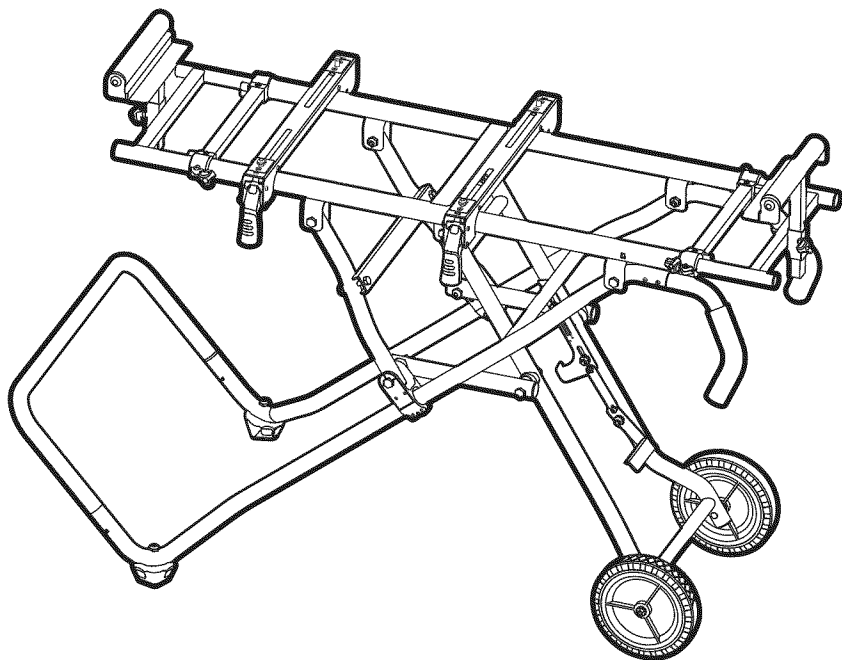


Operator's Manual

**CRAFTSMAN®**

## QUICK-LIFT GRAVITY STAND

Model No. 320.3760



**▲ WARNING:** To reduce the risk of injury, the user must read and understand the Operator's Manual before using this product.

**▲ WARNING:** To reduce the risk of injury, the user must always read and follow all instructions in the bench-top tool operator's manual before mounting the tool to this stand.

- WARRANTY
- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE
- ESPAÑOL

Sears Brands Management Corporation, Hoffman Estates,  
IL 60179 U.S.A.

[www.craftsman.com](http://www.craftsman.com)

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### **CRAFTSMAN ONE YEAR FULL WARRANTY**

FOR ONE YEAR from the date of purchase, this product is warranted against any defects in material or workmanship. A defective product will be replaced free of charge.

**For warranty coverage details to obtain free replacement, visit the web site: [www.craftsman.com](http://www.craftsman.com)**

This warranty is void if this product is ever used while providing commercial services or if rented to another person.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sears Brands Management Corporation, Hoffman Estates, IL 60179

This gravity stand has many features for making its use more pleasant and enjoyable. Safety, performance, and dependability have been given top priority in the design of this product, making it easy to maintain and operate.

**SAVE THESE INSTRUCTIONS!**

**READ ALL INSTRUCTIONS!**

**⚠ DANGER:** Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products, and
- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and the explanations with them deserve your careful attention and understanding. The symbol warnings do not, by themselves, eliminate any danger. The instructions and warnings they give are no substitutes for proper accident prevention measures.

## SAFETY SYMBOLS

**⚠ WARNING:** Be sure to read and understand all safety instructions in this Operator's Manual, including all safety alert symbols such as "**DANGER**," "**WARNING**," and "**CAUTION**" before using this stand. Failure to following all instructions listed below may result in electric shock, fire, and/or serious personal injury.

### SYMBOL SIGNAL MEANING

**SAFETY ALERT SYMBOL:** Indicates **DANGER**, **WARNING**, or **CAUTION**; may be used in conjunction with other symbols or pictographs.

**⚠ DANGER:** Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

**⚠ WARNING:** Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

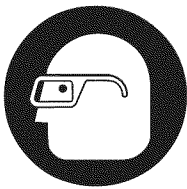
**⚠ CAUTION:** Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

### Damage Prevention and Information Messages

These inform the user of important information and/or instructions that could lead to equipment or other property damage if they are not followed. Each message is preceded by the word "NOTICE," as in the example below:

**NOTICE:** Equipment and/or property damage may result if these instructions are not followed.












**⚠ WARNING:** To ensure safety and reliability, all repairs should be performed by a qualified service technician.



**⚠ WARNING:** The operation of any power tools can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shield and a full face shield when needed. We recommend a Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always use eye protection that is marked to comply with ANSI Z87.1.

## SAVE THESE INSTRUCTIONS

Some of the following symbols may be used on this tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and more safely.

<b>SYMBOL</b>	<b>NAME</b>	<b>DESIGNATION/EXPLANATION</b>
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watt	Power
min	Minutes	Time
	Alternating Current	Type of current
	Direct Current	Type or a characteristic of current
$n_0$	No-load Speed	Rotational speed, at no load
	Class II Construction	Double-insulated construction
.../min	Per Minute	Revolutions, strokes, surface speed, orbits, etc., per minute
	Wet Conditions Alert	Do not expose to rain or use in damp locations.
	Read The Operator's Manual	To reduce the risk of injury, user must read and understand operator's manual before using this product.
	Eye Protection	Always wear safety goggles or safety glasses with side shields and a full face shield when operating this product.
	Safety Alert	Precautions that involve your safety.
	No-Hands Symbol	Failure to keep your hands away from the blade will result in serious personal injury.
	No-Hands Symbol	Failure to keep your hands away from the blade will result in serious personal injury.
	No-Hands Symbol	Failure to keep your hands away from the blade will result in serious personal injury.
	No-Hands Symbol	Failure to keep your hands away from the blade will result in serious personal injury.
	Hot Surface	To reduce the risk of injury or damage, avoid contact with any hot surface.

# SAFETY INSTRUCTIONS

## GENERAL SAFETY RULES

**⚠ WARNING:** Read and understand all instructions. Failure to follow all instructions in this Operator's Manual may result in electric shock, fire, and/or serious personal injury.

**Save all warnings and instructions for future reference.**

## READ AND SAVE THESE INSTRUCTIONS

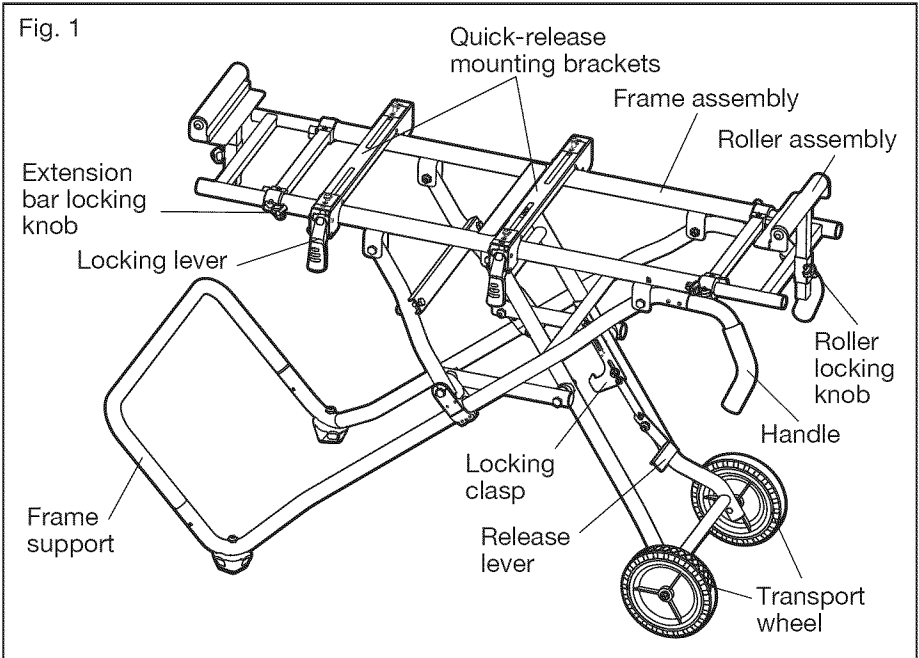
**⚠ CAUTION:** Do not modify or use this stand for any application other than that for which it was designed.

- **Know your accessory.** Read the operator's manual carefully. Learn the product's applications and limitations, as well as the specific potential hazards related to this product.
- **Keep the work area clean.** Cluttered work areas and work benches invite accidents. Do not leave tools or pieces of wood on the saw while operating it.
- **Always wear eye protection with side shields marked to comply with ANSI Z87.1.** Failure to do so could result in objects being thrown into your eyes, possibly resulting in serious injury.
- **Do not use this product with other equipment** or for other purposes.
- **Always disconnect the saw from the power supply before assembling this kit.** Make sure the switch is off when reconnecting the saw to a power supply.
- **Before making a cut, be sure that all adjustments are secure.**
- **Always get help if you need to lift the stand.** When lifting, hold the stand close to your body. Bend your knees so you can lift with your legs, not your back.
- **When hauling the stand in a vehicle,** securely tie it down to prevent movement and possible damage.
- **Never** put the stand where operators or bystanders are forced to stand with any part of their body in line with the path of the saw blade.
- **Never stand on the stand.** Serious injury could occur if the stand tips or you accidentally hit the cutting tool. Do not store any items above or near the stand where anyone might climb on the stand to reach them.
- **Maximum combined weight of saw and workpiece must not exceed 300 lbs.**
- **Always mount a miter saw** so that the workpiece is positioned in-line with the work supports.
- **Prior to use, check to make sure the stand does not rock, slide or move.**
- **Put the stand on a firm level surface** where there is plenty of room to handle and properly support the workpiece.

- **Always** move the mounted saw to the wheeled end of the stand and ensure that the saw mounting brackets are securely locked. prior to transporting or folding the unit.
- **Save these instructions.** Refer to them frequently and use them to instruct other users. If you lend this product to someone, also lend these instructions.

## DESCRIPTION

### KNOW YOUR QUICK-LIFT GRAVITY STAND (Fig. 1)



PRODUCT SPECIFICATIONS	
Height	34 in.
Extended Width	86 in.
Maximum Load Capacity	300 lb.
Weight	55 lb.

### QUICK-RELEASE MOUNTING BRACKETS

The quick-release mounting brackets make it easier to attach and remove miter saws from the gravity stand.

## EXTENSION BAR

The extension bar can be adjusted for use with long workpieces.

## TRANSPORT WHEELS

8" diameter wheels for ease of mobility including up and down stairs.

## ASSEMBLY

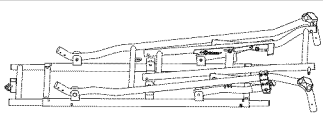


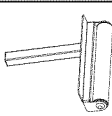
**▲ WARNING:** If any parts are broken or missing, do not attempt to operate the stand until the broken or missing part is replaced. Failure to do so could result in possible serious injury.

**▲ WARNING:** Do not attempt to modify this stand or create accessories not recommended for use with this stand. Any such alteration or modification is misuse and could result in a hazardous condition leading to serious injury.







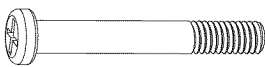

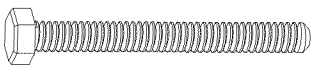




## UNPACKING

- Carefully remove all the parts and accessories from the carton. Make sure that all items listed in the packing list are included.
- Inspect the stand carefully to make sure that no breakage or damage occurred during shipping.
- Do not discard the packing material until you have assembled, carefully inspected and satisfactorily operated the stand.
- If any parts are damaged or missing, please return the stand to the place of purchase.

## PACKAGE CONTENTS AND HARDWARE

Item	Image	Description	Qty
A		Frame assembly with legs	1
B		Quick-release mounting bracket	2
C		Handle	2
D		Roller assembly	2

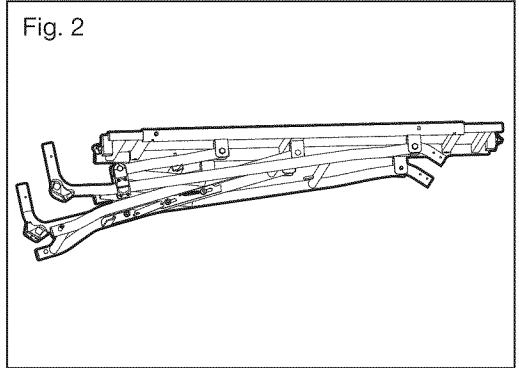


E		Transport wheel	2
F		Frame support	1
G		Wheel-locking nut [M8] (mounted on the stand)	2
H		Wheel-locking inner washer [ID13mm x OD24mm] (mounted on the stand)	2
I		Wheel-locking outer washer [ID9mm x OD18mm] (mounted on the stand)	2
J		Locking knob (mounted on the stand)	4
K		Locking bolt [M5 x 37mm] (mounted on the stand)	6
L		Locking nut [M5] (mounted on the stand)	6
M		Miter-saw mounting bolt [5/16-18NC]	4
N		Miter-saw mounting washer [ID9mm x OD18mm]	4
O		Miter-saw spring washer [ID9mm x OD14mm]	4
P		Leg-locking bolt [M10 x 50mm]	2
Q		Leg-locking nut [M10]	2

**⚠ WARNING:** Do not use this tool for scaffolding or as a ladder. Make sure to tighten all locking knobs securely prior to use, Maximum capacity is 300 lbs.

### ASSEMBLE THE LEGS WITH THE FRAME

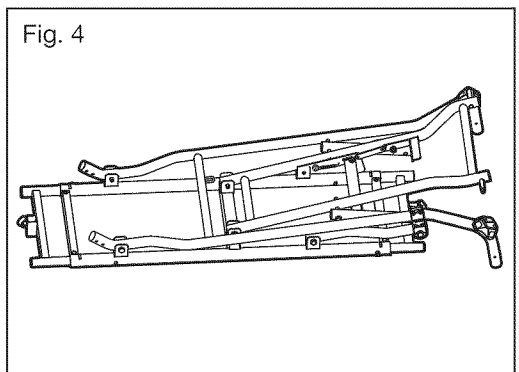
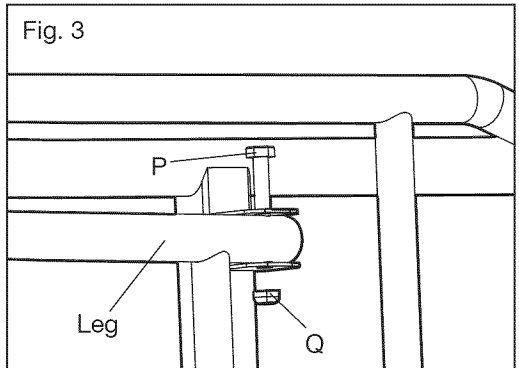
1. Place the frame assembly on its side on a flat surface as shown in Fig. 2.
2. Align the holes on the legs with the holes on the frame.
3. Slide the leg-locking bolts (P) through the holes, place the leg-locking nuts (Q) on the bolts and tighten them with two wrenches (not supplied) (Fig. 3).



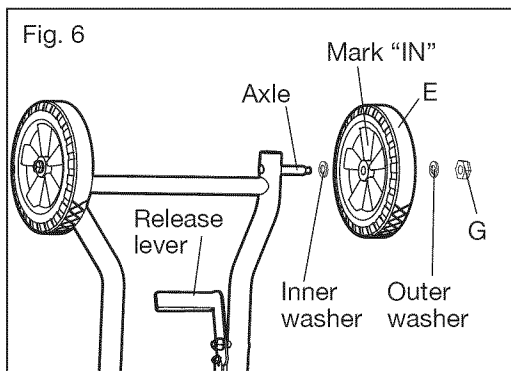
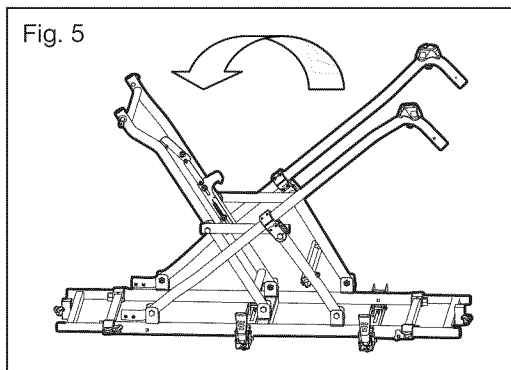
### INSTALL THE WHEELS

Wheels are provided to assist in moving the gravity stand to the desired location.

1. Place the frame assembly with legs upside-down on a flat surface, as shown in Fig. 4.



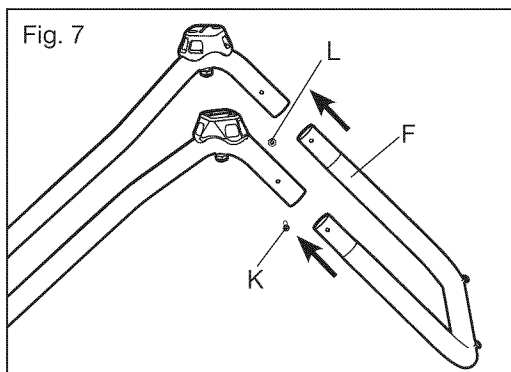
2. Release the legs by depressing the release lever (Fig. 6). Rotate the leg until the locking clasp snaps into the hook and you hear a “click” to signal that the legs are locked in place (Fig. 5).
3. Extend the axle through the wheel-locking inner washer, wheel, and wheel-locking outer washer. See Fig. 6. Make sure that the mark “IN” on the wheel faces the wheel-locking inner washer on the axle.
4. Tighten the wheel-locking nut (G).
5. Repeat steps 3-4 for the other wheel.



### INSTALL THE FRAME SUPPORT (Fig. 7)

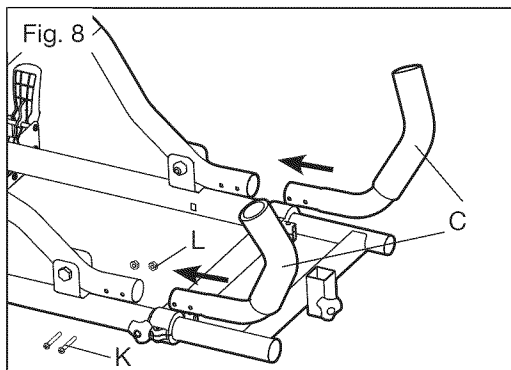
Install the frame support on the end of the frame opposite the wheels.

1. Insert the frame support (F) into the frame as shown in Fig. 7.
2. Align the holes on the frame support with the holes on the frame.
3. Insert the locking bolt (K) through the holes so that the bolts extend up through the frame and the frame support.
4. Place the locking nut (L) onto the bolt and tighten with a wrench and a Philips screwdriver (not supplied).



## ATTACHING THE HANDLES (Fig. 8)

1. Insert the handle (C) into the frame.
2. Align the holes on the handle with the holes on the frame.
3. Insert the locking bolts (K) through the holes in the handle and the frame.
4. Place the locking nut (L) onto the bolt and tighten with a wrench and a Philips screwdriver (not supplied).
5. Repeat steps 1-4 for the other handle.



## MOUNTING A MITER SAW ONTO THE QUICK-RELEASE BRACKETS

**⚠ WARNING:** Failure to unplug the tool before attaching it to the stand could result in accidental starting and serious personal injury.

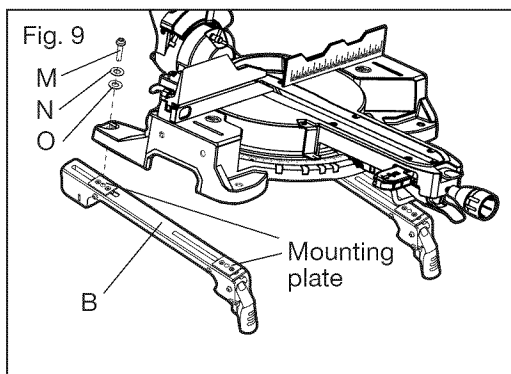
**⚠ WARNING:** To avoid serious personal injury, always make sure that miter saws are fully supported and securely attached to a level work surface. If necessary, move the stand to a location where it will be more stable.

**⚠ WARNING:** Do not mount a table saw on this stand. The direction of feed on a table saw is perpendicular the axis of stability on this stand. Aggressive feeding of sheet materials into a table saw could cause the stand to tip over.

1. Align the holes on the miter saw with the holes of the mounting plates.

**NOTICE:** The mounting plate can be moved freely in the slot of the bracket to fit the size of the miter saw.

2. Mount your miter saw to the quick-release mounting brackets (B) using the miter-saw mounting bolts (M), miter-saw mounting washers (N), and spring washers (O) (Fig. 9).



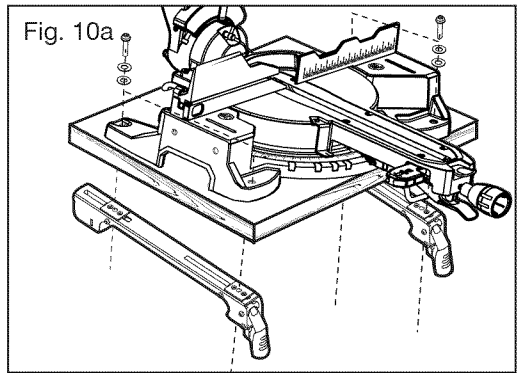
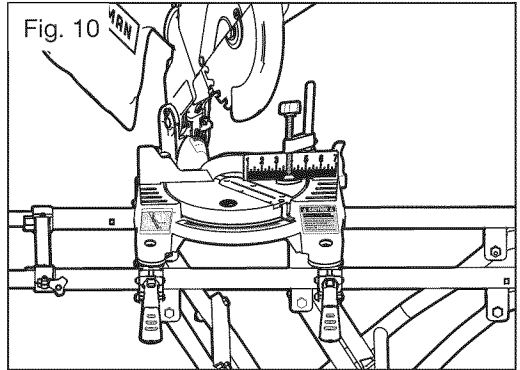
3. With the miter saw mounted on the quick-release mounting brackets, place the assembly onto the stand (Fig. 10).

**If the saw has holes that do not line up with the slots in the saw mounting brackets (Fig. 10a):**

1. Disconnect the saw from power supply and lock the saw arm in the “down” position.
2. Mount the saw to a mounting surface, such as a plywood board, that is at least 1/2 in. thick, using bolts, washers, and nuts.

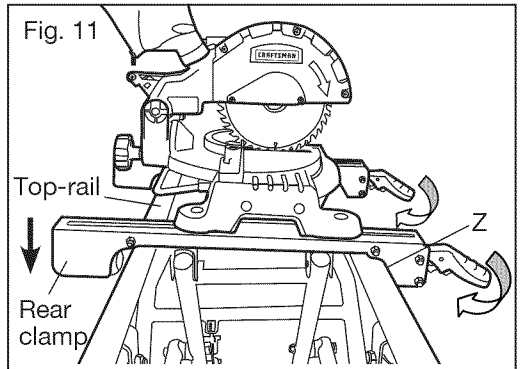
**NOTICE:** The mounting surface and the bolts, washers and nuts are not supplied.

3. Drill holes in the mounting surface to match the position of the slots in the quick-release mounting brackets.
4. Proceed with mounting the saw to the quick release brackets and placing the assembly onto the stand as previously described.



## INSTALLING THE QUICK-RELEASE MOUNTING BRACKETS

1. Make sure that the lock levers are in the unlocked position.
2. Lift the quick-release mounting bracket assembly.
3. Position the area designated “Z” in Fig. 11 on the frame assembly.
4. Lower the mounting bracket assembly to allow the rear clamp of the mounting bracket to seat fully over the top-rails of the frame assembly.



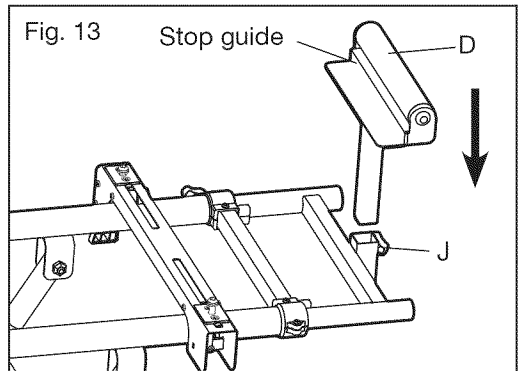
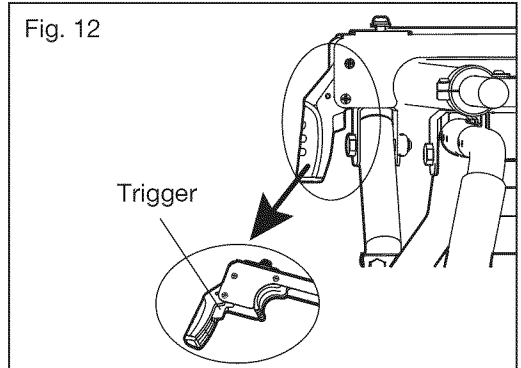
5. Lock the bracket in position by lowering the locking levers. You will hear a “click” to signal that the bracket is locked in place.

## TO REMOVE THE QUICK-RELEASE MOUNTING BRACKETS FROM THE QUICK-LIFT GRAVITY STAND

1. Squeeze the trigger and lift the locking lever to unlock the mounting brackets assembly (Fig. 12).
2. Remove the brackets.

## MOUNTING THE ROLLER ASSEMBLIES

1. Insert the roller assemblies (D) into the mounting slots (Fig. 13).
2. Adjust the height of the roller assemblies (D) as needed.
3. Lock the roller assembly in position by tightening the locking knob (J).
4. A roller assembly may also be used as a stationary stop guide for repetitive cuts.



## ROLLER OPERATION

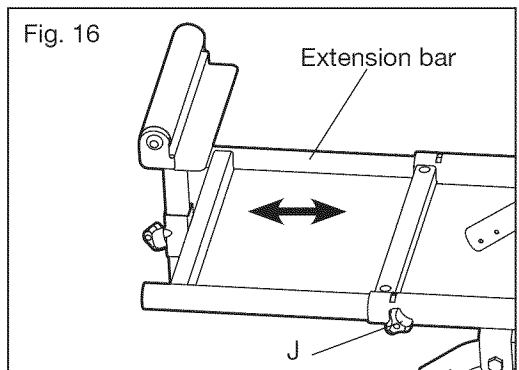
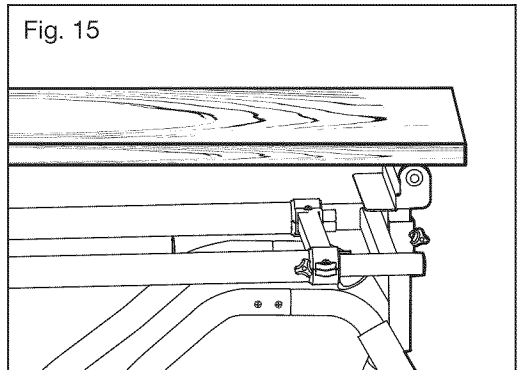
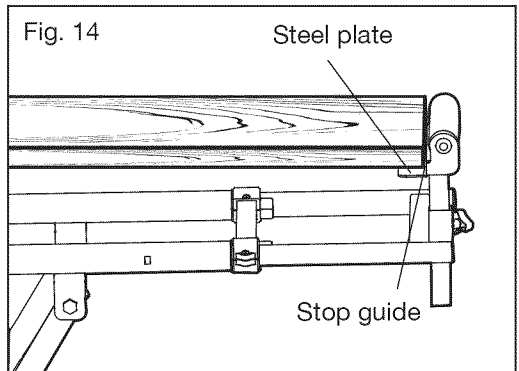
When working on a long workpiece, the extension bars and rollers are needed.

The roller can be used as a stationary stop guide or a single directional roller.

- When using the roller as stop guide, place the workpiece on the steel plate; the roller assembly works as a stop guide to cut the workpieces to the length required (Fig. 14).
- When using the roller assembly as a single roller, place the workpiece on the roller for convenient operation (Fig. 15).

## ADJUSTING THE EXTENSION BARS (Fig. 16)

1. Extend the extension bar to the required position to properly support the workpiece.
2. Fully tighten the extension-bar locking knob (J).



## TRANSPORTING THE QUICK-LIFT GRAVITY STAND

**⚠ WARNING:** Before transporting your stand, always fully tighten all mounting bolts and nuts. Failure to do so could result in serious personal injury.

1. Remove any workpieces, clamps, or other accessories from the saw.

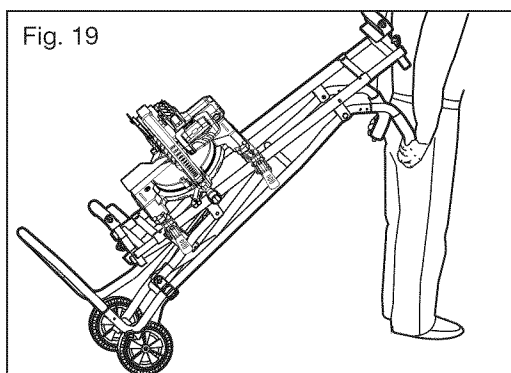
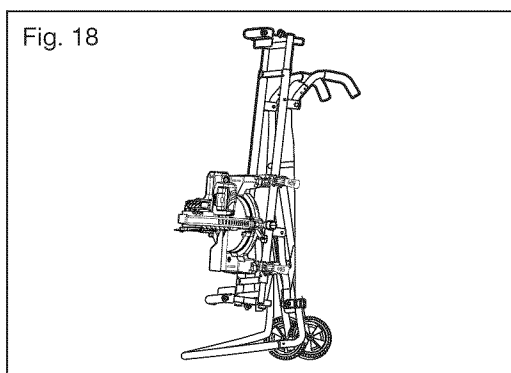
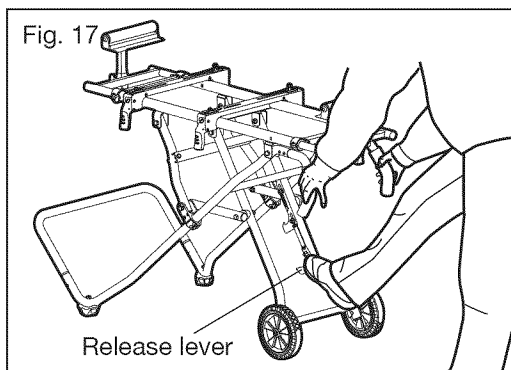
**NOTICE:** If a miter saw is assembled on the stand, make sure to place the blade 90° to the table (if applicable), miter the blade to the right as far as it will go, lock the saw head in the lower position, and lock all knobs and levers.

2. Retract the extension bars and the roller assemblies.
3. To fold the stand, stand at the wheel end to grasp the handles, step on the release lever (Fig. 17), and lift the handles up and away from your body until the stand rests on both the wheels and the frame support. You will hear a “click” to signal that the legs are locked in place. This is the vertical closed position (Fig. 18).

**⚠ WARNING:** To avoid serious personal injury when raising the front of the stand, bend your knees so you can lift with your legs, not your back.

**⚠ WARNING:** Use the handles to raise the stand. Do not raise by any part of the miter saw that is attached to the stand. Failure to heed this warning may result in serious personal injury and damage the tool.

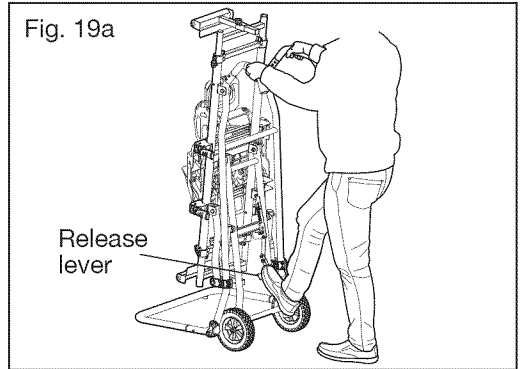
4. Transport the gravity stand as shown in Fig. 19.





## QUICK-LIFTING THE STAND

1. Stand at the wheel side of the frame assembly and grasp the handles.
2. Step on the release lever and pull the handles toward you at the same time. (Fig. 19a)
3. Ease the frame assembly toward the floor by pushing the handles toward the floor until the locking clasp snaps into the hook and you hear a “click” to signal that the legs are locked in place.



## MAINTENANCE

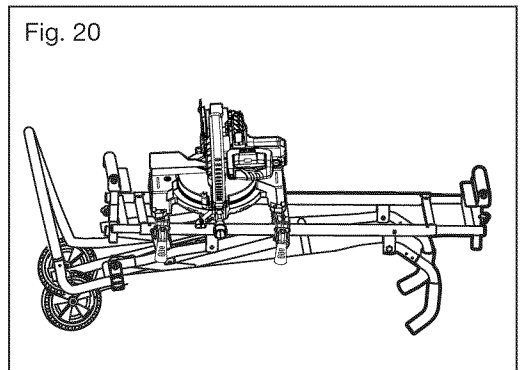
### GENERAL MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean clothes to remove dirt, dust, oil, grease, etc.

**▲ WARNING:** When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

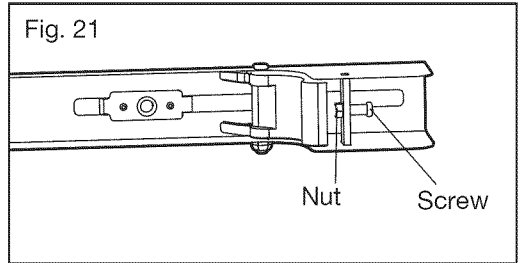
**▲ WARNING:** Keep the gravity stand dry, clean, and free from oil and grease. Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum based products or any strong solvent to clean the stand. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

**▲ CAUTION:** The gravity stand should be stored on a stable flat surface in vertical or horizontal closed position. If the stand will not remain upright, store it in the horizontal closed position (Fig. 20). Failure to do so may result in the stand falling, resulting in injury or damage to stand and/or the saw.



## ADJUSTING THE QUICK-RELEASE MOUNTING BRACKETS (Fig. 21)

If the saw and bracket assembly can slide over the top rails or be removed from the top rails when the levers are locked, the bracket adjustment screws need to be tightened. If the saw and bracket assembly will not fit over the top rails, the bracket adjustment screw needs to be loosened.



**⚠ WARNING:** The saw should be removed from the mounting brackets before attempting to tighten or loosen the bracket adjustment screws.

1. Use a wrench to slightly loosen the nut clockwise.
2. Turn the screw with an inner hex wrench clockwise if the bracket assembly needs to be tightened or counterclockwise if the bracket assembly needs to be loosened.

**NOTICE:** If the locking lever on quick-release mounting bracket cannot easily be pushed down into the closed position, the adjustment screw is too tight. Do not force locking lever into the closed position. Loosen the adjustment screw.

3. Install the bracket on the stand.

**NOTICE:** The mounting bracket should fit snugly over the top rails when in the open position. When the correct position is achieved, wrench-tighten the nut to secure.

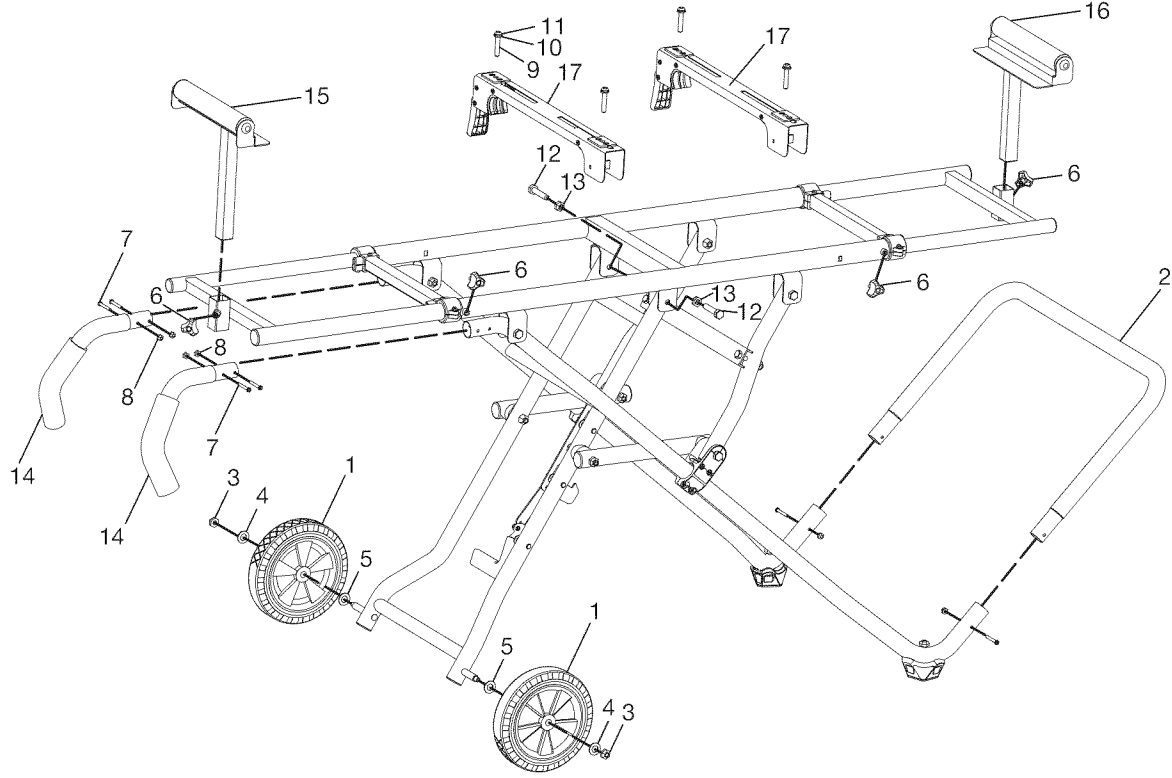
4. Repeat with the second mounting bracket.

## PART LIST

### CRAFTSMAN QUICK-LIFT GRAVITY STAND MODEL NO. 320.3760

The Model Number will be found on the Nameplate attached to the frame of the gravity saw stand. Always mention the Model Number when ordering parts for this tool.

To order parts, call 1-800-469-4663.



## PART LIST

### CRAFTSMAN QUICK-LIFT GRAVITY STAND MODEL NO. 320.3760

The Model Number will be found on the Nameplate attached to the frame of the gravity saw stand. Always mention the Model Number when ordering parts for this tool.

To order parts, call 1-800-469-4663.

No	Part No	Part Name	QTY
1	0000401302R	Transport wheel	2
2	0000400302R	Frame support	1
3	41107A006R	Wheel-locking nut	2
4	41201A211R	Wheel-locking inner washer	2
5	41201A210R	Wheel-locking outer washer	2
6	0000400208R	Locking knob	4
7	41013A043R	Bolt	6
8	41107A003R	Nut	6
9	0000400804R	Miter-saw mounting bolt	4
10	41201A210R	Miter-saw mounting washer	4
11	0000400906R	Miter-saw spring washer	4
12	41001A056R	Leg-locking bolt	2
13	41107A004R	Leg-locking nut	2
14	0000400303R	Handle	2
15	A000400901R	Left Fence Assembly	1
16	A000400902R	Right Fence Assembly	1
17	A000402901R	Quick-release mounting bracket assembly	2