

Original Instructions

MAG-10400 SERIES



Workstation Stands for Sharpeners and Cleaners

Covering part numbers:

MAG-10400

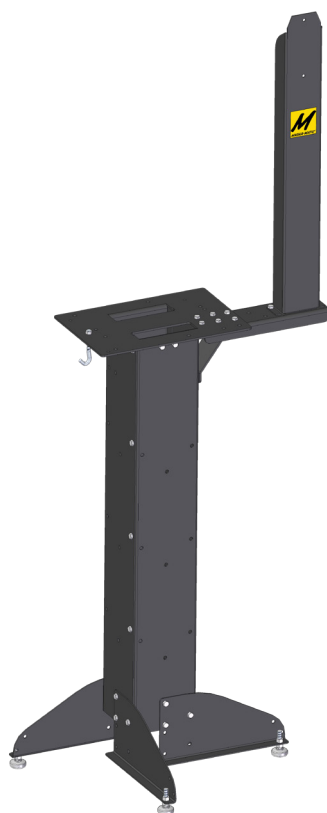
MAG-10401

MAG-10450

10400-08-KIT

10400-10 Shelf

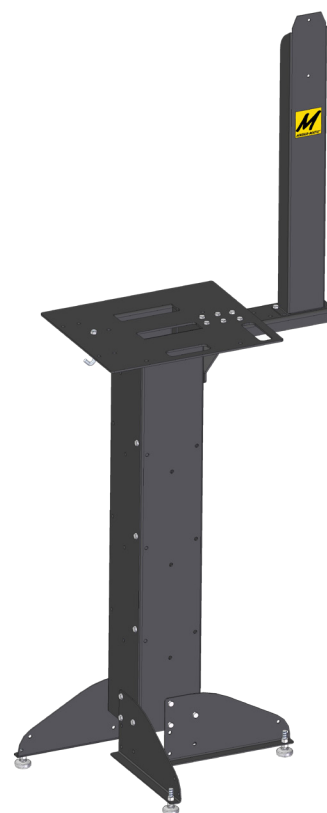
200-20-KIT



MAG-10400



MAG-10401



MAG-10450



THANK YOU,

We sincerely appreciate your decision to choose Magna-Matic. We understand there are other choices in the marketplace, and we are extremely confident that you will find our quality and design to be the best. Rest assured that if you have a question or problem you will have complete customer support for all of our products.

800-328-1110 (USA & CANADA) or 920-564-2366
<https://www.magna-matic.com>

Please be sure all the items are in the box and inspect for shipping damage, or for missing parts. Contact Magna-Matic right away to remedy any problems due to shipping. 800-328-1110

BOX INVENTORY

Hardware Inventory

This is a listing of all the parts and hardware that are included with the MAG-10400 / MAG-10450

Qty	Part #	Description	Qty	Part #	Description
4	10400-01	Stand leg	34	H-31C75HSZ	5/16"-18 x 3/4" long bolt
2	10400-02	Column halves	37	H-31CNFZ	5/16"-18 nut
1	10400-03	Sharpener tabletop	37	H-31WLZ	5/16" lock washer
1	10400-04	Balancer stand base	2	H-31C100HSZ	5/16"-18 x 1" long
1	10400-05	Balancer stand arm	2	H-25C75HSZ	1/4-20 x 3/4" long bolt
1	10400-09	Balancer stand brace	2	H-25C150HSZ	1/4-20 x 1.5 long bolt
4	10300-16	Leveling Foot	2	H-25CNFZ	1/4-20 nut
1	10400-16	5/16"-18 "J" hook + 5/16-18 nut	2	H-25CNFZ	1/4"-20 nylon nut
			8	H-37CNFZ	3/8"-16 nut

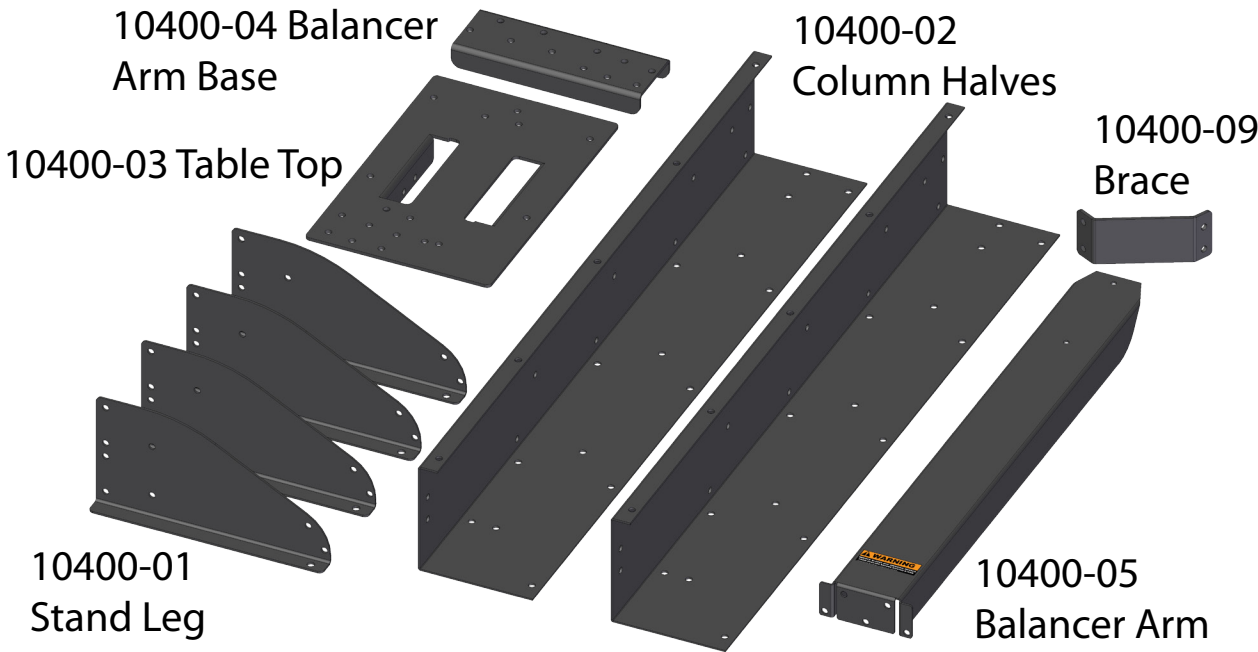
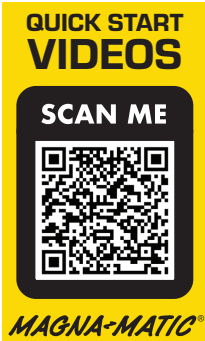
First gather all the require tools to assemble the stand.

- (2) 7/16 Combination Wrench
- (2) 1/2 Combination Wrenches
- (2) 9/16 Combination Wrenches
- (1) Level & (1) Square

The MAG-10450 uses tabletop part 10450-01, which is a larger tabletop for the MAG-12008 Cleaner. This larger tabletop is shipped in the same box as the cleaner or separately. Blade cleaner mounts with (4) 5/16"-18x1"

MAG-10400 / MAG-10450 Specs

Width	23 inches
Height (table)	38.5" or 41.25" two positions
Height (overall)	69 inches
Foot Print	23 x 23 inches
Weight	60 lbs
Steel Thicknesses	7 & 12 gage

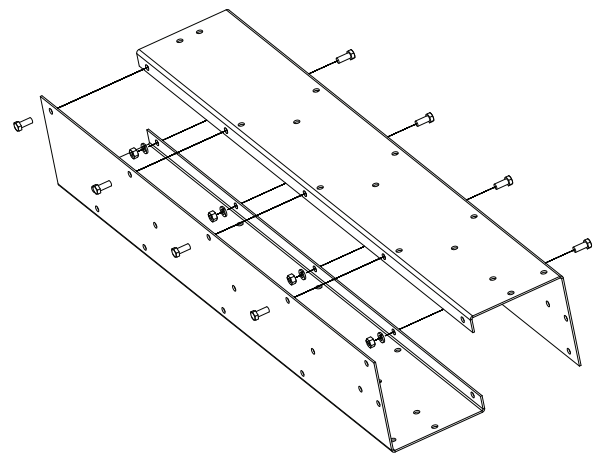
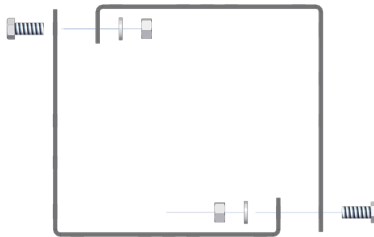


STEP 1 Assemble the Column

You will require:

- (8) 5/16" x 3/4" long bolts, nuts, lock washers
- (2) 1/2" wrenches

The lock washers should be located under the nut inside the column as shown. Using a square, check that the column is square down its length before tightening the bolts. Both of the short bends should be inside the column. See the end view image to the right.



Please note if you have optional items for your stand they often share at column bolt in the three hole pattern along the column sides.

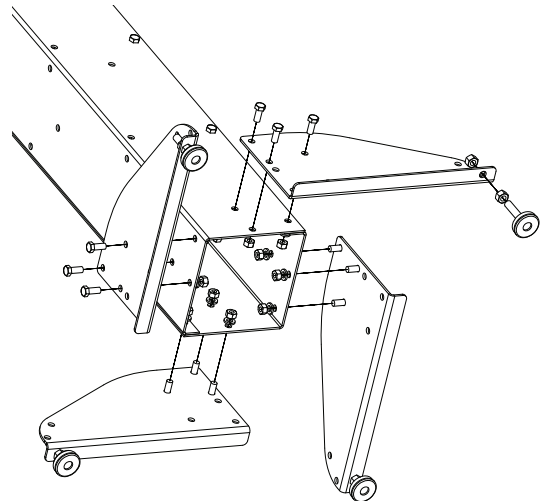
STEP 2 Assemble the Legs to the Column

Assemble legs to the column, and the leveling feet to the stand legs.

You will require:

- (12) 5/16" x 3/4" long bolts, nuts, lock washers
- (2) 1/2" wrenches
- (1) Square
- (8) 3/8" nuts
- (2) 9/16" wrenches

When tightening the 5/16" bolts use the square to align the legs to the column. Leave the industrial guides loose, you will level them later to accommodate for possible uneven floor surfaces. The MAG-10400 / MAG-10450 has two height positions for operator comfort. The lower positioned holes will provide a 38.5" tall sharpener tabletop. The higher positioned holes will provide a 41.25" tall sharpener tabletop. NOTE: The lower position is not ideal if you have a dust collector.



STEP 3 Optional - 200-20-KIT Brackets

MAG-8100 & MAG-8200 needs the dust collector mounted under the grit guard.

MAG-6000 needs the dust collector under the on/off switches

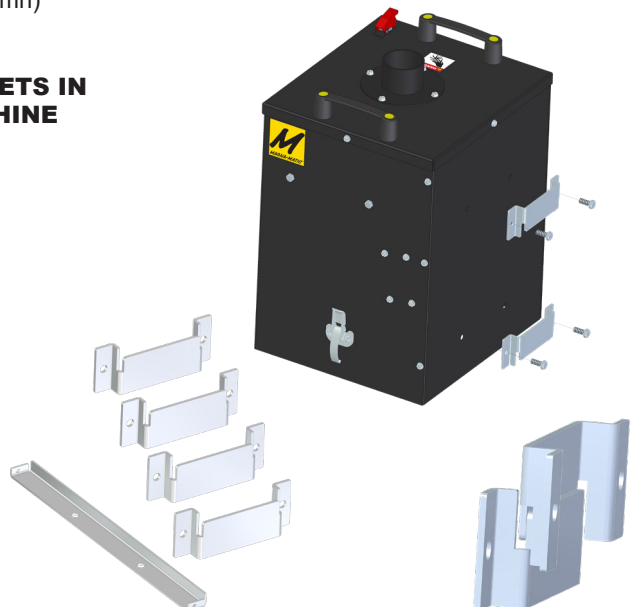
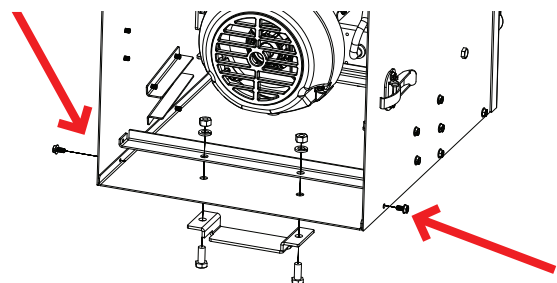
MAG-12008 need the dust collector mounted under the balancer arm. See the detail for installing the brackets on the MAG-200 in its respective instructions.

The brackets should be on the two lowest positions.

You will require:

- (4) 5/16" x 3/4" long bolts, nuts, lock washers (for mounting brackets to column)
- (2) 1/2" wrenches

PAY CLOSE ATTENTION TO WHERE YOU INSTALL THESE BRACKETS IN RELATIONSHIP TO THE TABLETOP ORIENTATION FOR THE MACHINE YOU ARE MOUNTING.



MAGNA-MATIC®

STEP 4 Optional - 10400-10 Grinding Wheel Shelf

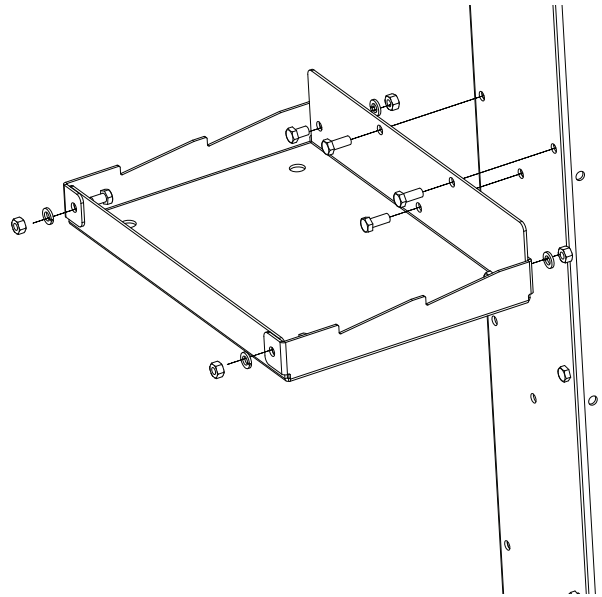
This shelf can be used to hold the water-cooling tank for the 8200, a box of ten grinding wheel, blades, or tools. It is possible to have up to four shelves on MAG-10400 or MAG-10450. **Always have grinding wheels in a cardboard box, do not place a grinding wheel directly against the steel shelf.**

Assemble the grinding wheel shelf to the stand. You will require:

- (3) 5/16" x 3/4" long bolts, nuts, lock washers (for mounting to column)
- (4) 5/16" x 1/2" long bolts, nuts, lock washers (for shelf corners)
- (2) 1/2" wrenches

There are 12 possible locations for the grinding wheel shelves - 3 locations per 4 sides of the column. If you choose to place a shelf on the side of the column where bolts are holding the column together, you must remove that bolt and it will be shared with the shelf and column.

If you are having trouble deciding where to mount your 10400-10 shelves refer to the examples on the front cover of this manual to see where you might like your shelves.



STEP 6 Optional - 10400-08-Kit Wheel Kit

Wheel kit/caster bracket allows for easy movement of the MAG-10400 series to other locations around your shop. The wheels allow you to move the stand much like a dolly or two-wheel hand-truck.

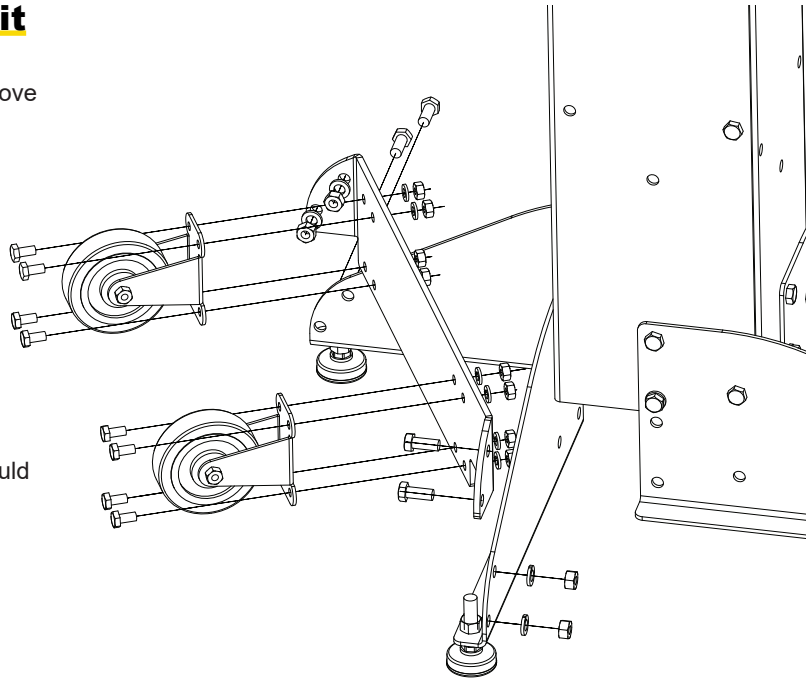
Assemble the caster bracket to the stand.

You will require:

- (4) 5/16" x 3/4" long bolts, nuts, lock washers
- (8) 1/4" x 3/4" long bolts, nuts, lock washers
- (2) 1/2" wrenches
- (2) 7/16" wrenches

First bolt the two wheels to the caster bracket. Bolt the caster bracket between two of the stand legs.

The wheel kit is typically installed 90 degrees to the tabletop, they should be at the front of the sharpener.



STEP 7 Assemble the Brace to the Column

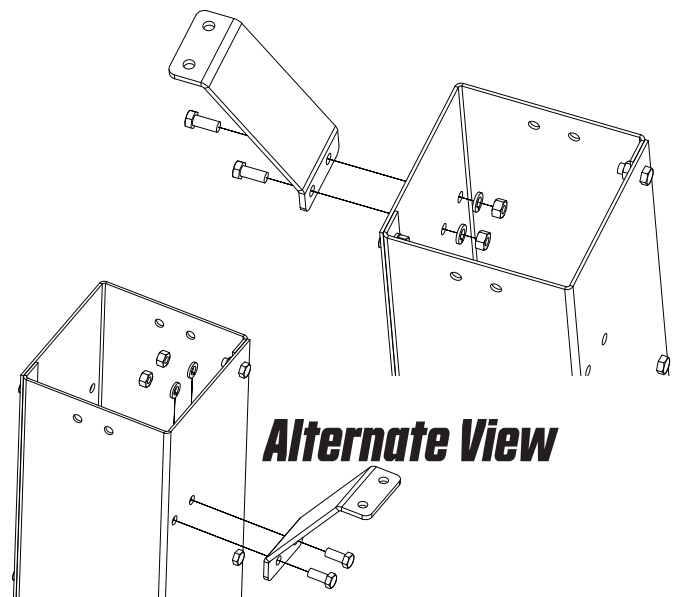
You will require:

- (2) 5/16" x 3/4" long bolts, nuts, lock washers
- (2) 1/2" wrenches

We recommend just slightly compressing the lock washers (**do not tighten, just compress the lock washers slightly**) - this will allow for easier alignment. In the next steps you will install the tabletop and balancer arm. After the tabletop is in place if you use an impact wrench to tighten these two bolts without needing to get a wrench inside the column. There is limited access once the tabletop is on to these nuts.

Here are two views to help you see the location and hardware.

If you have installed optional accessories like the shelves, wheels, or dust collector brackets take note of the direction of your tabletop in step 8 when choosing which side of the column to install this brace.



Alternate View

STEP 8 Assemble the Tabletop to the Column

You will require:

- (8) 5/16" x 3/4" long bolts, nuts, lock washers
- (2) 1/2" wrenches
- (2) 5/16" x 1" long bolts, nuts, lock washers

The two 1" long bolts are required to go through the table, balancer base, and brace - connecting all three parts. The "U-shaped" balancer base is between the tabletop and angled brace. The "J" hook can be placed in any of these holes and replace a bolt or in a free hole in the table for hanging the arbor and spanner wrench.

IMPORTANT NOTE: the MAG-10401 stand does not have a balancer arm, so it does not have part# 10400-04 base, 10400-05 arm, or 10400-09 brace

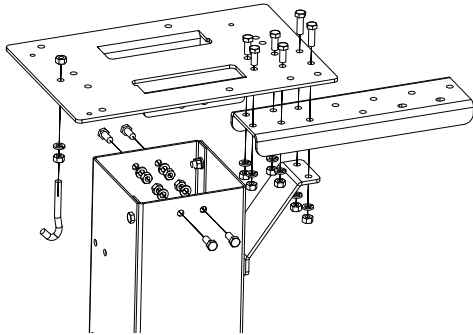


TABLE ORIENTATION FOR MAG-8000, MAG-8100, MAG-8200, and MAG-6000

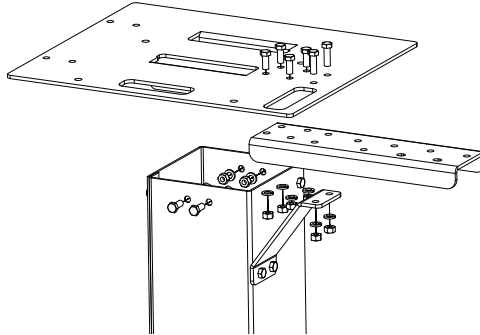


TABLE ORIENTATION FOR MAG-12008

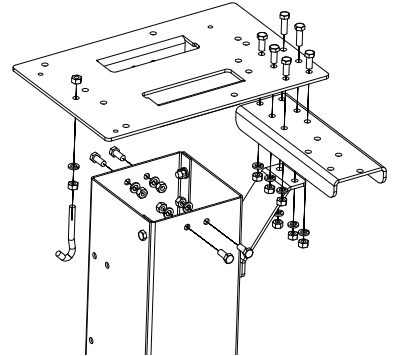


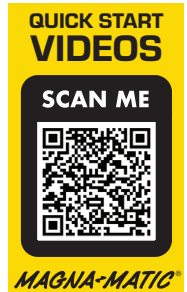
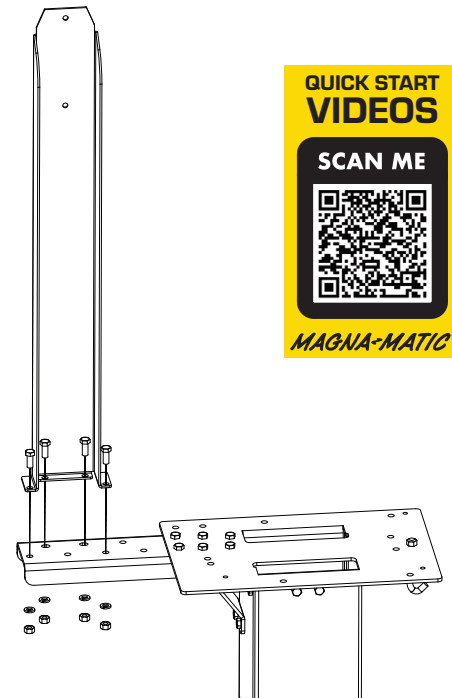
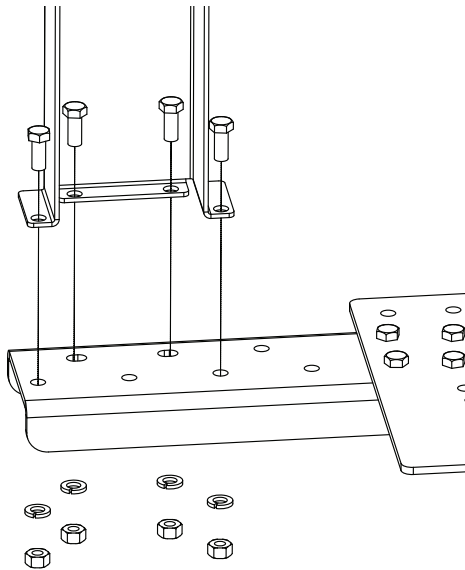
TABLE ORIENTATION FOR MAG-9000 (LEGACY)

STEP 9 Assemble the Balancer Arm

You will require:

- (4) 5/16" x 3/4" long bolts, nuts, lock washers
- (2) 1/2" wrenches

Connect the balancer arm to the balancer base using the above listed hardware. Alternatively, if you purchased the Balancer Arm 10400-05 by itself you may bolt it to any work bench tabletop.

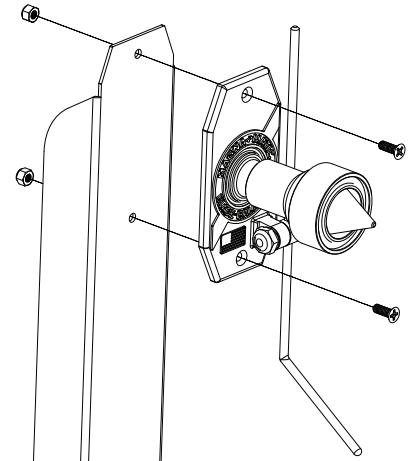


STEP 10 Assemble the Balancer to the Arm

You will require:

- (2) 1/4" x 3/4" long screws and two nylon nuts
- (1) 7/16" wrenches
- (1) Phillips screw driver

Connect the balancer to the balancer arm with the two nylon nuts as shown in the image.



STEP 11 Mount the Sharpener or Cleaner

Mount the MAG-8100, MAG-8200, MAG-6000 to the stand. You will require:

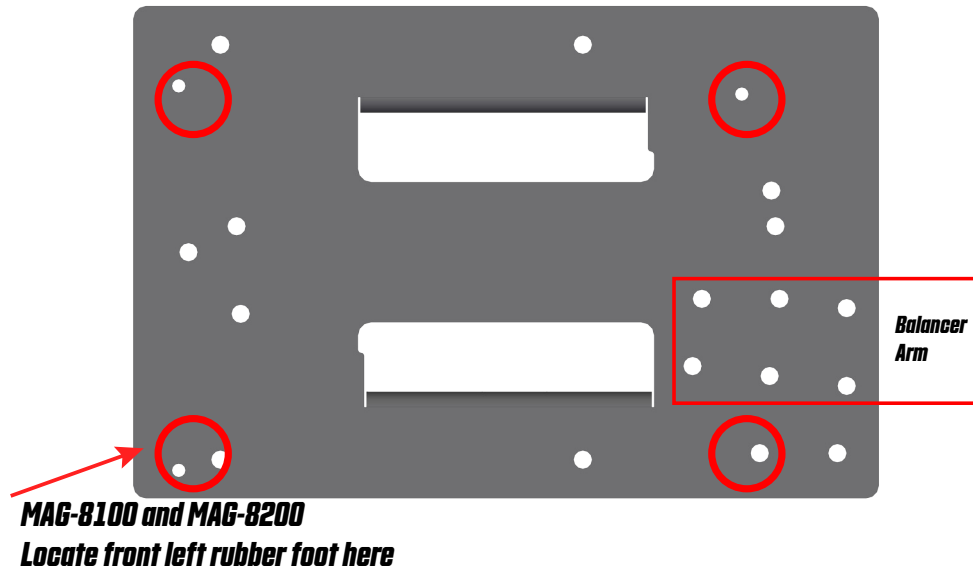
- (2) 1/4" x 1.5" long bolts
- (2) 7/16" wrenches

DO NOT REMOVE THE RUBBER FEET FROM THE MACHINE.

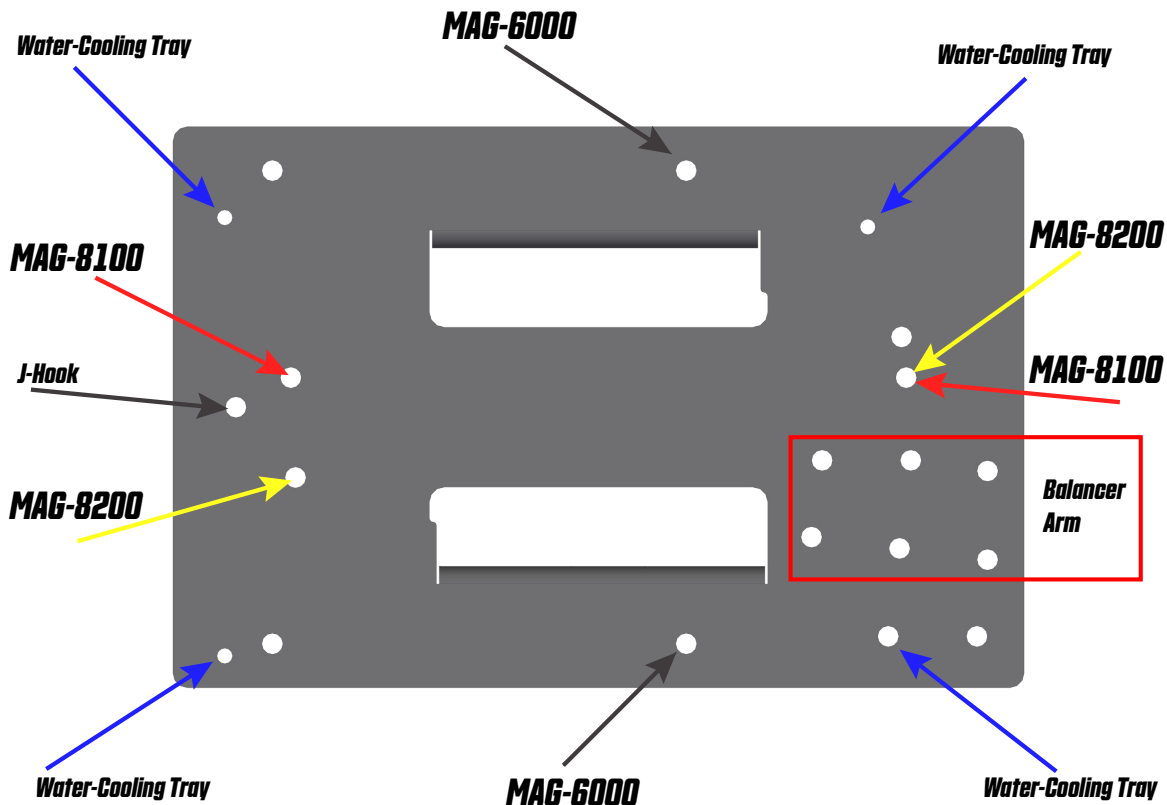
For the MAG-8100 and MAG-8200 locate the "front left" rubber foot (the one closest to the grinding wheel) to the front left corner of the tabletop. Look under the grinding wheel, you will see a 1/4" hole. Drop one 1/4" x 1.5" bolt down through the base plate of the sharpener. The rear hole is under the motor, because of the tight fit you will need to bring the bolt up from under the tabletop up through the base plate of the sharpener.

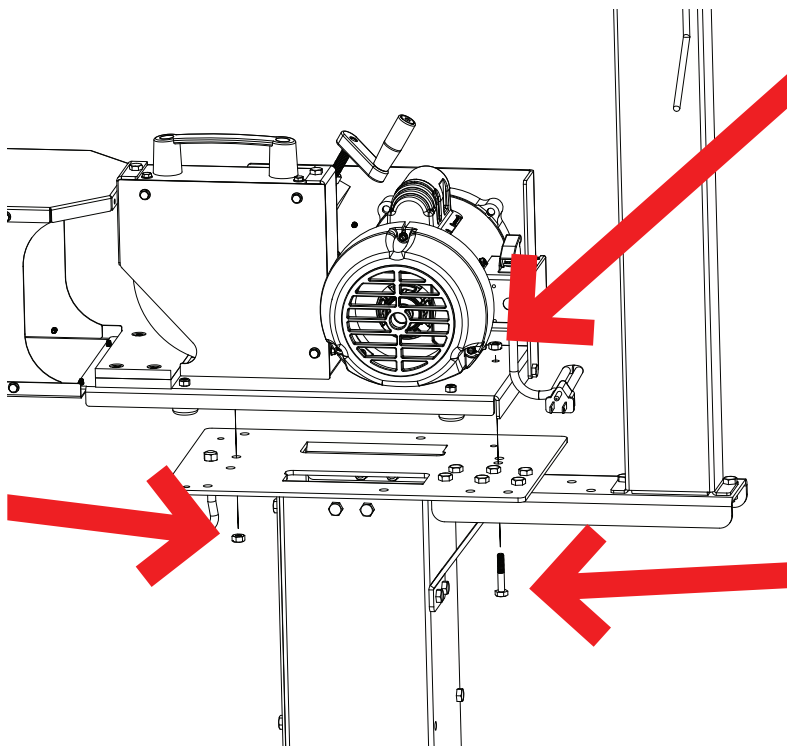
Tighten down the bolts until the rubber feet of the sharpener are slightly compressed.

***8100 and 8200 rubber foot placement
to help you align the mounting holes***

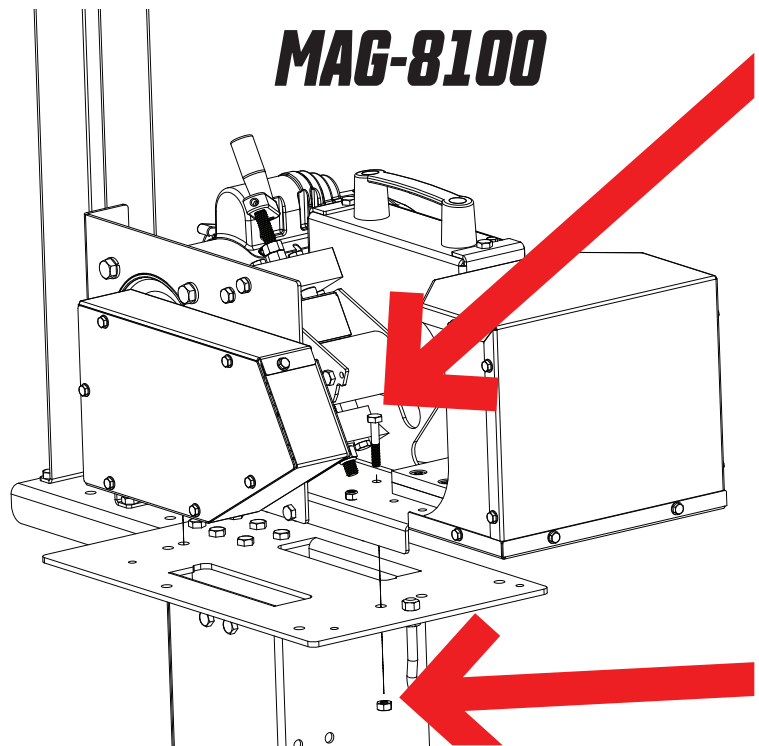


Overhead-View of Stand Table Top





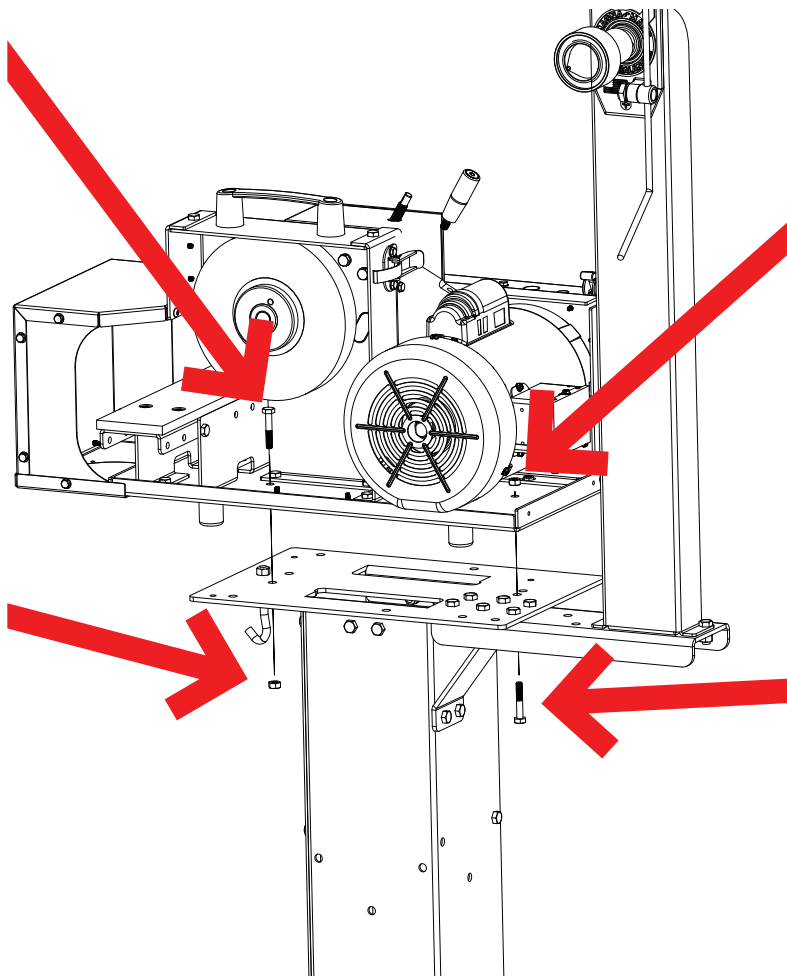
MAG-8100



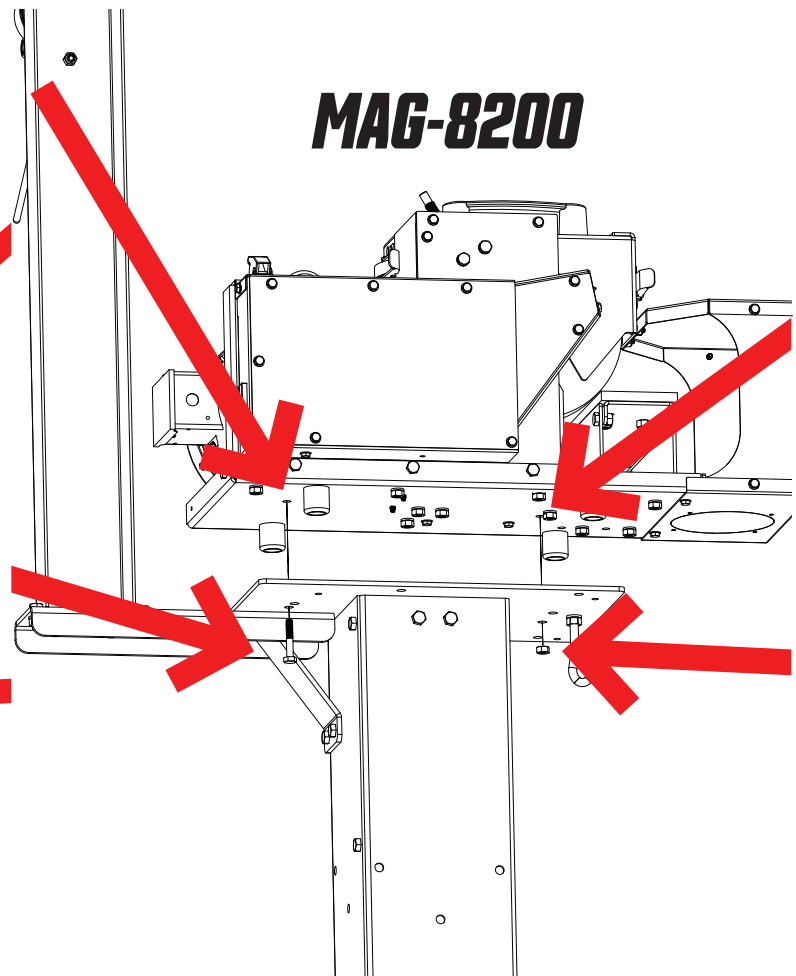
MOUNTING THE MAG-8100 & MAG-8200 MOWER BLADE SHARPENERS

MAG-8100 shown above. It is easiest to first drop the bolt down near the grinding wheel to get the location correct. Then bring the bolt up under the motor second.

MAG-8200 shown below follow the same procedure. Roughly locate the rubber feet to the drawing above, then start with the bolt under the grinding wheel first. Then bring the second bolt up from under the tabletop below the motor.

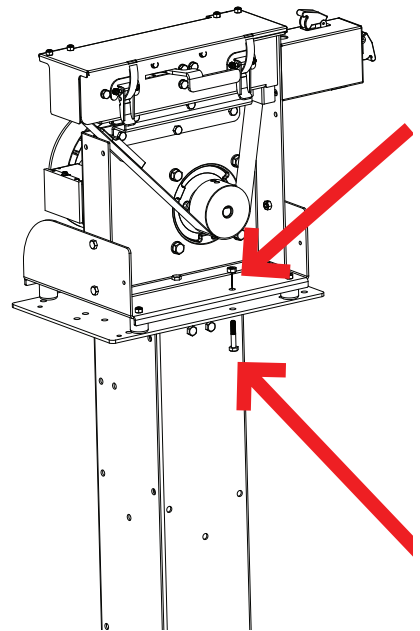
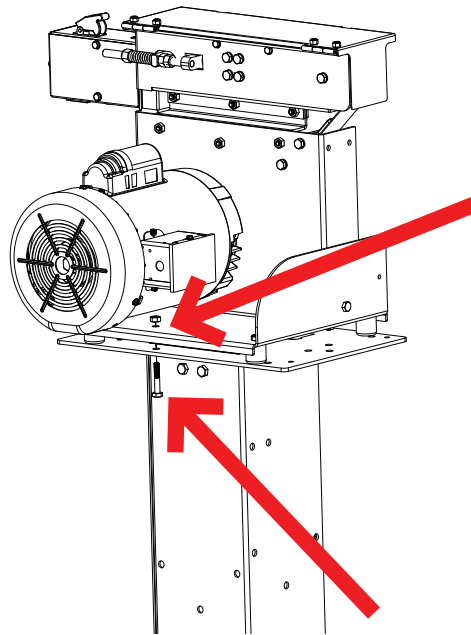


MAG-8200



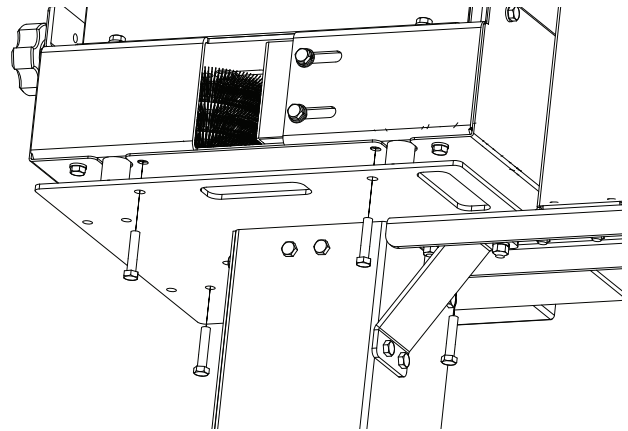
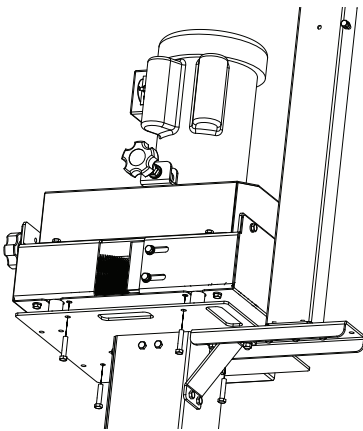
MOUNTING THE MAG-6000 HEDGE TRIMMER BLADE SHARPENER

Place the MAG-6000 on the stand tabletop. Use two 1/4-20 x 1.5" long bolts and 1/4-20 nuts to connect the MAG-6000 to the stand. Bring the bolt up through the bottom of the tabletop, and have the nut inside the MAG-6000. This needs to be done before you install the pulley cover on the MAG-6000.

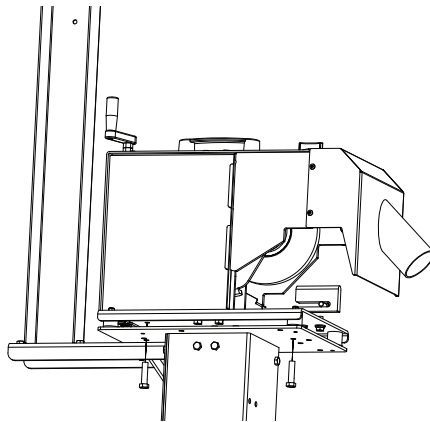
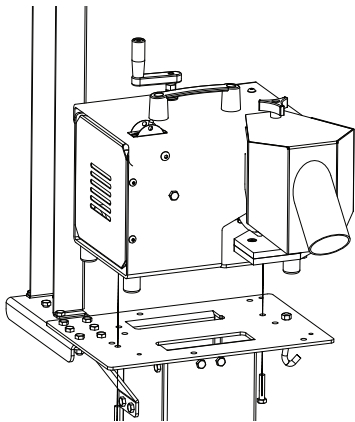


MOUNTING THE MAG-12008 BLADE CLEANER

Place the MAG-12008 on the stand, there are four threaded holes in the base of the MAG-12008. Insert 5/16" x 1.5" bolts through the tabletop into the four threaded holes.



LEGACY MOUNTING FOR MAG-8000 & MAG-9000 SHARPENERS



The image to the far left shows the MAG-9000 (red) mounting, it requires 5/16" x 1.5" hardware (not included). Place the MAG-9000 on the stand, there are two threaded holes in the base of the MAG-9000. Insert bolts through the tabletop into the two threaded holes. Tighten down the bolts until the rubber feet of the sharpener are slightly compressed.

Place the MAG-8000 (yellow) on the stand, there are two threaded holes in the base of the MAG-8000. Insert bolts through the tabletop into the two threaded holes. Tighten down the bolts until the rubber feet of the sharpener are slightly compressed.



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