

SawStop®

10" CONTRACTOR SAW

OWNER'S MANUAL

Models CNS175, CNS175-AU



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available at www.sawstop.com.

The saw on the front cover is shown with the optional
Contractor Fence Assembly. Your saw may look different.

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To Our Customers

Thank you for purchasing a **SawStop®** contractor saw! Your saw includes our revolutionary, award-winning safety system that tells the difference between cutting wood and cutting a person. If you ever accidentally contact the moving blade, the safety system will detect that contact and stop the blade in milliseconds to minimize any injury.

This manual tells you more about your contractor saw and how to operate and maintain it. Please read the manual carefully. The manual also includes our warranty and important safety information.

Again, thanks for purchasing a **SawStop®** contractor saw. We are confident you will be pleased with its performance. If you ever have any questions or comments, feel free to contact us at the address below.

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Warranty

SawStop warrants to the original retail purchaser of a new contractor saw from an authorized SawStop distributor that the saw will be free from defects in material and workmanship for ONE YEAR from the date of purchase. SawStop warrants to the original retail purchaser of a refurbished, demonstration or floor model contractor saw from an authorized SawStop distributor that the saw will be free from defects in material and workmanship for SIX MONTHS from the date of purchase.

This warranty does not apply to defects arising from misuse, abuse, negligence, accidents, normal wear-and-tear, unauthorized repair or alteration, or lack of maintenance. This warranty is void if the saw or any portion of the saw is modified without the prior written permission of SawStop, LLC, or if the saw is located or has been operated outside of the country where the authorized SawStop distributor from whom the saw was purchased resides.

Please contact SawStop to take advantage of this warranty. If SawStop determines the saw is defective in material or workmanship, and not due to misuse, abuse, negligence, accidents, normal wear-and-tear, unauthorized repair or alteration, or lack of maintenance, then SawStop will, at its expense, and upon proof of purchase, send replacement parts to the original retail purchaser necessary to cure the defect. Alternatively, SawStop will repair the saw provided it is returned to SawStop, shipping prepaid, with proof of purchase and within the warranty period.

SawStop disclaims any and all other express or implied warranties, including merchantability and fitness for a particular purpose. SawStop shall not be liable for death, injuries to persons or property, or incidental, consequential, contingent or special damages arising from the use of the saw.

This warranty gives you specific legal rights. You may have other rights which, in the United States, vary from state to state.

No Warranty of Safety

It is important to understand that the braking technology in SawStop table saws ***does not prevent contact with the blade—it minimizes the effect of the contact***. If you do contact the blade, the braking technology will stop the blade, and in most cases there will be no injury or only a small nick. However, you may incur a serious injury on a SawStop saw depending on factors such as the speed and direction your hand is moving when it contacts the blade and the type of blade you are using. Also, if you decide to use the saw in Bypass Mode, the safety system will be disabled and will not activate in the event you contact the spinning blade.

If You Have an Accident

We at SawStop hope you never have an accident with your saw, and strongly encourage you to always follow safe practices and to use all the safety equipment provided with this saw. However, if you ever accidentally contact the spinning blade, the safety system will detect that contact and stop the blade within milliseconds to minimize any injury. If this happens, please contact us with information regarding the accident because it is very important to our on-going research and development. The more we know about what happens during an accident, the better we are able to ensure that the safety system will react as quickly as possible in all accident situations. In addition, the brake cartridges store electronic data measured during an accident. If you return the activated cartridge to SawStop, we can retrieve that data to learn how the electronics and software performed. If we confirm that your cartridge activated due to skin contact, we will send you a free replacement cartridge. Thanks for your help.

Safety

A table saw is a dangerous tool and there are hazards inherent with using this saw. Some of these hazards are discussed below. Use common sense when operating the saw and use the saw only as instructed. **You are responsible for your own safety!**



WARNINGS

1. Read and understand the instruction manual and all safety warnings before operating this saw. Failure to follow instructions or heed warnings may result in electric shock, fire, serious personal injury or property damage. Save these instructions and refer to them whenever necessary.
2. **⚠️ WARNING:** This product can expose you to chemicals including wood dust, which is known to the State of California to cause cancer. This exposure can come from drilling, sawing, sanding or machining wood products. For more information go to www.P65Warnings.ca.gov/wood. In addition, some types of dust created by sawing, sanding, grinding, drilling, and other construction activities also contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are lead from lead-based paints, crystalline silica from bricks, cement, and other masonry products, and arsenic and chromium from chemically treated lumber. In addition, wood dust has been listed as a known human carcinogen by the U.S. government. The risk from exposure to these chemicals and to dust varies depending on how often you do this type of work. To reduce your exposure, work in a well ventilated area and work with approved safety equipment including dust masks or respirators designed to filter out such dust and chemicals.
3. **This saw must be connected to a grounded wiring system** or to a system having an equipment-grounding conductor. In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This saw is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances. Do not modify the plug provided - if it will not fit the outlet; have the proper outlet installed by a qualified electrician. Improper connection of the equipment-grounding conductor can result in a risk of electric shock and/or malfunction. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.

Check with a qualified electrician or service personnel if the grounding instructions are not completely understood or if in doubt as to whether the saw is properly grounded. Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the saw's plug. Repair or replace a damaged or worn cord immediately.

4. **Use a proper extension cord** and make sure that it is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your saw will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. For a cord length of up to 25 feet, use a cord of 12 gauge. For a cord length of 25 to 50 feet, use a cord of 10 gauge. A cord length over 50 feet is not recommended for 110-120V power. If in doubt, use the next heavier gauge. The smaller the gauge number the heavier the cord.

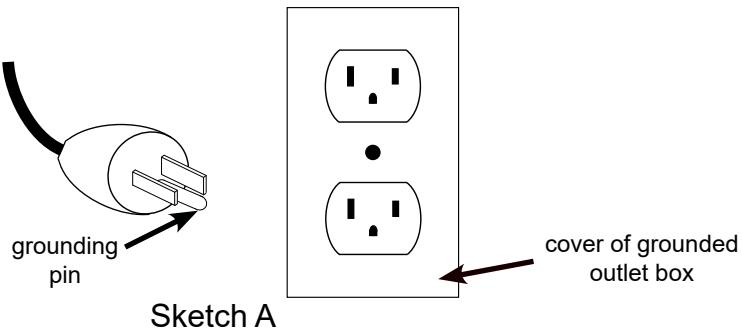
Minimum Extension Cord Gauge
for 110-120V

Length	Gauge
0 - 25 Feet	12 AWG
25 - 50 Feet	10 AWG
over 50 Feet	Not Recommended

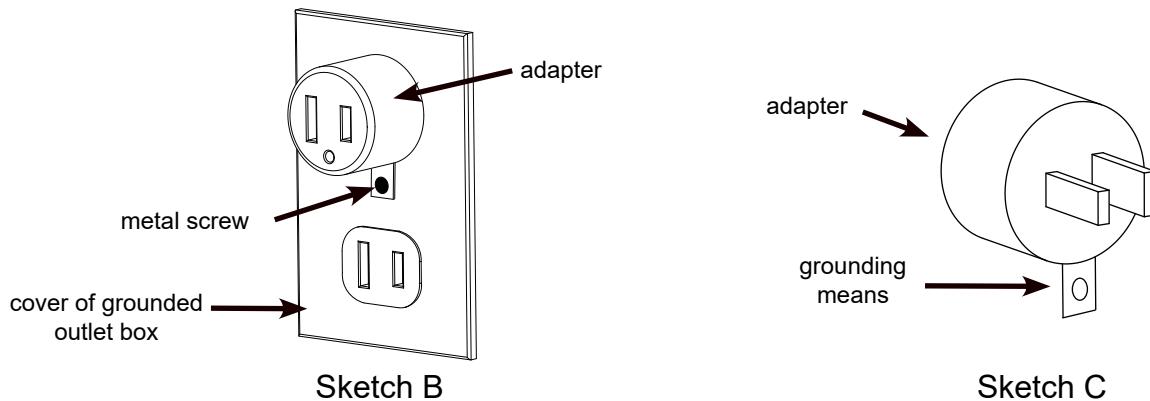
Safety

! WARNINGS

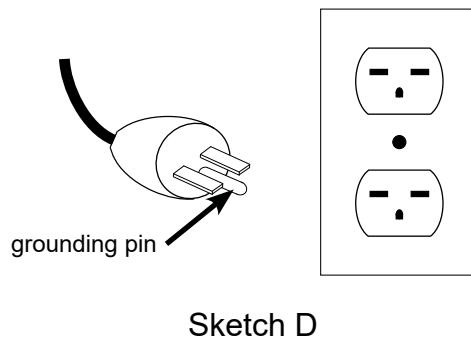
5. The contractor saw in its standard configuration is intended for use on a 110-120V supply circuit that has an outlet that looks like the one illustrated in Sketch A below.



A temporary adapter, which looks like the adapter illustrated in Sketch B and C, may be used to connect this plug to a 2 pole receptacle as shown in Sketch B if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician. This adapter is not permitted in Canada. The green-colored rigid ear, lug, and the like, extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box.



6. A contractor saw that has been re-wired for 208-240V power is intended for use on a circuit that has an outlet that looks like the one illustrated in Sketch D. The saw has a grounding plug that looks like the plug illustrated in Sketch D. Make sure the saw is connected to an outlet having the same configuration as the plug. No adapter is available or should be used with this saw. If the saw must be reconnected for use on a different type of electric circuit, the reconnection should be made by qualified service personnel; and after reconnection, the saw should comply with all local codes and ordinances.



Safety



WARNINGS

7. Keep children away from the saw. All visitors should be kept at a safe distance from the work area. Make the workshop kid-proof with padlocks, master switches, or by removing starter keys.
8. Do not use the saw in dangerous environments. For example, do not use the saw in damp or wet locations or expose it to rain, and keep the work area well lighted.
9. Check to make sure the saw is in proper working order before using the saw. For example, check the alignment of moving parts, look to see whether moving parts are binding or rubbing, check to see whether parts are broken, make sure accessories are properly mounted in the saw, and check any other conditions that may affect the operation of the saw. A guard or other part that is damaged should be properly repaired or replaced.
10. Keep guards in place and in working order. Never operate the saw with the belt guard open.
11. Wear eye protection. Always wear safety glasses when using the saw. Everyday eyeglasses are not safety glasses. Also use a face or dust mask if the cutting operation is dusty.
12. Wear proper apparel when using the saw. Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Non-slip footwear is recommended. Wear a protective hair covering to contain long hair.
13. You must install a rip fence before using this saw. Attempting to use the saw for rip cutting without the rip fence could result in serious personal injury.
14. Reduce the risk of unintentional starting by making sure the power switch is in the OFF position before plugging in the saw. Also, remove adjusting wrenches from the saw before turning it on.
15. Keep hands out of the line of the saw blade. Never reach around or over the saw. Do not overreach or stretch to get something when using the saw. Keep proper footing and balance at all times.
16. Never stand on the saw. Serious injury could occur if the saw is tipped or if the cutting tool is unintentionally contacted.
17. Feed work into the blade against the direction of rotation of the blade only. Feeding the work in the direction of rotation may cause the work to be thrown by the blade and could result in serious personal injury.
18. Do not perform any operation freehand. Freehand means not using a fence (for rip cuts) or a miter gauge (for cross-cuts) to guide the work piece as it is being cut. Always maintain firm control over the material being cut.
19. Use a blade guard and spreader for every operation for which it can be used, including all through sawing. Use a push stick when required.
20. Secure your work. Use clamps or a vise to hold work when practical. It's safer than using your hand and it frees both hands to operate tool.
21. Pay particular attention to instructions on reducing the risk of kickback. Kickback occurs when a work piece contacts the downstream edge of the blade as it is being cut and is propelled back towards the user at high velocity.

Safety



WARNINGS

22. Don't force the tool; it will do the job better and safer at the rate for which it was designed. For example, do not try to cut wood faster than the motor can handle.
23. Use the right tool. Do not try to force the saw to do something it was not designed to do. Don't force a tool or attachment to do a job for which it was not designed. Use the right blade for the job.
24. Never leave the saw running unattended. Wait until the blade comes to a complete stop and then turn the main power switch to *OFF* and unplug the power cord when you are finished using the saw.
25. Turn the main power switch to *OFF* and unplug the power cord before servicing the saw and when changing components or accessories such as blades, brake cartridges, and the like.
26. Maintain the saw as specified in this manual. Keep tools sharp and clean for best and safest performance. Follow instructions for lubrication and changing accessories.
27. Use only recommended accessories with the saw. Consult this manual for recommended accessories. The use of improper accessories may cause risk of injury. When servicing, use only identical replacement parts.
28. Keep the top of the saw clean and free from clutter. Cluttered areas invite accidents.

Warning Labels

Warning labels are mounted on the left side of the saw, on the switch box, on the belt guard, and on the blade guard. Some of the warnings on those labels may be additional to the warnings listed above. Be sure to read the warning labels before using the saw. Copies of the English text of the warning labels are reproduced below:

⚠ WARNING

To avoid loss of SawStop protection during coast down, do not turn off Main Power until blade has stopped spinning.

⚠ WARNING

For your own safety, read the instruction manual before operating this saw.

1. Wear eye protection.
2. Use the blade guard and spreader for every operation for which it can be used, including all through sawing.
3. Keep hands out of the line of the saw blade.
4. Use a push-stick when required.
5. Know how to reduce the risk of kickback.
6. Do not perform any operation freehand.
7. Never reach around or over the saw blade.
8. Never try to test fire the brake system.
9. Never adjust the position of the brake cartridge while the blade is spinning.
10. Do not try to disable the brake system.
11. Unplug the saw before changing the blade, changing the brake cartridge or servicing.
12. Do not connect the motor directly to a power supply.
13. Use the bypass switch only when necessary.
14. Do not expose to rain or use in damp locations.
15. Do not put your hands inside or underneath the cabinet while the blade is spinning.
16. Do not unplug or disconnect the saw from electrical power before the blade has stopped spinning.

Do not remove the dust shroud because the blade will be exposed. If you contact the blade under the table, the blade may retract toward you and cause a severe injury.

⚠ WARNING



Moving belts and parts can pinch, cut or crush.

Do not operate with belt guard open.

The SawStop® Safety System

This contractor saw is equipped with the SawStop® safety system. This revolutionary technology was developed to reduce the potential for a serious injury in the event of accidental contact with the saw blade. SawStop® saws are the only saws smart enough to know the difference between you and the wood you are cutting.

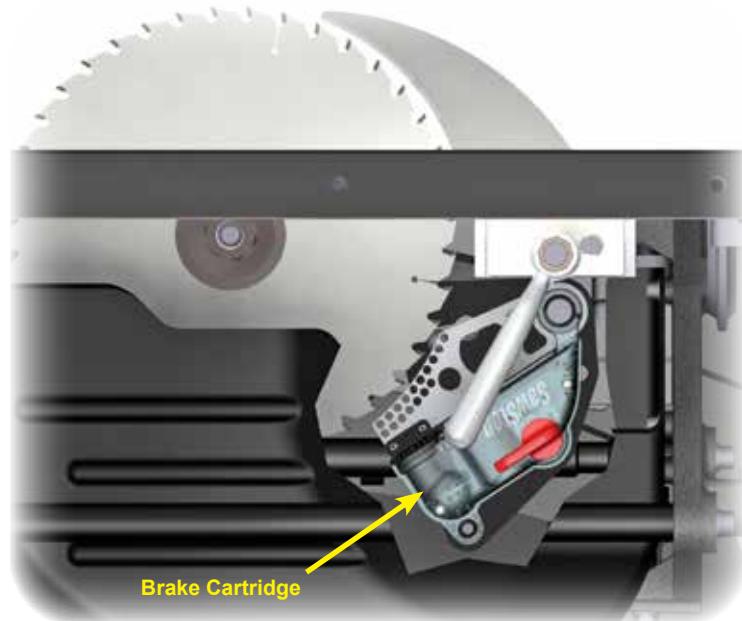
The SawStop® safety system includes two components, an electronic detection unit and a fast-acting brake. The electronic detection unit detects when a person contacts the blade. A small electrical signal is induced onto the blade by electrodes placed around the arbor. Although this low voltage, high frequency signal is too small to feel, it can be measured by the detection system. When human skin comes into contact with the blade (or arbor), a portion of the signal is absorbed by the body due to the inherent electrical capacitance of the human body. As a result, the signal on the blade gets smaller and the detection unit recognizes this as contact.

Wood and other non-conductive materials such as plastic, foam, cardboard, Corian®, melamine, etc., do not cause a drop in the signal because those materials do not absorb the signal on the blade. Conductive materials such as aluminum and other metals, carbon fiber materials, mirrored acrylic, carbon-filled materials, etc., will typically cause the brake to activate. If you need to cut these conductive materials, the safety system can be placed in "Bypass Mode" to temporarily disable the brake. (The Bypass Mode is discussed on page 55.)

The fast-acting brake includes a small fuse that holds a strong spring in compression. If the electronic detection unit detects contact while the blade is spinning (including during coast down), the fuse is burned by a surge of electric current. The spring then pushes an aluminum pawl into the teeth of the spinning blade. The teeth cut into the pawl, stopping the blade. The total time between the detection of contact and stopping the blade is just a few milliseconds. If the brake is activated while the blade is at or near full speed, the blade will also quickly retract below the table. The system will not activate the brake when the blade is stopped—even if you spin the blade by hand. This allows you to touch or change the blade when the motor is off just as with ordinary table saws. However, for safety, always turn the main power switch to *OFF* and unplug the power cord when changing the blade.

The SawStop® safety system is active whenever the main power is on. The safety system continuously performs many different self-checks to ensure that the components of the system are operating properly. If any problems are detected, the safety system will disable the motor and display a system status code to identify the problem (see page 44 for a description of the system status codes and the corrective action). If the problem is detected while the motor is spinning, the motor will be shut off. The safety system will not allow the motor to start, even in Bypass Mode, as long as a problem is detected.

The electronic detection unit and fast-acting brake are contained in the "brake cartridge," which is positioned under the table and just behind the blade, as shown above. The brake cartridge must be correctly installed before the motor can be started (see page 59 for instructions on removing and installing the brake cartridge). In the event that the brake is activated, a new brake cartridge must be installed before the saw can be used again.



The SawStop® Safety System

The SawStop® safety system does not interfere with your use of the saw. You can still make all the cuts that you can with ordinary saws including 0° to 45° bevels, non-through cuts, and dado cuts (with the optional dado brake cartridge and the optional dado table insert).

Your SawStop® saw operates differently than ordinary table saws, and there are a few important points to keep in mind as you use the saw.

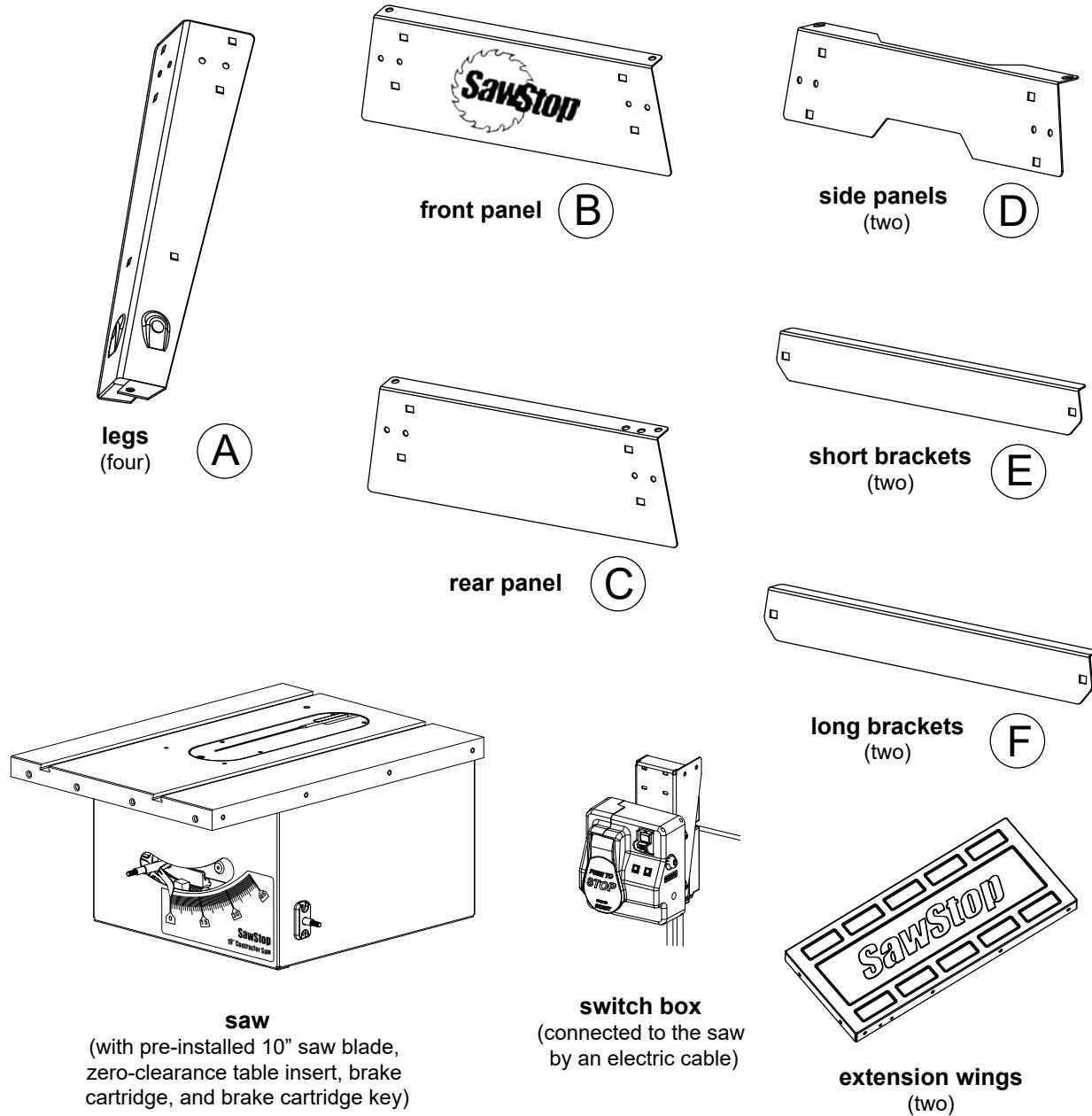
1. **Do not** rely on the SawStop® safety system to protect against unsafe operation. Although the system is designed to react and stop the blade very quickly in the event of accidental contact, it cannot react until contact is detected. This means that you may receive at least a minor injury even with the SawStop® safety system. Therefore, always use safe operating practices, and use the blade guard, push stick and other safety devices whenever possible. The SawStop® safety system, like the airbag in a car, should be considered as a last measure to minimize injury when all other safety practices and devices have failed to prevent an accident.
2. In the event of contact, the blade will be stopped in about 3–5 milliseconds (coarse toothed blades stop more quickly than fine-toothed blades such as plywood blades). Therefore, the seriousness of the injury incurred will depend on the speed at which a person's hand or other body part is moving toward the blade. For example, if a person's hand is moving toward the blade at 1 ft./sec. , then the depth of the cut will be approximately $\frac{1}{16}$ inch ($1 \text{ ft./sec.} \times 0.005 \text{ sec.} = 0.005 \text{ ft. or } \frac{1}{16} \text{ inch}$). At faster speeds, the cut will be proportionally deeper. Therefore, it is possible to be seriously injured even with the SawStop® safety system.
3. **Do not** operate the saw in Bypass Mode unless you are cutting electrically conductive material. When Bypass Mode is engaged, the SawStop® safety system will not activate the brake if contact is detected and a serious injury could result if you contact the blade.
4. The motor cannot be started without a blade installed. Since the safety system disables the motor if the blade is spaced too far from the brake, a missing blade will be detected as a blade-to-brake spacing error and the motor will be disabled.
5. **Blades**
You can use any standard 10 inch saw blade or 8 inch dado set with your SawStop® saw, although the following precautions should be observed:
 - i. **Never** attempt to use a blade other than a single 10 inch blade with the standard SawStop® brake cartridge. **Never** attempt to use a dado set or blade other than an 8 inch dado set with the SawStop® dado cartridge. The use of smaller diameter blades with a brake cartridge designed for larger blades could result in a serious injury because the brake cannot be positioned correctly to stop the smaller blades.
 - ii. **Never stack dado blades thicker than $\frac{13}{16}$ inch.** The 8 inch dado brake cartridge is not designed to stop dado stacks thicker than $\frac{13}{16}$ inch.
 - iii. **Do not use molding heads.** The use of molding heads could result in a serious injury because neither the standard brake cartridge nor the dado brake cartridge is designed to stop a molding head.
 - iv. **Never use a blade with damaged or missing teeth** as this can result in a more serious injury or a false activation of the brake. Blades with variable spacing between teeth are compatible with the SawStop® safety system, however you must ensure the brake is positioned correctly by rotating the blade at least one full revolution to be certain that none of the teeth touch the brake (see page 30 for more information on setting the brake position).
 - v. **Never install the blade backwards.** The brake might not stop a blade that is installed backwards.
 - vi. **Do not use saw blades or dado sets that have a lacquer or other coating on the teeth.** These coatings are non-conductive and therefore can reduce the speed at which the system detects contact. In other words, a coated tooth must cut slightly deeper into the skin for contact to be detected, resulting in a somewhat more serious injury. Used blades that originally had a coating are OK to use since the coating is worn away within a few uses. However, SawStop recommends that you examine each tooth on such blades to confirm that no coating remains.

The SawStop® Safety System

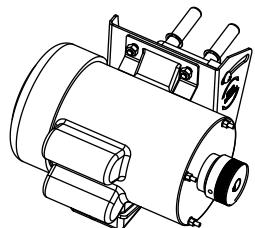
- vii. **Blades with depth-limiting shoulders** may take longer to stop in the event of an accident than standard blades, and you could receive a more serious injury. Therefore, SawStop recommends using blades without depth-limiting shoulders.
 - viii. The SawStop safety system is designed for use with standard 10 inch blades with kerfs from $\frac{3}{32}$ inch to $\frac{3}{16}$ inch. Blades with kerfs much thinner than $\frac{3}{32}$ inch should not be used because those blades might not be strong enough to withstand the force applied by the brake when it activates. As a result, those blades might deform and stop more slowly in the event of an accident, resulting in a more serious injury. Blades with kerfs much thicker than $\frac{3}{16}$ inch are heavier than standard $\frac{1}{8}$ inch kerf blades, and should not be used because they may stop more slowly than standard blades in the event of an accident, resulting in a more serious injury. Similarly, stacks of two or more 10 inch blades should never be used on your SawStop saw as the combined weight of the blades may be too heavy to stop quickly. If you need to use a blade with a kerf thicker than $\frac{3}{16}$ inch, use an 8 inch dado set with the optional Sawstop 8 inch dado brake cartridge.
 - ix. **Do not use non-conductive blades**, including abrasive blades, blades with plastic hubs, or blades that have non-conductive teeth. The safety system cannot induce the electrical signal onto a non-conductive blade, and blades with non-conductive teeth may prevent the system from detecting contact. Only standard steel blades with either steel or carbide teeth should be used.
6. **Do not** use table inserts, guards, fences or other devices which have metal parts that may come into contact with the blade. Any metal part that contacts the blade may cause the brake to activate. All SawStop® accessories are specifically designed to prevent metal contact with the blade.
 7. Wet, pressure-treated wood may cause the brake to activate. The chemicals used to pressure treat wood often contain large amounts of copper, which is conductive. When pressure-treated wood is wet, the combination of copper and water substantially increases the conductivity of the wood. Therefore, allow wet pressure-treated wood to fully dry before cutting. Typically, the wood will be sufficiently dry if left unstacked in a dry location for 24 hours. If you must cut wet pressure-treated wood, you can make several cuts in the wettest piece(s) using the Bypass Mode to test whether the wood is too wet. See page 55 for instructions on using Bypass Mode and page 46 for information on testing the conductivity of a material. If the test indicates the wood is too wet to cut with the safety system active, you must either allow the wood to dry or make the remaining cuts in Bypass Mode.
 8. **Do not** replace the arbor belt with a non-SawStop® belt. The SawStop® arbor belt is custom designed to dissipate static electricity that may build up on the spinning blade which could cause a false activation of the brake.
 9. **Never** touch the arbor, arbor pulley, arbor nut or arbor washer when the blade is spinning because you may receive a serious injury. These parts are all electrically coupled to the blade and the brake will activate if contact with these parts is detected.
 10. **Never** reach under the blade while it is spinning. In the event the brake is activated, the retraction of the blade may cause a serious injury if you contact the bottom of the blade.
 11. **Do not** remove the dust shroud because a large portion of the blade will be exposed. If you contact the blade under the table, the blade may retract toward you and cause a severe injury.
 12. **Do not** unplug or disconnect the saw from electrical power before the blade has stopped spinning. If the power is interrupted while the blade is moving, the safety system will not be active and therefore the brake will not activate in the event of accidental contact. You may receive a serious injury if you contact the spinning blade while the electrical power has been interrupted.
 13. **Never** attempt to disable the SawStop® safety system or modify the electrical wiring of the saw in any way. Any change or modification or disablement of the safety system or other wiring could result in a serious injury and will void all warranties.
 14. **Never** attempt to repair, adjust, modify or otherwise service a brake cartridge. There are no user-servicable parts inside the brake cartridge. The brake cartridge is permanently sealed against dust and other contaminants. Destruction, removal, or alteration of this seal voids all warranties.

Unpacking Your Saw

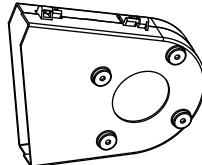
While unpacking your saw verify that all the components shown on this page and the following page are included. Use care when unpacking your saw to prevent damage to any of the saw components or accessories. Read and understand this manual fully before assembling and operating your saw.



Unpacking Your Saw



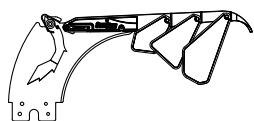
motor



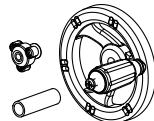
belt guard



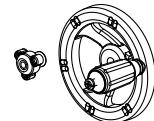
motor belt



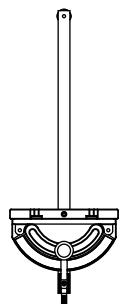
blade guard
assembly



elevation handwheel
package



tilt handwheel
package



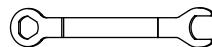
miter gauge



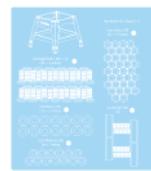
riving
knife



owner's manual



blade wrenches
(two)



assembly instructions poster

hardware pack #1

hardware pack #2

Assembling Your Saw

The instructions to assemble your saw are on a poster included with your saw and are listed below. You can follow either set of instructions to assemble your saw. In addition to the tools included with hardware pack #2 you will also need the following tools to complete the assembly: an 8 mm socket, a 10 mm wrench, two 13 mm wrenches, and a level or straight edge.

Assembling the Stand

1. Locate the stand components labeled A through F and hardware pack #1 (see Fig. 1). All of the hardware needed to assemble the stand is located in the area with the blue background on hardware pack #1. In order to easily identify the hardware used in each of the following steps, the different pieces of hardware are numbered on the hardware pack and in the figures.

Note: If you purchased an optional SawStop® Job Site Cart for your saw, you may skip steps 1-14. Refer to the owner's manual accompanying your job site cart for instructions on how to assemble it and mount it to the saw.

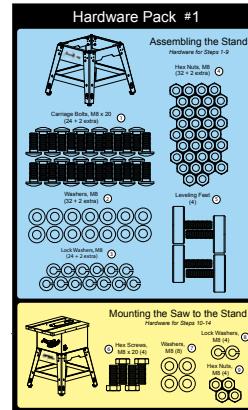


Fig. 1

2. Assemble the front of the stand by attaching two of the legs marked A to the front panel marked B (see Fig. 2). Make sure that the legs are in front of the front panel. Bumps on the legs fit into holes in the front panel to align the legs. Attach the legs to the front panel using four M8 x 20 carriage bolts, four M8 washers, four M8 lock washers, and four M8 hex nuts. Do not fully tighten the nuts at this time. Leaving the nuts loose will make it easier to align holes as you assemble the rest of the stand.

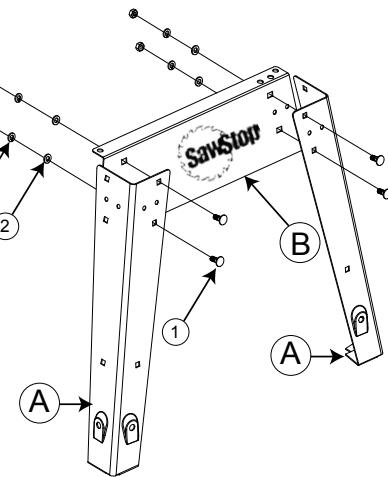


Fig. 2

3. Assemble the rear of the stand by attaching the remaining two legs marked A to the rear panel marked C (see Fig. 3). Make sure that the legs are in front of the rear panel. Bumps on the legs fit into holes in the rear panel to align the legs. Attach the legs to the rear panel using four M8 x 20 carriage bolts, four M8 washers, four M8 lock washers, and four M8 hex nuts. Do not fully tighten the nuts at this time.

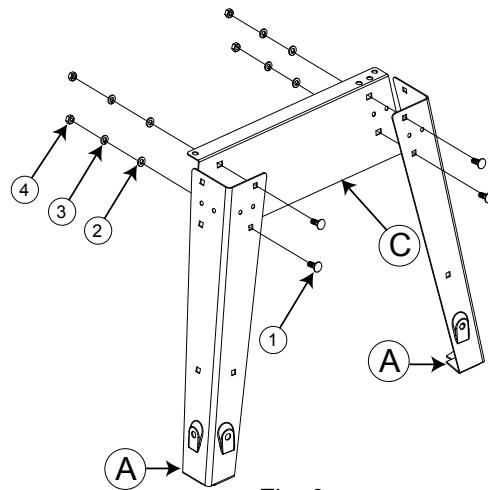


Fig. 3

Assembling Your Saw

- Attach one of the side panels marked D between the front and rear portions of the stand (see Fig. 4). Make sure the legs are in front of the side panel and that the side panel is under the top flanges of the front and rear panels. Bumps on the legs fit into holes in the side panel to align the legs. Use four M8 x 20 carriage bolts, four M8 washers, four M8 lock washers, and four M8 hex nuts to attach the side panel to the front and rear portions. Do not fully tighten the nuts.

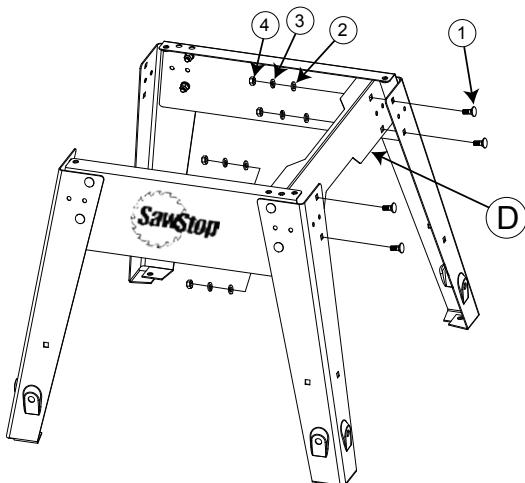


Fig. 4

- Repeat the prior step to attach the remaining side panel marked D to the opposite side of the stand (see Fig. 5).

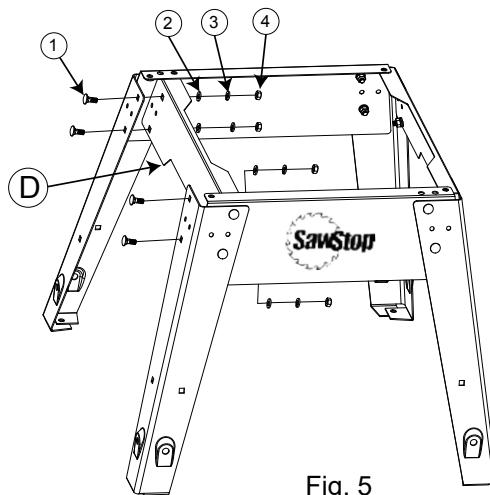


Fig. 5

- Attach one of the short brackets marked E between the two front legs (see Fig. 6). Make sure the legs are in front of the bracket. Use two M8 x 20 carriage bolts, two M8 washers, two M8 lock washers, and two M8 hex nuts. Do not fully tighten the nuts. Repeat this process to attach the remaining short bracket E between the rear legs.

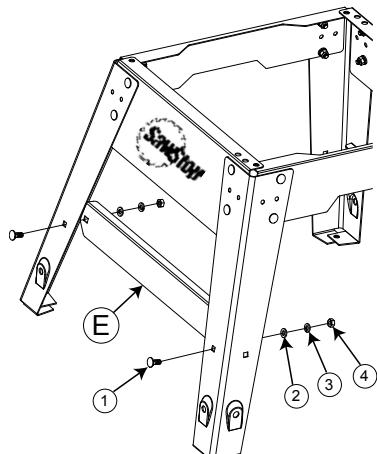


Fig. 6

Assembling Your Saw

7. Attach one long bracket marked F between the legs on the right side of the stand (see Fig. 7). Make sure the legs are in front of the brackets. Use two M8 x 20 carriage bolts, two M8 washers, two M8 lock washers, and two M8 hex nuts to attach the long bracket. Do not fully tighten the nuts. Repeat this process to attach the remaining long bracket between the legs on the left side of the stand.

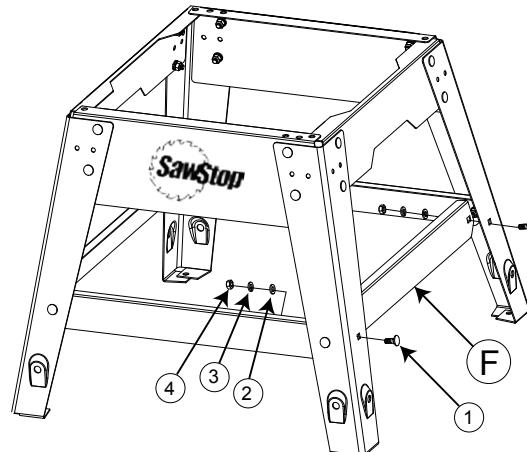


Fig. 7

8. The front, rear and side panels have flanges that overlap to define mounting holes through which you will bolt the saw to the stand. There is one hole in each corner of the stand (see Fig. 8). Adjust the panels until the holes align and then tighten all of the nuts in the stand using a 13 mm wrench.

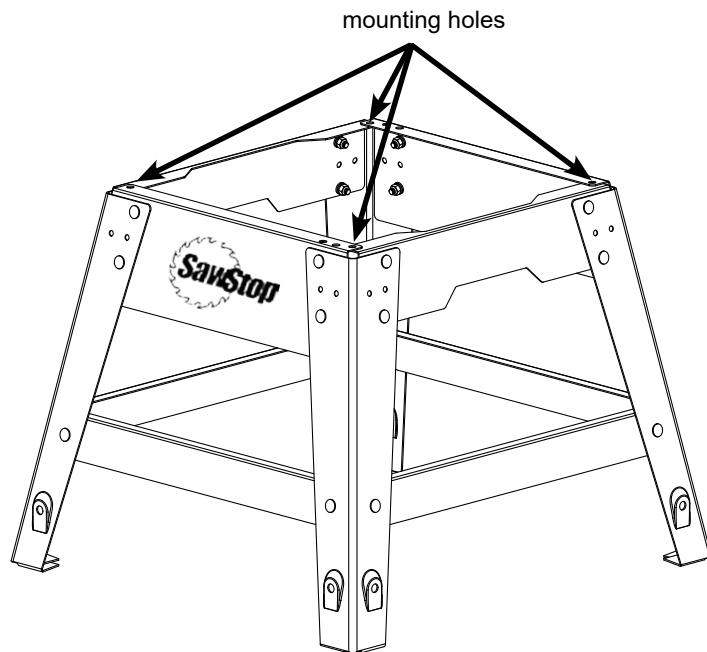


Fig. 8

Assembling Your Saw

9. Attach a foot to the bottom of each leg as shown in Fig. 9 by threading an M8 hex nut on each foot and then placing an M8 washer over the nut. Insert a foot into the hole at the base of each leg and then place a second M8 washer and thread a second M8 hex nut onto each foot. Do not fully tighten the nuts. The stand is now fully assembled.

Note: If you purchased an optional SawStop® Contractor Saw Mobile Base for your saw, install it now by following the instructions that came with the mobile base.

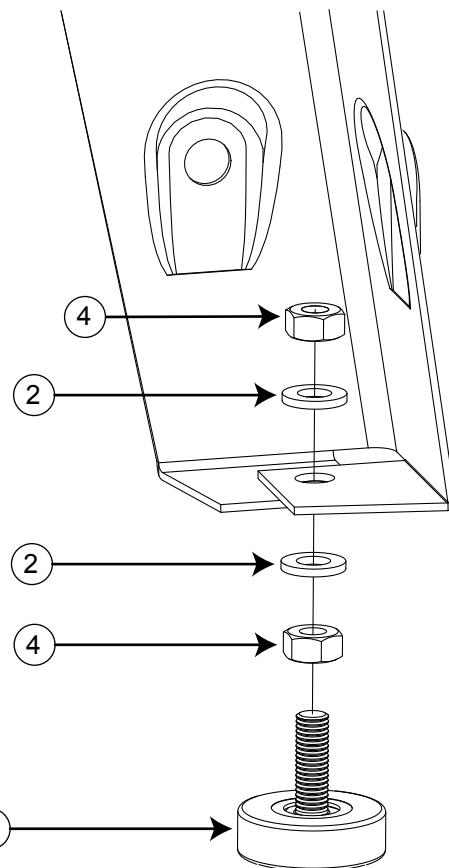


Fig. 9

Mounting the Saw to the Stand

10. Remove the saw from the box and locate the mounting hardware. All of the hardware needed to mount the saw to the stand is located in the area with the yellow background on hardware pack #1 (see Fig. 10).

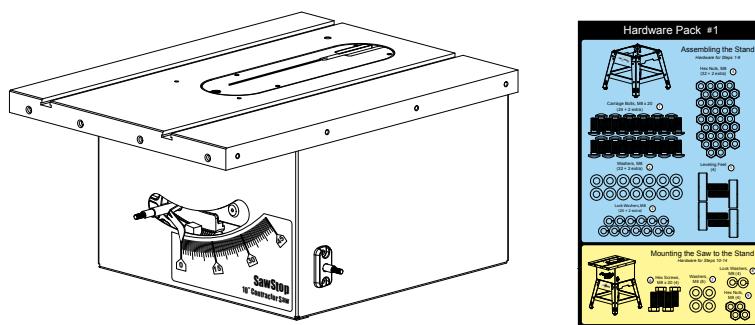


Fig. 10