The easiest, most precise tapers ever.



Set tapers from 0"–2" with no math. Lock, save, and switch between angles. Repeatable and accurate down to 1/8th of a degree.



Connect one to two GRR-RIPPERs.

Cut tapers up to 36" long depending on your saw and fence set up.



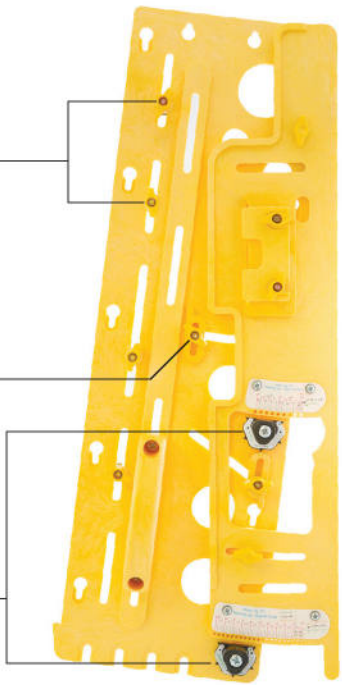
Lock, save, and switch between angles.

Two MemoryLocks allow you to set, lock and switch between angles.



Easily set your taper size and angle.

Set tapers 0"-2" in 1/16" intervals, and angles down an 1/8 degree.



Notes

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