



Magswitch MagFence Combo Kit Instructions

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This Magswitch system is designed to be used in conjunction with all Magswitch Universal Accessories, jigs and fixtures.

Using two included 30mm MagJig magnets you can place and use these work supports in any location, on any cast iron tool.

Read all instructions! Failure to follow all instructions listed below may result in an unsafe or dangerous condition.

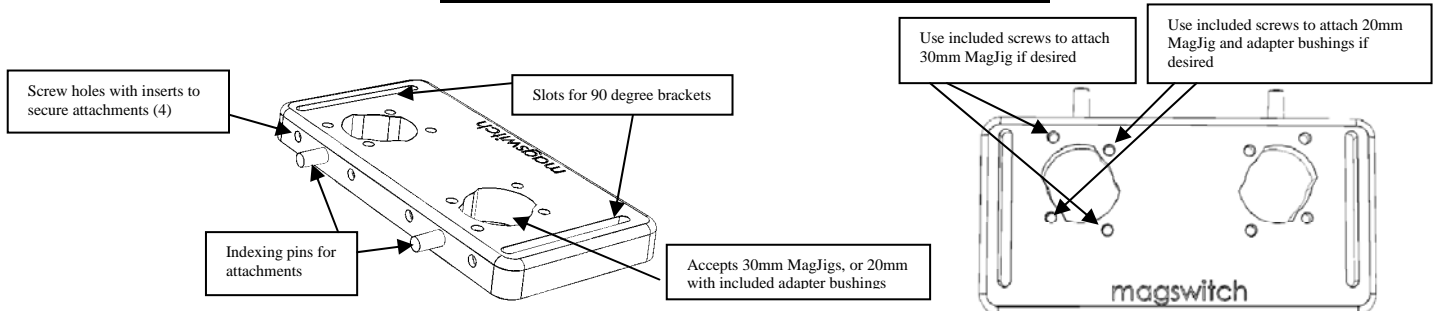
Safety Considerations

These Magswitch devices are designed to assist the user in most woodworking applications. They are designed to supplement existing safety devices and techniques. For your safety, and the safe use of these tools, user must read and understand all proper operating and safety information for the tool that they are using. All safety devices must be used as recommended by the tool manufacturers. Push blocks and/or push sticks should always be used to ensure that no body parts can come in contact with bits/blades.

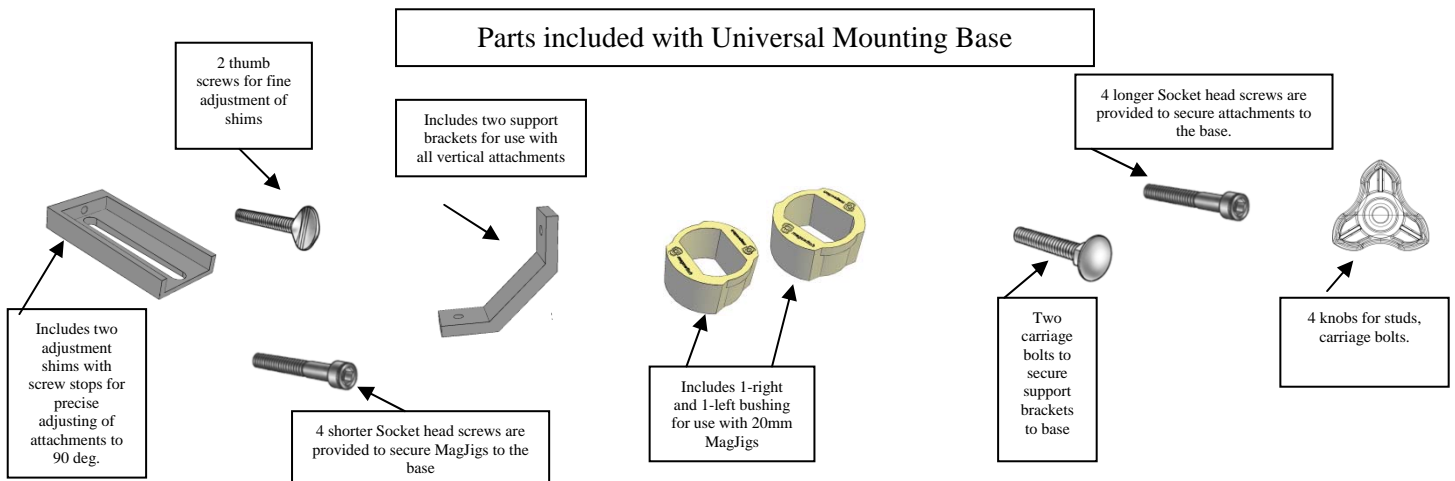
General Information

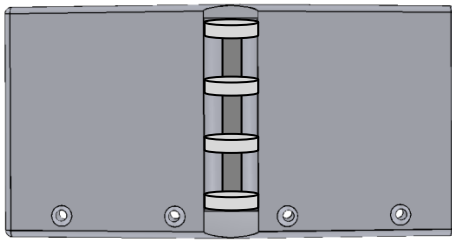
The Base can be used as a stand-alone device on almost any tool. Using the two MagJigs, it makes a perfect fence, work stop or straight edge. Because of the low profile of the Universal Base, these devices are designed to work on Steel and Cast Iron Fences as well as table tops. Shaper and Joiner/Planer Fences are perfect uses for these work supports as well as small table tops. Magswitch recommends that all fixtures be securely attached to this base unit using the screws included in this package.

Understanding the Universal Mounting Base

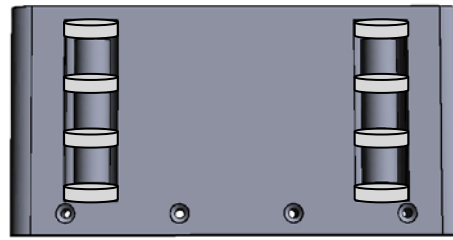


Parts included with Universal Mounting Base





Single Point Resaw Guide
Also works as Infeed or Outfeed guide.



Dual Roller Work Support
Ideal for work support when cutting tall panels and dado cuts.

All bearings are evenly spaced from the factory, if your needs are to have them focused in one area, it is possible to remove the center bolt and redistribute them to your needs. Reinstall all parts and gently tighten the nut and bolt.

Assembly of Attachments to Base Unit

1. For best results always secure vertical attachments to the Base with the four screws provided. (Note that when installing the Resaw Guide for the first time, the outer screws may require additional effort as they will cut their own threads in the plastic base. This is normal and will not be an issue in future attachment)
 2. Place support bracket over studs in rear of attachments and install knobs to hold in place gently.
 3. Install carriage bolts from the bottom of the Base up through the slots provided.
 4. Place shim over the carriage bolt (screw hole to rear) and position support bracket and remaining knobs.
 5. You may install the two thumb screws if desired to provide positive stops for the shims or to act as a micro adjust.
 6. Ensure that the brackets are in the shims and against the vertical attachment properly and tighten the upper knobs.
 7. Using a square against the front of the vertical attachment, slide the shim in or out as needed to fine tune the attachment to 90°. Note that the adjustment may not be complete until the lower knobs are tightened. Do not attempt to use the thumb screws or adjust the shims without first loosening the lower knobs.
 8. The two included bushings are designed to allow for 20mm MagJigs to be used with the Universal Base. Note that the adapters are different and should be installed to allow the included screws to secure the MagJigs to the Base. It is not necessary to screw the MagJigs to the base in order to use the MagFence system. Install the adapters (lettering up) and push down until they are seated flush with the top of the Base.
- ✓ When making a ‘Through Cut’ always ensure that the wood is not being pinched against the blade. This can result in a dangerous ‘Kickback’ situation and could result in bodily injury. Always place the work supports just prior to the blade to avoid pinching the blade.
 - ✓ When making a ‘non-through cut’ such as a shaper, dado blade cut or joiner/planer, it is acceptable to place a work support right at or above the bit/blade for increased consistency of pressure and quality of cut. They are also ideal to hold work down to the table when used on a joiner/planer, shaper or other cast iron or steel fence.

Magswitch Limited Warranty

Magswitch products are covered by a One Year Limited Warranty on Material and Workmanship. Warranty is Non-Transferable.

Magswitch reserves the right to inspect all product claims under warranty. Any alteration of the device voids this warranty.

User assumes all risk for the proper use of this device and for ensuring product suitability for intended application.

This warranty shall not cover any incidental or consequential damages due to the improper use or failure of this device.

All Magswitch products are covered under International and U.S. Patents 6,707,360 & 7,012,495. Add'l patents pending.

Single Roller Resaw Guide

- This Ball Bearing based Resaw Guide is designed to be attached to the Magswitch Universal Fence System creating a stable Resaw guide as well as a handy infeed/outfeed work support.
- Once attached, with the 4 screws and brackets provided, it provides a stable upright guide for you to easily resaw wood on your band saw. Use of two of these Resaw Guides and Bases will allow for unparalleled work support and precision when placed on either side of the wood being resawn. Align the two sets of ball bearings so that the wood is firmly held between them to avoid any torque motion that would degrade the quality of your work.
- Pressure is not required, hold the Resaw Guide gently against the wood and turn the magnet knobs clockwise 180° until they stop. To release, simply turn the knobs counterclockwise until they stop.
- The angled sides of this Resaw Guide allow for adjusting the feed angle of your lumber to match the blade drift that you may encounter with your band saw. It is also ideal for allowing freedom of motion to create a scalloped face or taper to the wood.
- Utilizing precision dust sealed ball bearings; the Resaw Guide allows the wood to be pushed through the blade with less effort and less marking of the wood. As with all Resaw guides, the placement of the ball bearings should be even with the beginning of the bandsaw blade teeth. This will allow for the greatest quality of cut and ease of blade drift adjustment.
- Depending on the height of the wood being passed over the ball bearings, you may wish to remove the bolt and nut and reposition the bearings and spacers to create a stable support platform in a lower or higher location. Reinstall all of the parts to ensure firm support of the bearings and gently retighten the bolt.
- If necessary it is possible to fine tune the Resaw Guide to ensure that is precisely 90° square to the table top. This can be adjusted to approximately 2° less than or greater than 90°. Loosen the support brackets at the base, slide the angled shims in to push the top of the Resaw Guide further forward, and retighten the knobs. Sliding the shims back will bring the top further back towards the base. When using the Resaw Guide as a support for wood held up against an existing fence or table, this will allow you to match the angle of your fence to help avoid any rocking or movement of the wood.

The angled infeed and outfeed makes this an ideal work support when used as an outfeed guide on a shaper, planer/joiner, and even table saw. Due to the low profile of the Resaw Guide and Base, it is possible to use it as a hold down, attached to the steel or cast iron fence of the joiner/planer or shaper as well. As always, place and adjust so that the Resaw Guide does not contact the blade and that the blade is never being pinched by the wood, which could create a dangerous situation.

Warning: As with all Magswitch devices, user must read, understand and follow all Power Tool Manufacturers' usage and safety guidelines for the machine they are using. Failure to follow appropriate safety procedure may result in an unsafe condition or bodily injury. Magswitch products are designed to supplement existing safety devices and should not be relied upon as a safety device. Push sticks and push blocks and blade guards are recommended to ensure that no part of your hand comes near the blades at any time.

Dual Roller Work Support

- This Ball Bearing based Dual Roller Work Support is designed to be attached to the Magswitch Universal Fence System creating a stable workpiece guide as well as a handy infeed/outfeed work support.
- Once attached, with the 4 screws and brackets provided, it provides a stable upright guide for you to easily support tall panels of wood on your table saw or when edge joining on a joiner/planer. It is also a perfect work support when performing dado cuts, rabbeting, or whenever you need to hold a piece of wood on edge.
- Pressure is not required, hold the Dual Roller Support gently against the wood and turn the magnet knobs clockwise 180° until they stop. To release, simply turn the knobs counterclockwise until they stop.
- Utilizing precision dust sealed ball bearings; the Dual Roller Work Support allows the wood to be pushed through the blade with less effort and less marking of the wood.
- Depending on the height of the wood being passed over the ball bearings, you may wish to remove the bolt and nut and reposition the bearings and spacers to create a stable support platform in a lower or higher location. Reinstall all of the parts to ensure firm support of the bearings and gently retighten the bolt.
- If necessary it is possible to fine tune the Dual Roller Work Support to ensure that is precisely 90° square to the table top. This can be adjusted to approximately 1 ½° less than or greater than 90°. Loosen the support brackets at the base, slide the angled shims in to push the top of the Dual Roller Work Support further forward, and retighten the knobs. Sliding the shims back will bring the top further back towards the base. When using the Dual Roller Work Support as a support for wood held up against an existing fence or table, this will allow you to match the angle of your fence to help avoid any rocking or movement of the wood.

The ball bearings and firm control make this an ideal work support when used as an outfeed guide on a shaper or planer/joiner. Due to the low profile of the Dual Roller Work Support and Base, it is possible to use it as a hold down, attached to the steel or cast iron fence of the joiner/planer or shaper as well. As always, place and adjust so that the Dual Roller Work Support does not contact the blade and that the blade is never being pinched by the wood, which could create a dangerous situation.

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