B Chip Deflector + Blade Cover

One D/C is used as a chip deflector and blade cover on a single GRR-Ripper operation on table saw. This setup can also be used with the leap-frogging technique, but do not lift off the GRR-Ripper with the D/C attached in this position at an excessive angle.

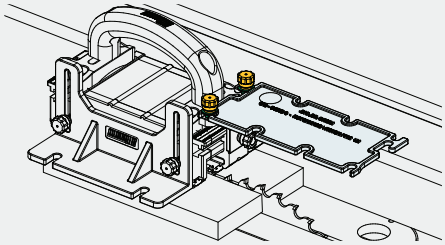


Fig 4 - Chip deflector + blade cover on table saw

C Connecting Front to Back

One D/C can be used to connect two GRR-RIPPERs front to back to make one long unit. This is useful when cutting longer parts at the table saw or router table. A second D/C can be added as a chip guard at either end of the long GRR-RIPPER setup as shown.

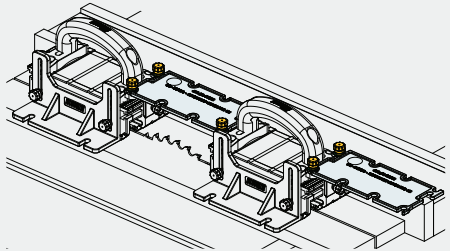


Fig 5 - Connecting front to back for cutting long stock

D Connecting Side by Side

One D/C can connect two GRR-RIPPERs side by side to make one wide unit. This is useful for wider cuts at the table saw or router table and at the bandsaw for resawing tall parts.

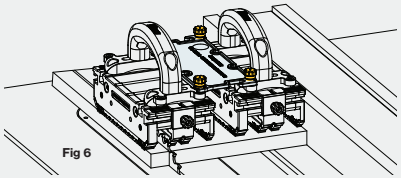


Fig 6

E Router Table

The D/C can be used as a guard at the router table with bearing guided bits. The D/C deflects debris from the user and provides a barrier between the bit and the operator.

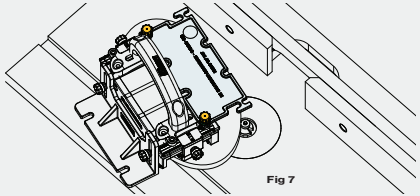


Fig 7

F With the GRR-RIP Block

The Deflector/Connector is an excellent addition to the GRR-RIP Block (GB-1) offering the same chip deflection and safety guard as it does when mounted to the GRR-RIPPER.

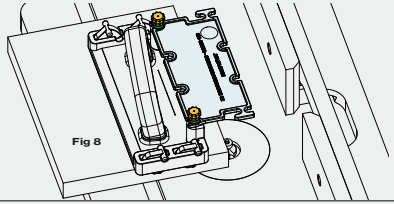


Fig 8

Full Instructional Video

Watch the instructional video and see the full capabilities of the Deflector/Connector at:
microjig.com/gr-dc

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:
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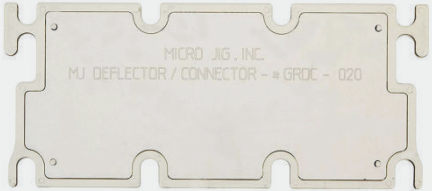


GRR-RIPPER®

GRR-RIPPER® Deflector/Connector

User Manual (v10.0)

Distribute downward pressure evenly for more GRR-RIPPER comfort and control.

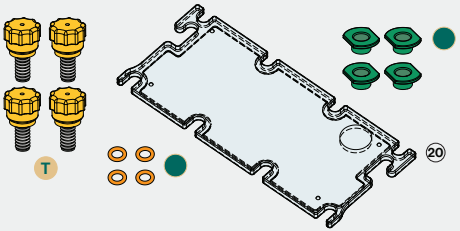


GRR-RIPPER Deflector/Connector
GRDC-020-AR

GRR-RIPPER® Deflector/Connector
User Manual (v10.0)

Parts List

#	1/8" Leg Parts	Qty	Part #
LEG	1/8" Leg	1	GRP-11G-AR
A	#10 x 7/16" OD Washer	2	GR-H1
C	9/32" Black O-Ring	2	GR-H3
L	10-32 x 1/2" Pan Head Screw	2	GR-H11



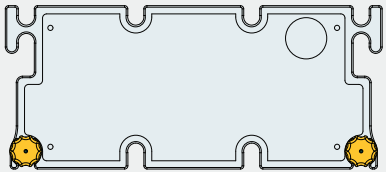
⚠ WARNING

Always wear safety glasses and hearing protection. Follow all safety precautions and use best practices. Microjig assumes no liability for products not sold by Microjig.

1 Introduction

The Deflector/Connector is designed to and safety and flexibility into the GRR-RIPPER and GRR-RIP Block products. The D/C can be used for deflecting chips and dust from the user, and can bridge between two GRR-RIPPERs or GRR-RIP Blocks to create larger push blocks for longer and wider cuts.

It works with the GRR-RIP Block (GB-1) and any GRR-RIPPER model that is equipped with the Handle Bridge Kit (Model # GRHB-010) The Deflector/Connector is NOT compatible with the GRR-RIPPER 2GO model.



Important - Read Before Use

1. When using the MJ Deflector/Connector over a saw blade, it is recommended that the blade be set according to the blade manufacturer's recommendations such that the minimum amount of blade possible will be exposed above the stock.

2. The Deflector/Connector can extend well beyond the body of the GRR-RIPPER and GRR-RIP Block. Care must be taken to ensure that either tool is not tilted such that the Deflector/Connector will come in contact with any blade or bit.

2 Installation

STEP 1 Assemble Thumb Screws

1.1 Slide a Nylon Shoulder Washer (P) onto the thread body of a 1/4-20 x 1/2" Thumb Screw ● until it rests on the underside of the knob. Push an Orange O-Ring ● onto the thread body of the screw until it comes in contact with the Nylon Shoulder Washer ● as the shown in [Fig 1a].

1.2 Repeat this step on all four thumb screws.

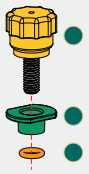


Fig 1a - Thumb Screw Assembly

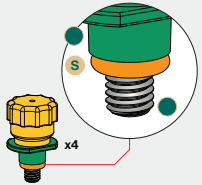


Fig 1b - Thumb Screw Assembled

STEP 2 Install Thumb Screws in Handle Bridges

2.1 Install the MJ Handle Bridges in the center location of the GRR-RIPPER. Thread the four thumb screw assemblies from Step 1 into the four brass inserts on the Handle Bridge. Tighten all four thumb screw assemblies until all O-Rings are loosely seated into the recesses above the brass inserts.

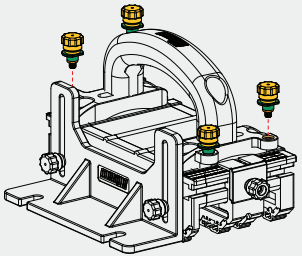


Fig 2 - Installing Thumb Screws (x4)

STEP 3 Attaching Deflector/Connector

3.1 Position the Deflector/Connector (D/C) as shown in [Fig 3] with the flat smooth surface facing up. Slide the D/C onto two of the nylon shoulder washers. It can be connected to either end of the GRR-RIPPER [Fig 3] or to either side as needed [Fig 7] ●.

3.2 Push the D/C until the Nylon Shoulder Washers ● are fully seated in the notches. Finger tighten the thumb screws ●. The D/C is now ready for ripping on the table saw [Fig 4].

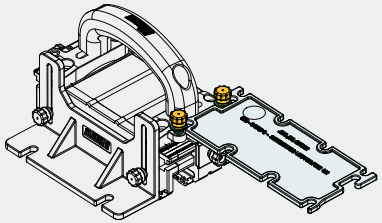


Fig 3 - Installing Deflector/Connector to GRR-RIPPER

3 Usage

A Using to Deflect only

When used as a Deflector only [Fig 4, 7, 8], the D/C can be easily snapped on or off with firm finger pressure by backing off the thumb screws 1/8 of a turn. The flexible O-Rings will keep the screws in that position without the D/C attached.

Do not back off the thumb screws more than necessary or the D/C will disengage with light pressure. The D/C is designed to come off only towards the right (fence) side so it does not come off accidentally in a straight backward direction.

Note: Make sure all notches are completely seated in the nylon washers. Use the long notches for snapping in; tighten all thumb screws when using the short notches. Slight adjustments of the handle location may be required in order for the D/C to be properly positioned.

The following illustrations show just a few of the many options for using the Deflector/Connector with one or two GRR-RIPPERs and GRR-RIP Blocks. It can even be adapted for use on sleds and jigs when combined with our MatchFit Dovetail Hardware 1" Track Screws.

Contact us at support@microjig.com for more ideas.