



CX202
10" CONTRACTORS TABLE SAW
WITH RIVING KNIFE
User Manual



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GENERAL SAFETY INSTRUCTIONS FOR MACHINES

Extreme caution should be used when operating all power tools. Know your power tool, be familiar with its operation, read through the owner's manual and practice safe usage procedures at all times.

- ❖ **ALWAYS** read and understand the user manual before operating the machine.
- ❖ **CONNECT** your machine ONLY to the matched and specific power source.
- ❖ **ALWAYS** wear safety glasses respirators, hearing protection and safety shoes, when operating your machine.
- ❖ **DO NOT** wear loose clothing or jewelry when operating your machine.
- ❖ **A SAFE ENVIRONMENT** is important. Keep the area free of dust, dirt and other debris in the immediate vicinity of your machine.
- ❖ **BE ALERT! DO NOT** use prescription or other drugs that may affect your ability or judgment to safely use your machine.
- ❖ **DISCONNECT** the power source when changing drill bits, hollow chisels, router bits, shaper heads, blades, knives or making other adjustments or repairs.
- ❖ **NEVER** leave a tool unattended while it is in operation.
- ❖ **NEVER** reach over the table when the tool is in operation.
- ❖ **ALWAYS** keep blades, knives and bits sharpened and properly aligned.
- ❖ **ALL OPERATIONS MUST BE** performed with the guards in place to ensure safety.
- ❖ **ALWAYS** use push sticks and feather boards to safely feed your work through the machine.
- ❖ **ALWAYS** make sure that any tools used for adjustments are removed before operating the machine.
- ❖ **ALWAYS** keep the bystanders safely away while the machine is in operation.
- ❖ **NEVER** attempt to remove jammed cutoff pieces until the saw blade has come to a full stop.

CX202 CONTRACTORS TABLE SAW

SPECIFIC SAFETY INSTRUCTIONS

- ❖ **NEVER** use a saw blade that has missing carbide teeth, loose teeth, or chipped or broken teeth.
- ❖ **NEVER** stand directly in line with the saw blade when feeding stock into the saw.
- ❖ **NEVER** place your fingers or hands in the line of cut. If you slip, your hands or fingers may come into contact with the blade. Always use a push stick when ripping narrow pieces.
- ❖ **NEVER** allow visitors or helpers to stand in line with the saw blade.
- ❖ **ALL GUARDS** must be in place while operating the table saw to ensure safety.
- ❖ **ALWAYS** feed the stock smoothly. Do not force or twist the work-piece while cutting.
- ❖ **NEVER** allow anyone to “assist” you by holding your work-piece at the out-feed end.
- ❖ **MAKE SURE** before making any adjustments, the switch is in the “OFF” position and the cord is un-plugged.
- ❖ **NEVER LEAVE** the table saw unattended while it is running.
- ❖ **DO NOT** attempt to remove jammed pieces unless the table saw has come to a complete stop and the power switch has been turned to the OFF position and cord is unplugged.
- ❖ **NEVER** attempt to cut stock “freehand”, always use the rip fence or miter gauge.
- ❖ **ALWAYS** make sure that the rip fence is properly squared to the saw blade to prevent kickback.
- ❖ **ALWAYS** make sure that your saw is in a stable position. Cutting heavy, long stock may alter the stability of the saw. In the event that this may occur, the saw should be firmly bolted to the floor.
- ❖ **ALWAYS** be sure that if using a mobile base, wheels are firmly locked before turning the saw on.
- ❖ **ALWAYS** use a feather board and/or hold-downs to support your work-piece when necessary.
- ❖ **MAKE SURE** you have read and understood all the safety instructions in the manual and you are familiar with your table saw, before operating it. If you fail to do so, serious injury could occur.

WARNING

The safety instructions given above can not be complete because the environment in every shop is different. Always consider safety first as it applies to your individual working conditions.



CX202–10” Table Saw

FEATURES

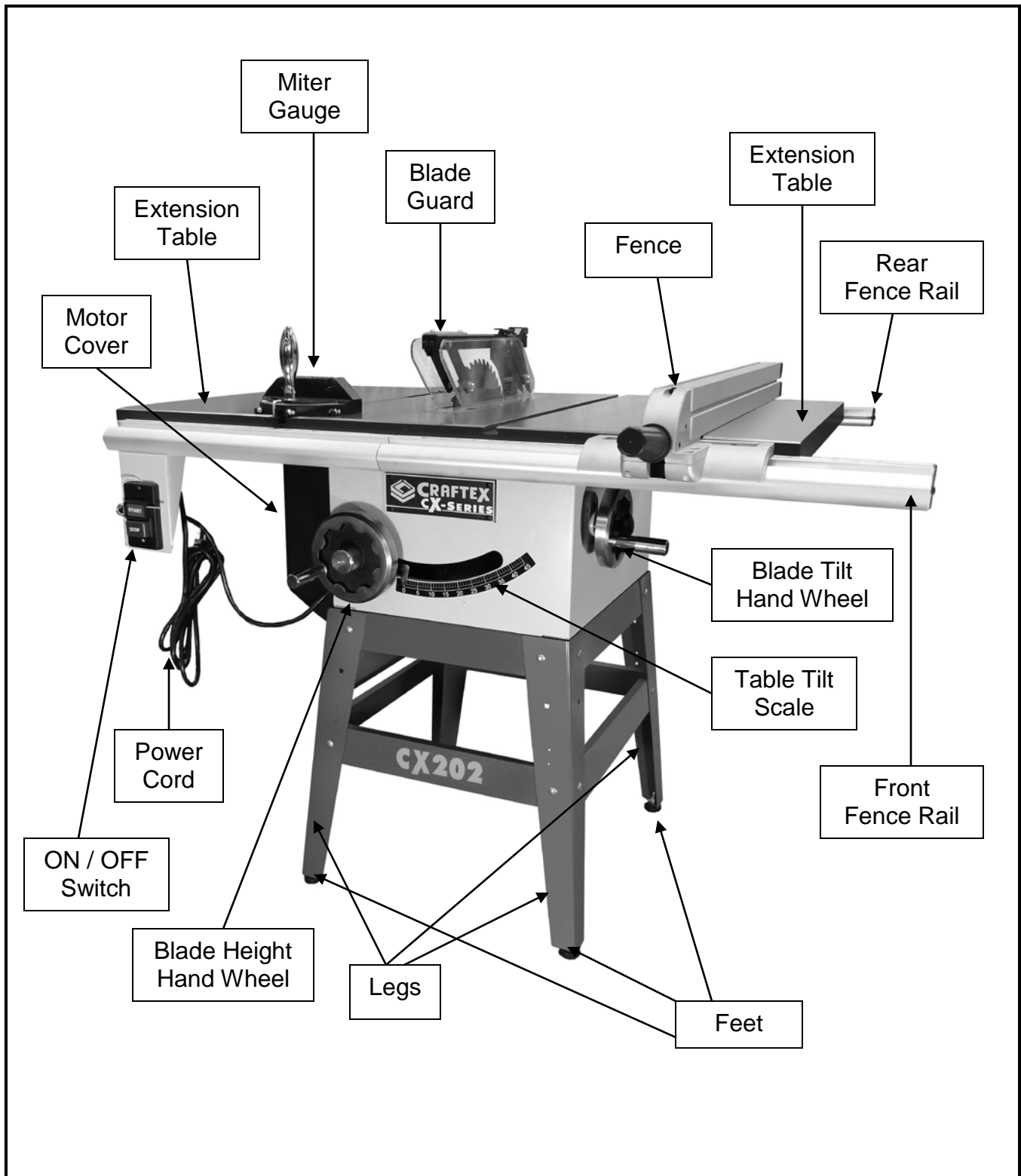
MODEL CX202 – 10” CONTRACTORS TABLE SAW

As part of the growing line of Crafttex woodworking equipment, we are proud to offer the CX202 a 10” Table Saw with Riving Knife. The Crafttex name guarantees Craft Excellence. By following the instructions and procedures laid out in this user manual, you will receive years of excellent service and satisfaction. The CX202 is a professional tool and like all power tools, proper care and safety procedures should be adhered to.

- ⊞ Motor 1.5-HP, 120-V, Single Phase TEFC Motor
- ⊞ Drive System “V” Belt Drive
- ⊞ Miter Gauge..... T-Slot Miter Gauge
- ⊞ Rip Fence “T” Type Rip Fence (Cam Lever) w/Optical Cursor
- ⊞ Fence Size..... Length 31” x Width 2-3/4” x Height 2-1/2”
- ⊞ Table Size..... Length 44.5” x Width 27” (with Extension Wings)
- ⊞ Floor to Table Height 35”
- ⊞ Maximum Blade Diameter 10”
- ⊞ Riving Knife/Spreader Thickness.... 0.1”
- ⊞ Arbor Size..... 5/8”
- ⊞ Blade Speed 4200 RPM
- ⊞ Maximum Depth of Cut @ 90° 3-1/16”
- ⊞ Maximum Depth of Cut @ 45° 2-1/16”
- ⊞ Maximum Rip to Right of Blade 28”
- ⊞ Maximum Rip to Left of Blade..... 12”
- ⊞ Dust Collection Ports One 4” Port

CX202 – CONTRACTORS TABLE SAW

PHYSICAL FEATURES



SETUP

Before setting up your machine you should read and understand the instructions given in this manual.

The unpainted surfaces of this table saw are coated with a rust preventive waxy oil that you will want to remove this before you begin assembly. Use a solvent cleaner that will not damage painted surfaces.

WARNING

CX202 is a heavy machine, do not over-exert yourself. For safe moving method use fork truck or get the help of an assistant or friend.

UNPACKING

The machine is properly packaged and shipped completely in crates for safe transportation. When unpacking, carefully inspect the crates and ensure that nothing has been damaged during transit. Open the crates and check that the machine and the parts are in good condition.

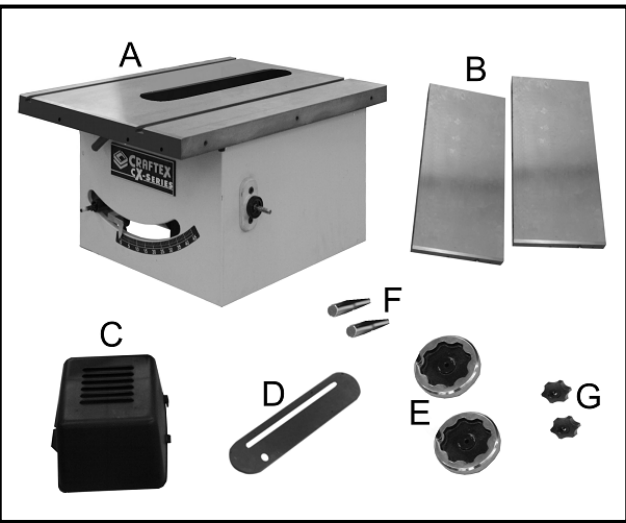


Figure-1 Inventory

LIST OF CONTENTS QTY

A. Table Saw.....	1
B. Extension Wings	2
C. Motor Cover	1
D. Table Insert.....	1
E. Hand Wheels	2
F. Hand Wheel Handles.....	2
G. Hand Wheel Lock Knobs	2

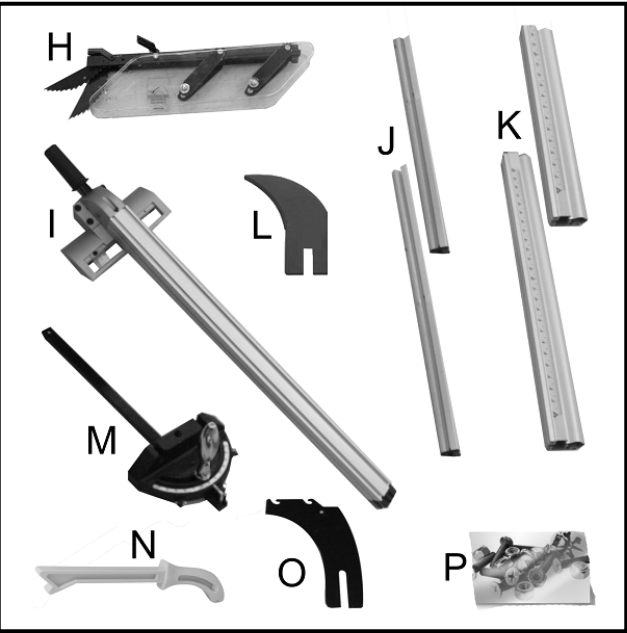


Figure-2 Inventory

LIST OF CONTENTS QTY

H. Blade Guard.....	1
I. Fence.....	1
J. Rear Fence Rail.....	1
K. Front Fence Rail	1
L. Riving Knife.....	1
M. Miter Gauge	1
N. Push Stick.....	1
O. Spreader	1
P. Hardware Bag.....	1

While checking your inventory, if you can not find any part, check if the part is already installed on the machine. Some of the parts come preassembled with the machine because of shipping purposes.

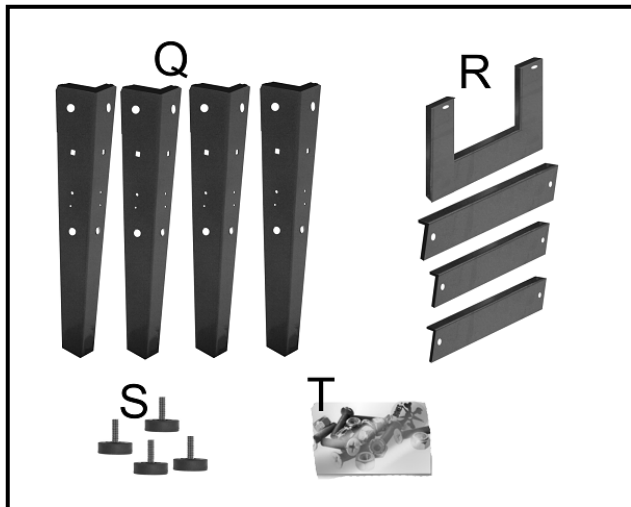


Figure-3 Inventory

LIST OF CONTENTS	QTY
Q. Legs	4
R. Brackets	4
S. Feet.....	4
T. Hardware Bag	1

PROPER GROUNDING

Grounding provides a path of least resistance for electric current to reduce the risk of electric shock.

CX202 is equipped with a 120-Volt, single phase motor which features a 3-conductor cord and a 3-prong grounded plug to fit a grounded type receptacle. Do not remove the grounding prong to fit it into a 2-pronged outlet. Always check with a qualified electrician if you are in doubt. Make sure the cord is plugged into a properly installed and grounded power outlet.

To prevent electrical hazards, have a qualified electrician ensure that the line is properly wired.

This tool is for use on a normal 120-volt circuit and is factory-equipped with a specific electric cord and plug to permit connection to a proper electric circuit. Make sure that the appliance is connected to an outlet having the same configuration as the plug. If an adaptor plug is used, it must be attached to the metal screw of the receptacle.

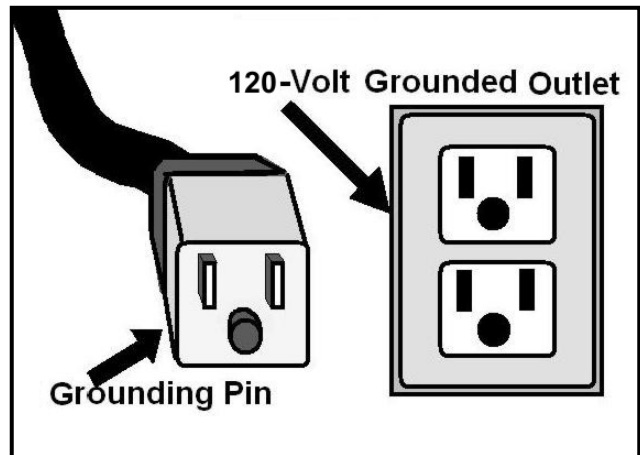


Figure-4 120-Volts Outlet for CX202

WARNING

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded.

It is strongly recommended not to use extension cords with your CX202. Always try to position your machine close to the power source so that you do not need to use extension cords.

In case if you really find it necessary to use an extension cord, make sure the extension cord does not exceed 50-feet in length and the cord is 14-gauge to prevent motor damage.

ASSEMBLY

To assemble your CX202, read and understand the text and figures given.

Attach the upper smaller brackets to the top holes of each two legs using screws and washers provided, as shown in figure-5. Do not tighten the screws at this time.



Figure-5 Attaching upper smaller brackets to the legs

Attach the lower small brackets to the bottom holes of the legs using screws and washers provided. See figure-6. Finger tighten the screws.

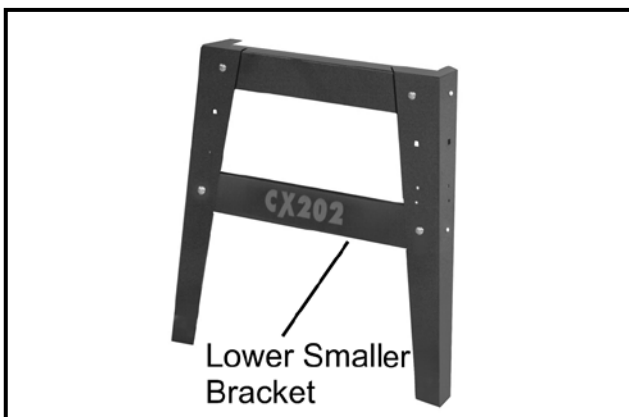


Figure-6 Attaching the lower small bracket

Now, attach the legs together with the longer side brackets as shown in figure-7.

Make sure the "U" shaped bracket is attached to right hand side of the front bracket having the CX202 model# on it as shown in figure-7 and tighten all the screws.

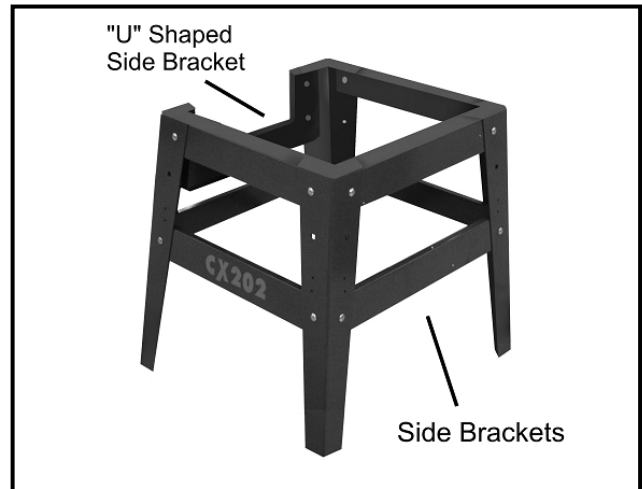


Figure-7 Stand assembled

Once the stand is assembled, put the stand upside down on the floor and attach each foot to the each leg as using washer and nuts provided. See figure-8.

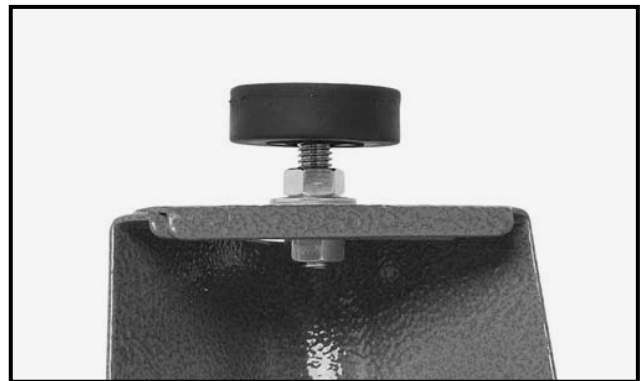


Figure-8 installing the feet on the legs

Adjust the nuts shown in figure-6 at the same level. This will help to level the machine later.

Slide the hand wheel onto the hand wheel shaft in front of the saw and secure it using the lock knob provided. Thread the hand wheel handle into the hole on the hand wheel and tighten it. See figure-9.

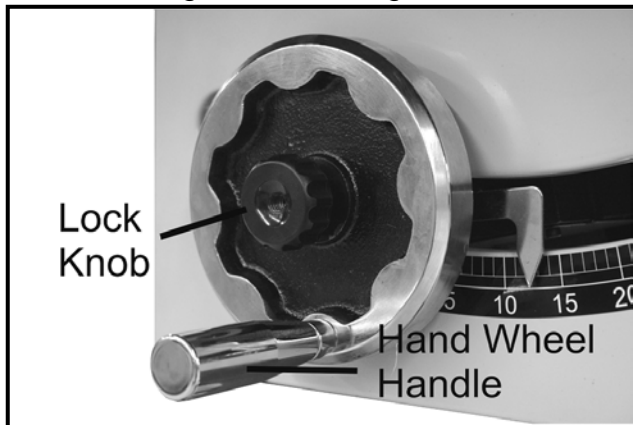


Figure-9 Installing the blade height hand wheel

Turn the hand wheel to lower the blade all the way into the saw. Put the saw upside down on the floor or on any surface that will not damage the cast iron table. Place the stand on the saw as shown in figure-9 with the CX202 Model# facing the front of the saw. Align the holes on the stand with the holes on the bottom of the saw and secure it using bolts, washers and nuts provided.

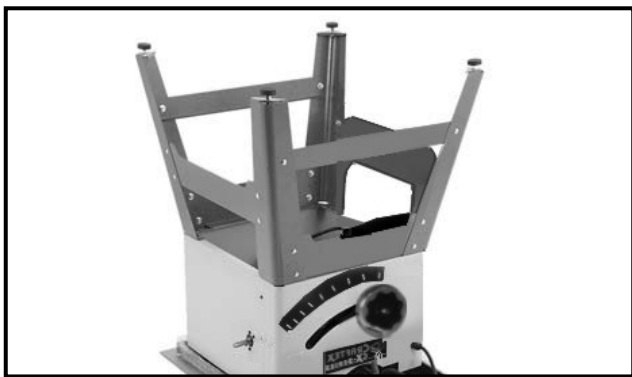


Figure-10 Securing the saw to the stand

Get the help of an assistant to turn the saw upright. Adjust the feet to level the saw from four sides.

Slide the blade tilt hand wheel on the shaft located on the side of the saw as shown in figure-11 and secure it using the lock knob. Thread the hand wheel handle into the hole on the hand wheel and tighten it properly.

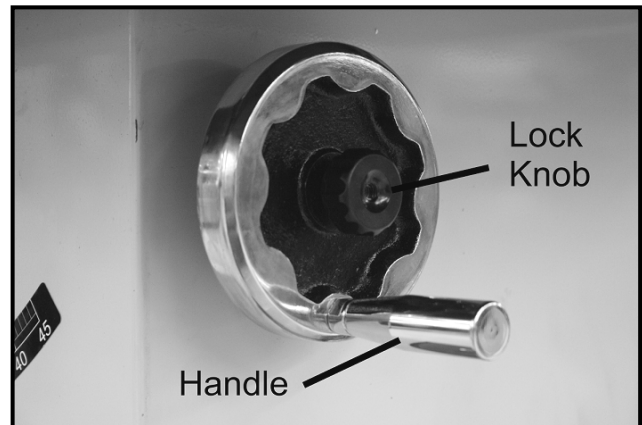


Figure-11 Installing blade tilt hand wheel

Attach the extension wings to the two sides of the table using nuts, bolts and washers provided.

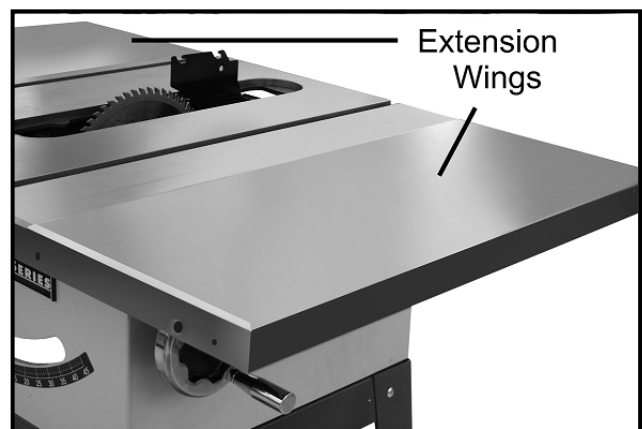


Figure-12 Installing the extension wings

Place a straight-edge on the main table and the extension wing, and make sure they are flat with each other.

If the mating surface of the extension wing tilts down, remove the wings and use a masking tape along the bottom edge of the main table to shim the extension wing up.



Figure-13 Using masking tape to shim the extension wing up

If the mating surface of the extension wing tilts up, use a masking tape along the top edge of the main table to shim the extension wing down.

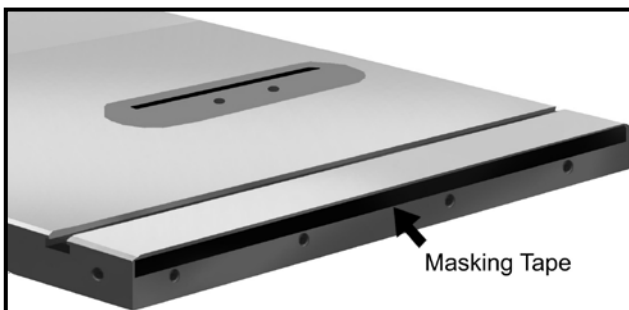


Figure-14 Using masking tape to shim the extension wing down

When the table is reinstalled, remove the excessive masking tape using a blade.

Once the extension wings are properly installed to the main table, attach the front fence rail to the main table and extension wings. Insert four bolts into the four larger holes on the main table and extension wings. Place a lock washer and a nut onto each bolt from the inner side of the table. Thread the nut a few turn onto the bolt and do not tighten as shown in figure-15.

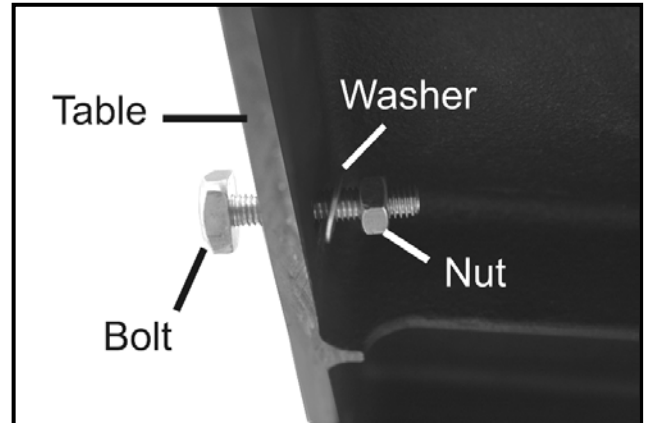


Figure-15 Nut and bolt to secure the front fence rail to the table and wings

Slide the smaller front fence rail piece on to the bolt through the slot on the rail and then slide the larger piece as shown in figure-16 and tighten the nuts.

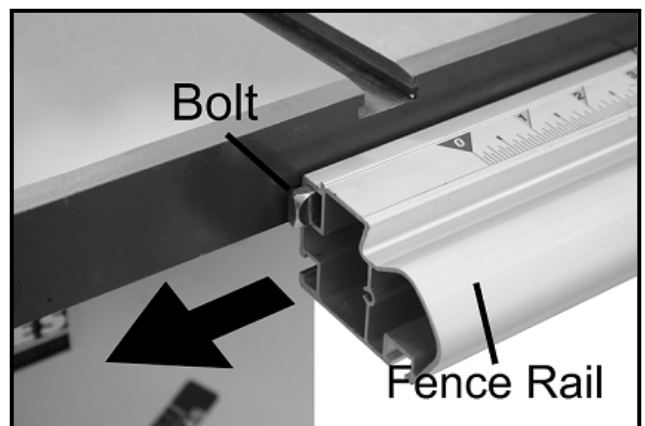


Figure-16 Installing the front fence rail

Install the rear fence rail in the same manner.

To install the fence, place it on the rails, on the right hand side of the blade and push the fence handle down to lock the fence on the rails.

Attach the switch to the front fence rail as shown in figure-17, using screws and washers provided.



Figure-17 Installing the switch

Install the motor cover by sliding the hinge posts in the hinges and locking the motor cover using the lock knob. See figure-18.

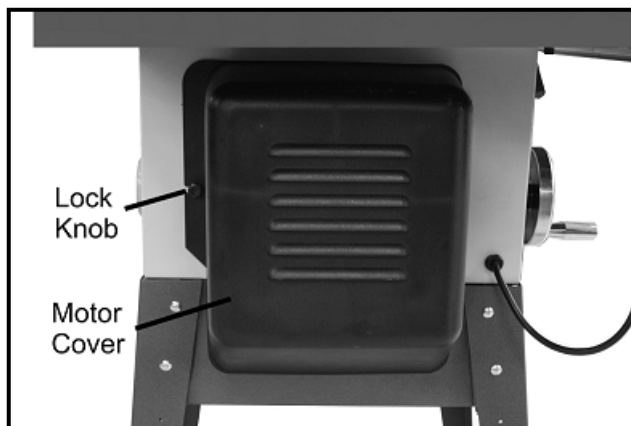


Figure-18 Installing the motor cover

INSTALLING THE SAW BLADE

Remove the table insert. Raise the arbor all the way up using the blade height hand wheel located on the front of the saw and set the blade to 0-degree.

Remove the arbor nut and the arbor flange and install the 10" blade provided. Make sure the teeth of the blade are facing the front of the saw. Install the arbor flange and the arbor nut and tighten using arbor wrench and locking pin provided.



Figure-19 Installing the blade

BLADE GUARD SPREADER

Make sure the switch is in the OFF position and the cord is disconnected from the power source.

Remove the table insert (if already installed) and loosen the lock handle to open the bracket.

Now, slide the blade guard spreader, down into the bracket and tighten the lock handle to engage the bracket. Make sure the spreader is locked properly. See figure-20.

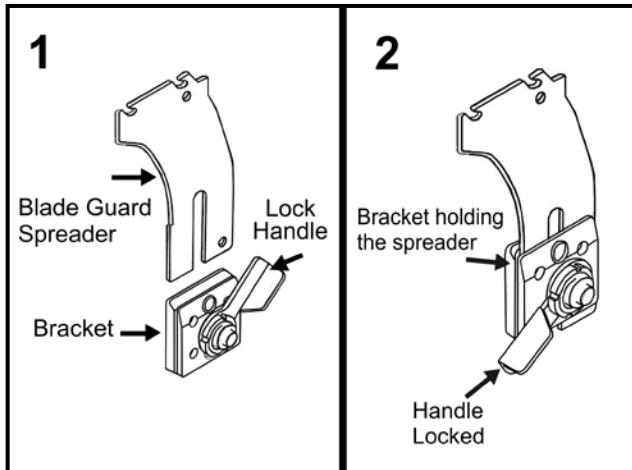


Figure-20 Installing the spreader

TABLE INSERT

Make sure to clean the dust or the dirt on the table throat before installing the insert. The dust or dirt can cause the insert to be out of height alignment.

Place the table insert in the table throat and make sure it is level with the table surface.

INSTALLING THE BLADE GUARD

Attach the blade guard to the spreader as shown in figure-21.

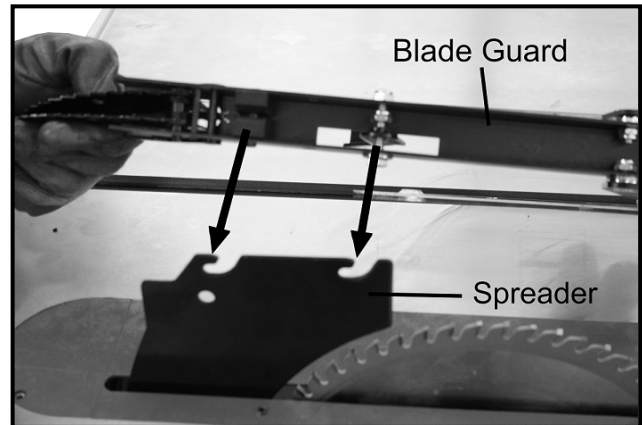


Figure-21 Installing the blade guard

Once the blade guard is attached to the spreader, turn the lock handle down to lock the blade guard on the spreader as shown in figure-22.

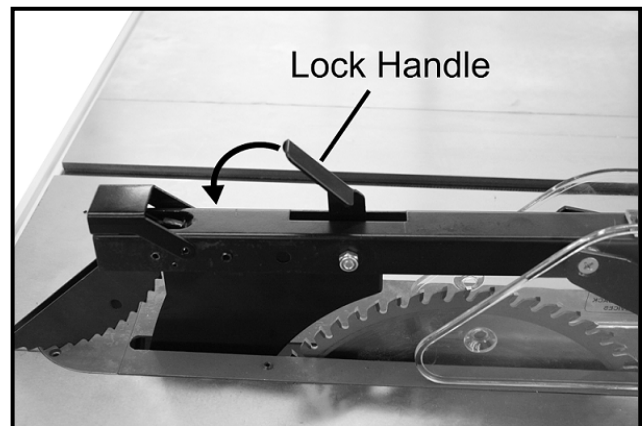


Figure-22 Securing the blade guard to the spreader

BASIC CONTROLS

The basic controls of this machine are shown in the figure-23. Use the figure and read the text to understand what the basic controls of your CX202 are.

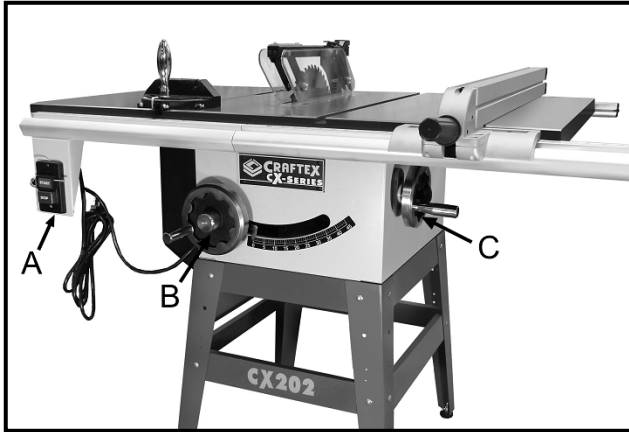


Figure-23 Basic controls on CX202

A. ON / OFF Switch

The ON / OFF switch on your CX202 has a green button to turn the machine “ON” and a red button to turn the machine “OFF”, when pressed. It also features a locking pin which prevents from accidental or unauthorized start ups.

B. Blade Height Hand Wheel

It is used to raise and lower the blade. If you want to adjust the blade height, turn the hand wheel to raise or lower the blade.

C. Blade Tilt Hand Wheel

It is used to adjust the angle of the blade. If you want to adjust the blade angle, loosen the lock handle (in front of the saw, under the table) and turn the hand wheel. When the blade is at the desired angle, retighten the lock handle.

TEST RUN

Once you have assembled your machine completely, it is then time for a test run to make sure that the machine works properly and is ready for operation.

WARNING

For the protection of your eyes, make sure you are wearing safety glasses or safety goggles while doing the test run.

During the test run if there is any unusual noise coming from the machine or the machine vibrates excessively, stop the machine immediately and disconnect from the power source and investigate to find out the problem with your machine.



READ THE MANUAL

Before starting the table saw, make sure that you have read and understood the manual and you are familiar with the functions and safety features on this machine

Check all the safety features on the machine and make sure all the safety features work properly.

WARNING

The safety instructions given in this manual can not be complete because the environment in every shop is different. Always consider safety first as it applies to your individual working conditions.

CONNECTING TO A DUST COLLECTOR

CX202 features a 4" diameter dust port to connect to a dust collector. When connecting to a dust collector, use a proper sized hose and make sure all the connections are sealed tightly.

It is recommended to use a proper sized dust collector with the CX202 to ensure adequate dust collection.

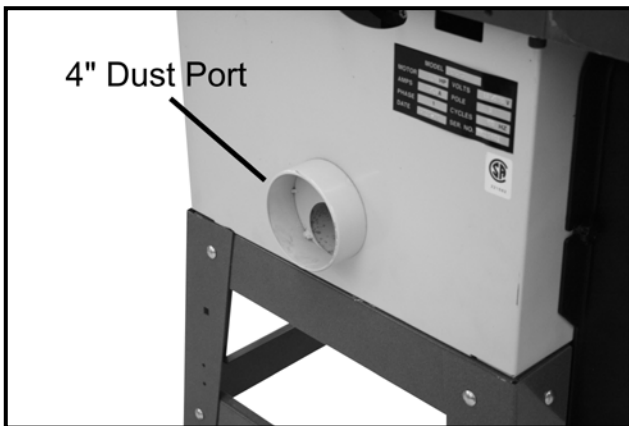


Figure-24 CX202 dust port

WARNING

The fine dust particles produced by the table saw can go into your lungs and cause serious respiratory problems. Make sure to wear a dust mask and connect the table saw to a proper dust collection system while operating it.

WARNING

Dust particles moving through the hose, create static electricity. Ensure that you use a grounding kit to dissipate the static charge.

BLADE GUARD

The blade guard assembly on your CX202 consists of a clear polycarbonate shield, spreader and anti-kickback pawls.

The clear polycarbonate guard allows the operator to see the blade cutting the work-piece during the cutting operation. The guard covers the blade on both sides and lifts up as the work-piece is fed into the blade and returns to the table surface when the work-piece has passed through the blade. It prevents flying wood chips which can injure the operator and it also prevents from accidental contacts of objects with the blade.

At the back side of the guard there is a metal plate called a spreader. The spreader prevents the kerf of the work-piece from pinching the blade and causing kick back.

The kick back pawls are designed such that they allow the work-piece to move only forward. During the cutting operation if the work-piece moves backward, the anti kick back pawls will dig into it and stop it.

RIVING KNIFE

The riving knife is a metal plate which prevents the newly cut work-piece from pinching at the backside of the blade and causing kickback. Basically the riving knife does the same job as the spreader. But the main difference is that the riving knife is installed below the blade height while the spreader is installed higher than the blade.

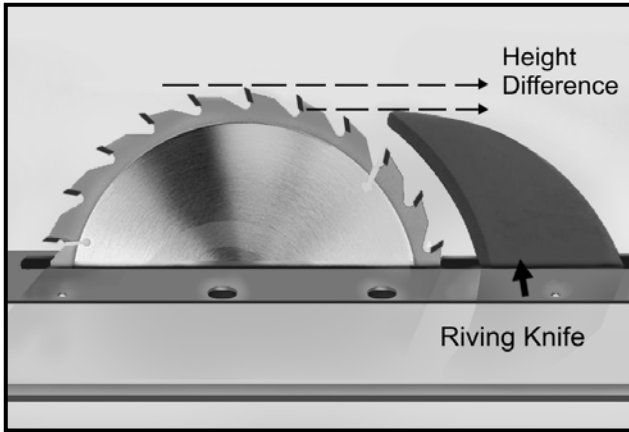


Figure-25 Riving knife

The riving knife is installed when doing non-through cuts using a standard table saw blade and for the cutting operations when the blade does not cut all the way through thickness of the work-piece.

Height Difference:

The riving knife should be installed with 1mm to 5mm height difference with the blade height. It is recommended to keep 3mm to 8mm distance between the blade (from the carbide tip) and the riving knife.

WARNING

DO NOT use the riving knife with dado blades. If used, the riving knife will be higher than the dado blade and the work-piece will hit the riving knife.

WORK-PIECE INSPECTION

Before cutting the work-piece, make sure to inspect it for nails, staples, small pieces of stone or metal and any other foreign object which is dangerous to come in contact with the blade.

If the wood contains any of these objects and it comes in contact with the blade, the object might fly and hit the operator or damage the blade. For a safe cutting operation, always inspect your work-piece carefully before cutting and wear eye protection.

Some woods with excessive twisting or wrapping are unstable while cutting. This situation can be dangerous, because during operation the work-piece can move unexpectedly which can either damage the blade or hurt the operator.

If the wood is slightly cupped, make sure the cupped face of the wood is held against the table or the fence. If the bowed side of the work-piece is held against the table or the fence, there will be a great possibility that the work-piece move unexpectedly while cutting, and cause kickback or injury to the operator.

Some stock with large knots can damage the blade and wet stock will give a poor result.

WARNING

The information above is just a guideline for you to understand how to cut a work-piece with slight cupping. If you are not sure and do not have any experience in cutting cupped stock, do not cut it. Failure to follow these instructions might bring personal injuries to the operator or serious damage to the blade.

OPERATIONS

Before performing any of the following operations, make sure all the parts of the machine are assembled properly and you have done the test run. Make sure you have read the manual and you are familiar using the table saw, knowing all the safety features on this machine.

THROUGH CUTS

The operation, in which the saw blade cuts the work-piece completely, is called through cut. Ripping, cross cuts, miter cuts and beveled cuts are examples of through cuts.

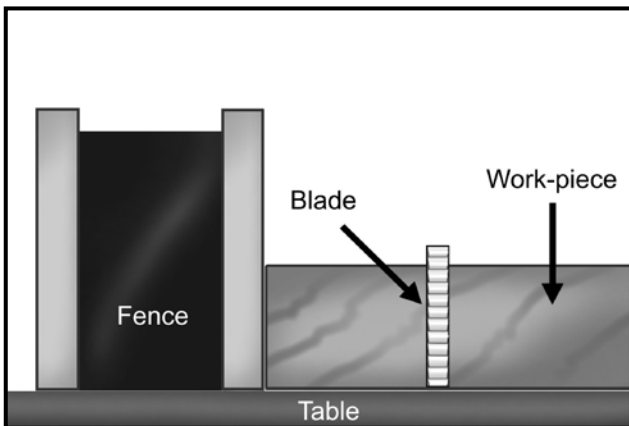


Figure-26 Shows an example of through cut

For clarity the blade guard assembly is not shown in figure-26 but for your safety it is highly recommended to use blade guard when performing through cuts.

NON-THROUGH CUT

The operation, in which the work-piece is passed over the saw blade and it does not cut the work-piece all the way through its thickness, is called non-through cut.

Since the blade guard can not be used when doing non-through cuts, there is great possibility of kickback. Make sure to have the riving knife installed, when using standard saw blade to perform non-through cuts.

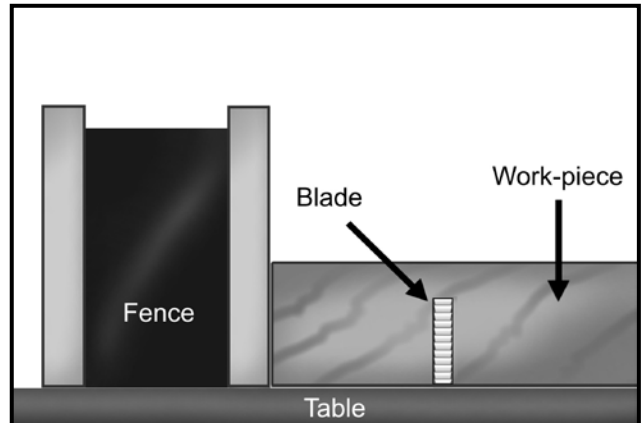


Figure-27 Shows an example of non-through cut with standard saw blade

For clarity figure-27 does not show riving knife, but it is highly recommended to install the riving knife when performing non-through cuts with standard saw blade.

RIPPING

Cutting solid wood with the grain and cutting down the length of the work-piece is called ripping.

With the power "OFF", adjust the fence on the rails according to the desired width of the cut. Turn the blade height hand-wheel to set the blade 1/4" above the work-piece. Make sure that blade guard assembly is working properly and use other safety devices like feather board and push sticks.

Connect the cord to the power source and turn the table saw "ON". Let the blade reach

the full speed and feed the work-piece through the blade using a push stick, until the work-piece completely passes the saw blade. See figure-28.

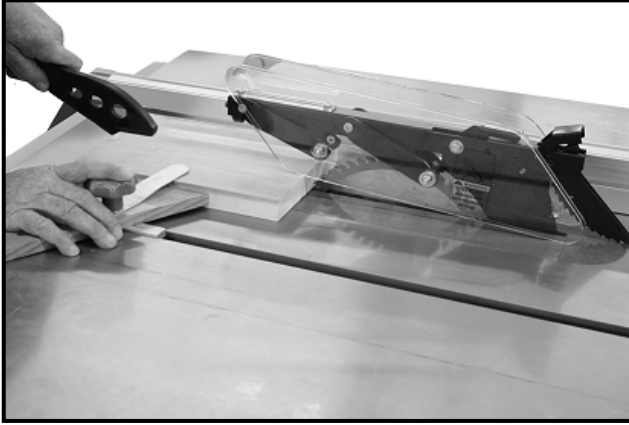


Figure-28 Ripping operation on CX202

After the work-piece is cut, let the blade come to a complete stop and then remove the cut-off pieces.

WARNING

Do not use your fingers to feed narrow work-pieces into the blade. Always use a push stick to prevent the possibility of injury.

CROSSCUTTING

Cutting solid wood across the grain and cutting plywood across the width of the work-piece is called cross-cutting.

Remove the fence and mark the work-piece where you want to start the cut. Set the miter square to the correct angle. Place the work-piece on the table so that the marked

point is aligned with the blade and the blade is cutting the waste side of the line.

Connect the cord to the power source and turn the table saw "ON". Let the blade to reach its full speed and hold the work-piece against the face of the miter gauge. Slowly push the work-piece with the miter gauge and until it is completely past the blade. Let the blade come to a complete stop and remove the cut-off work-pieces.

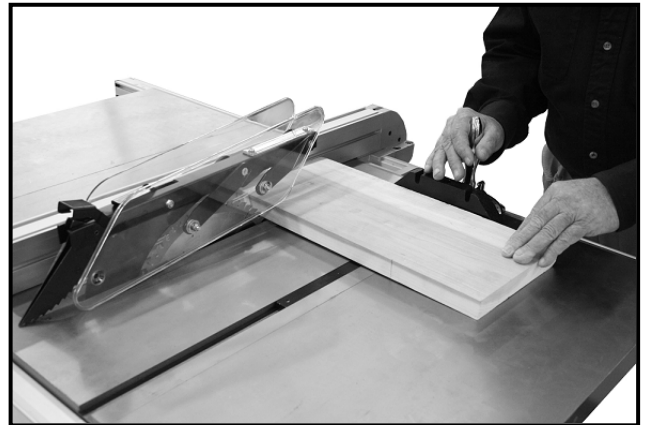


Figure-29 Crosscutting operation on CX202

MITER CUTS

Miter cut is an angled crosscut performed in the same manner as a crosscut, using the miter gauge.

Place the face of the miter gauge against the edge of the work-piece and miter gauge bar across the face of the work-piece. Use the bar as a guide and mark the angle of cut with a pencil as shown in figure-30.

Place the miter gauge back into the T-slot and hold the work-piece against the face of the miter gauge. Push the work-piece with the miter gauge slowly against the blade until the work-piece is completely past the blade.

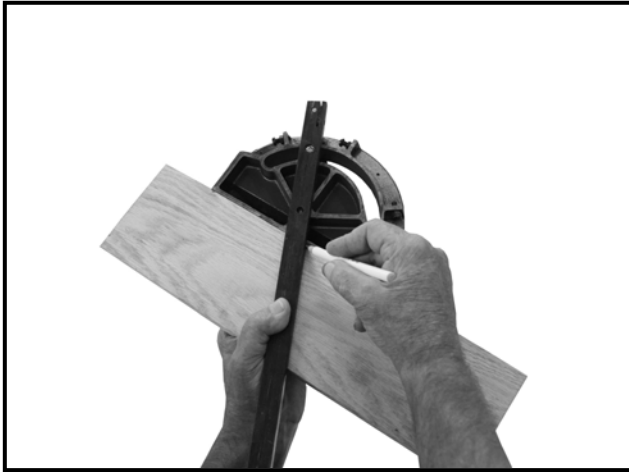


Figure-30 Marking the angle of cut

BEVEL CUTS

The CX202 blade can be tilted to the left between 0° and 45° by rotating the blade tilt hand wheel. This feature of the saw allows making bevel cuts.

To make bevel cuts, loosen the blade tilt lock handle. Rotate the blade tilt hand wheel to the desired angle, looking at the tilt scale and lock the hand wheel by retightening the lock handle.

After that, proceed to make the cut in the same manner as in “Cross Cutting”.

For more accurate angles, and to check that your saw blade is at the exact angle you need, use a digital angle finder.

Model# B2646
or
Model# WR300



FENCE SCALE ADJUSTMENT

To adjust the fence and the rails, make sure the switch is in the OFF position and the cord is disconnected from the power source.

Remove the blade guard and Slide the fence against the saw blade and push the fence handle down to lock it on the rails.

The “0” on the scale tape (to the right side of the blade) is aligned with the red line on the optical cursor attached to the right side of the fence.

Now remove the fence and place it on the rails to the left side of the blade. Check if the “0” on the tape scale is aligned with the red line on the optical cursor. If not then the fence rails need to be adjusted.

To adjust the fence rails, loosen the nuts and bolts securing the fence rails to the table and extension wings. Slide the fence rails so that the “0” on the scale tapes, on both sides of the fence are aligned with the red lines on both optical cursors on the left and right sides of the fence.

Re-tighten the nuts and secure the fence rails to the main table and extension wings.

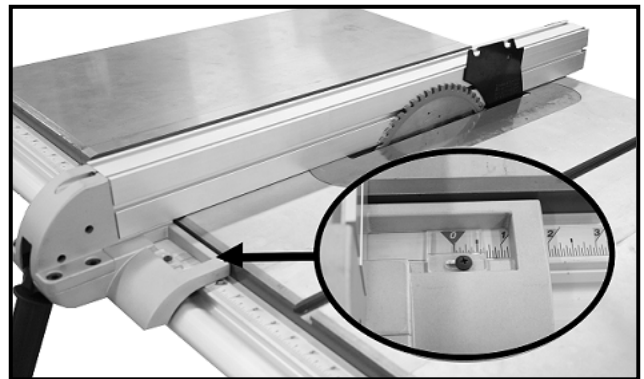


Figure-31 Aligning the red line with the “0”

MAIN TABLE TO BLADE PARALLELISM

Your CX202 will give a better result if the main table is parallel to the blade. If it is not parallel, the result you will get will be poor and low quality.

To check if the table is parallel to the blade, use an adjustable square and measure the distance between the miter slot on the table and the edge of the blade (front or back) as shown in figure-32.



Figure-32 Measuring the distance using an adjustable square

Now, lock the square in place and mark the blade with a marker where you made the measurement. Rotate the blade so that the mark is opposite to the first position (front or back) and slide the square to check if the blade is at the same distance with the miter slot.

The measurement should be equal on both sides. If the measurements are not the same, the table needs to be adjusted parallel to the blade.

To adjust the table:

Make sure the switch is in the “OFF” position and the cord is unplugged from the power source.

Loosen the four mounting bolts (shown in figure-33) securing the table on the cabinet and adjust the table to get equal measurements on both sides of the blade. Once the table is parallel to the blade, re-tighten the mounting bolts.

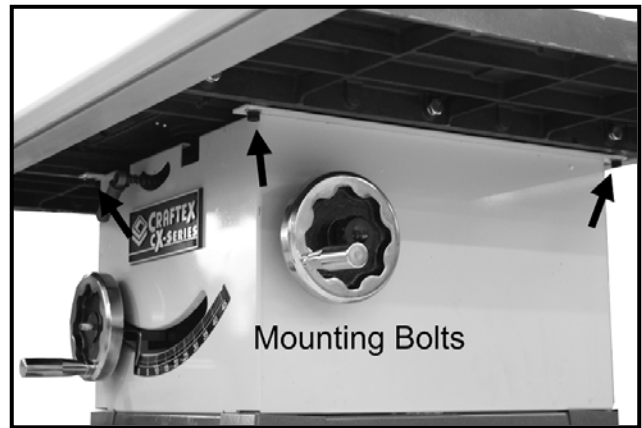


Figure-33 Mounting bolts location

SPREADER AND RIVING KNIFE ALIGNMENT

The blade guard spreader and riving knife must be aligned with the blade for safe and accurate cutting operation. If the blade guard spreader or the riving knife is not aligned with the blade, the work-piece will be pushed sideways during operation and increasing the risk of kick back.

Make sure the switch is “OFF” and check the spreader or riving knife alignment using a straight-edge. Raise the blade to the maximum height using the blade height

hand-wheel. Place the straight edge against the top and bottom part of the spreader or riving knife as shown in figure-34.

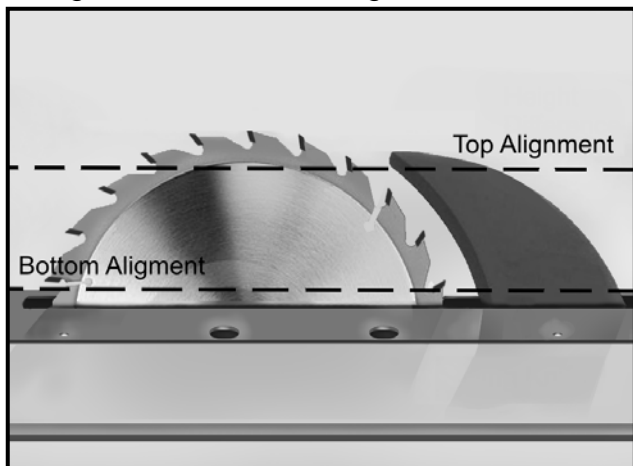


Figure-34 Using a straight-edge to check the top and bottom alignment

If the spreader or riving knife is not parallel with the blade, remove it and place it on a flat surface. Check if it lays evenly on the flat surface along its length.

If the spreader or riving knife does not lie evenly, bend it with your hands until it is straight.

REPLACING THE V-BELT

Make sure the switch is in the “OFF” position and remove the cord from the power source.

Loosen the screws holding the plastic plate cover beside the blade and remove the plastic plate. See figure-35.

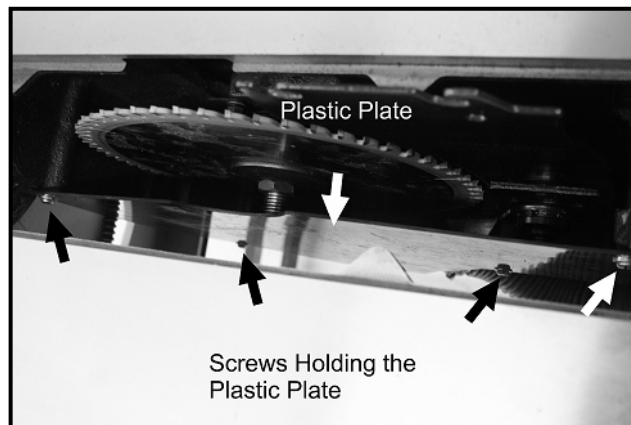


Figure-35 Removing the plastic plate

Raise the blade to the maximum and remove the blade guard, the table insert and the spreader.

Open the motor cover and loosen the bolt securing the motor as shown in figure-36. Move the motor up and remove the V-belt from the pulleys.

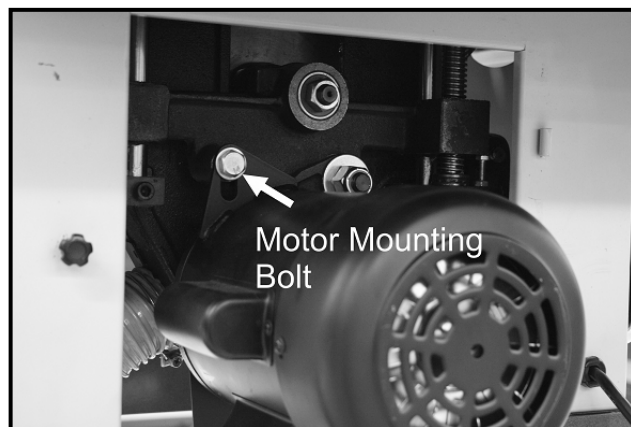


Figure-36 Loosening the motor mounting bolt

Install the new V-belts onto the pulleys and lower the motor to tension the belt. When the belt is correctly tensioned, retighten the bolt and close the plastic motor cover.

ON / OFF SWITCH

The CX202 is equipped with a push button switch that will accept a padlock (not included) for locking the switch in the OFF position. See figure-37.

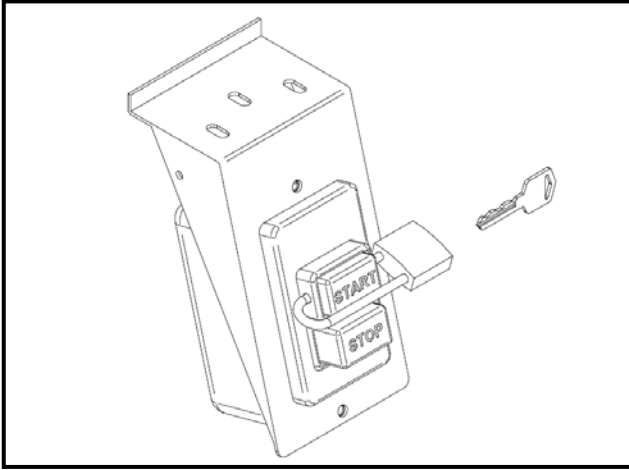


Figure-37 Locking the switch in the OFF position

To safeguard your machine from unauthorized operation and accidental starting by young children, the use of padlock is necessary.

MITER GAUGE ADJUSTMENT

The miter gauge provided with CX202 can be set at 0° and plus or minus 45° with the gauge stop pin and adjustable stop screws.

To adjust the miter gauge:

Loosen the knob and pull out the stop pin.

Loosen the lock nut of the 0° stop screw at the stop pin with an 8mm wrench.

Place a 90° square against the miter gauge rod and the miter gauge base. If the rod is not square, loosen the knob, adjust the rod, and tighten the knob.

Adjust the 0° stop screw until it rests against the stop pin. Adjust the plus and minus 45° stop screws using a 45° triangle and the steps above.

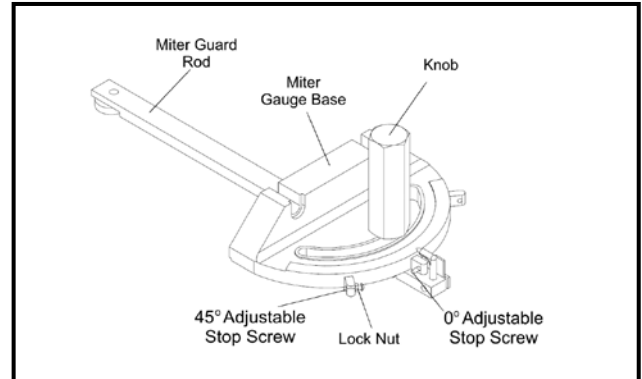


Figure-38 Adjusting the miter gauge

IMPORTANT

Miter gauge provides close accuracy in angled cuts. For very close tolerance, test cuts are recommended.

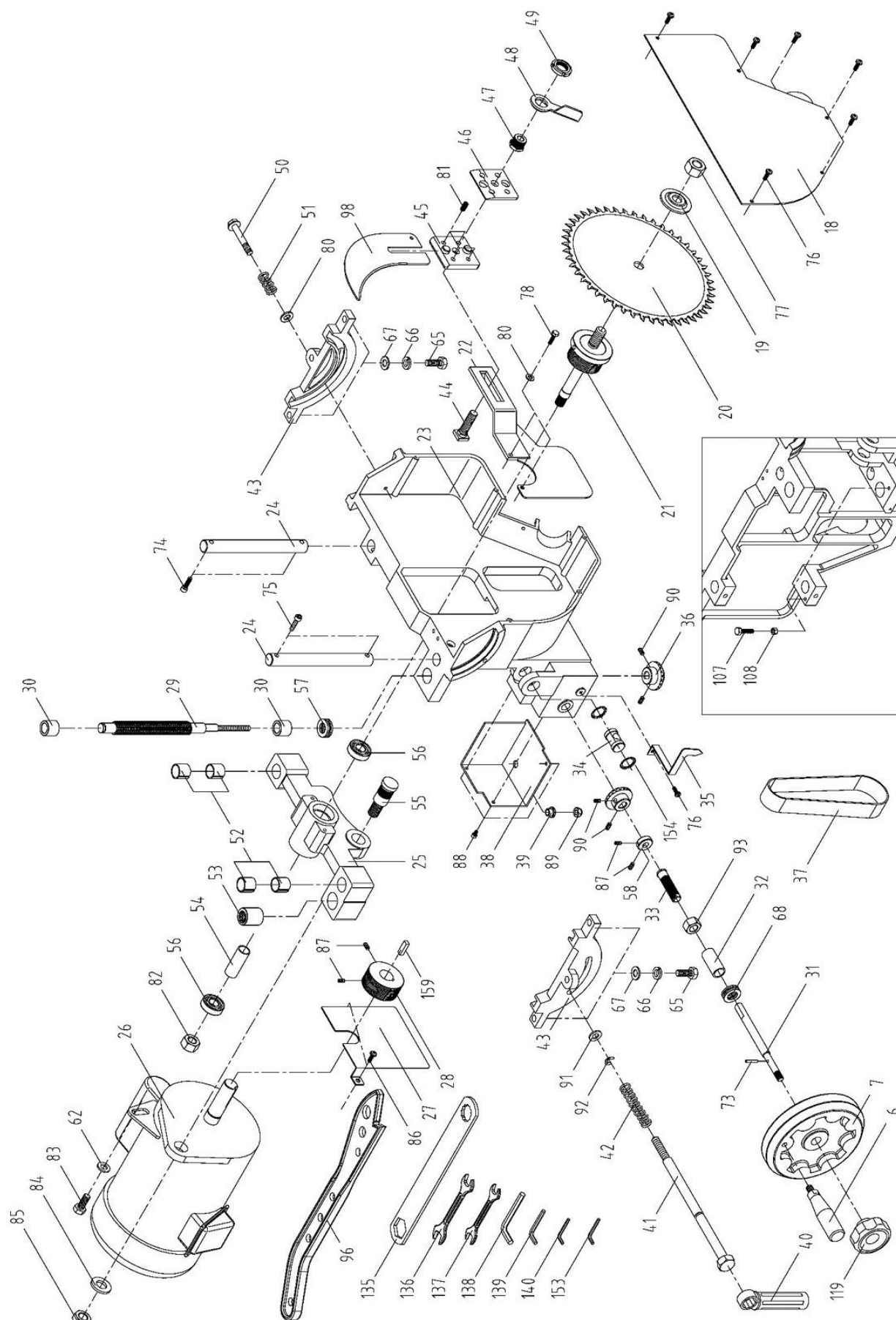
MAINTENANCE

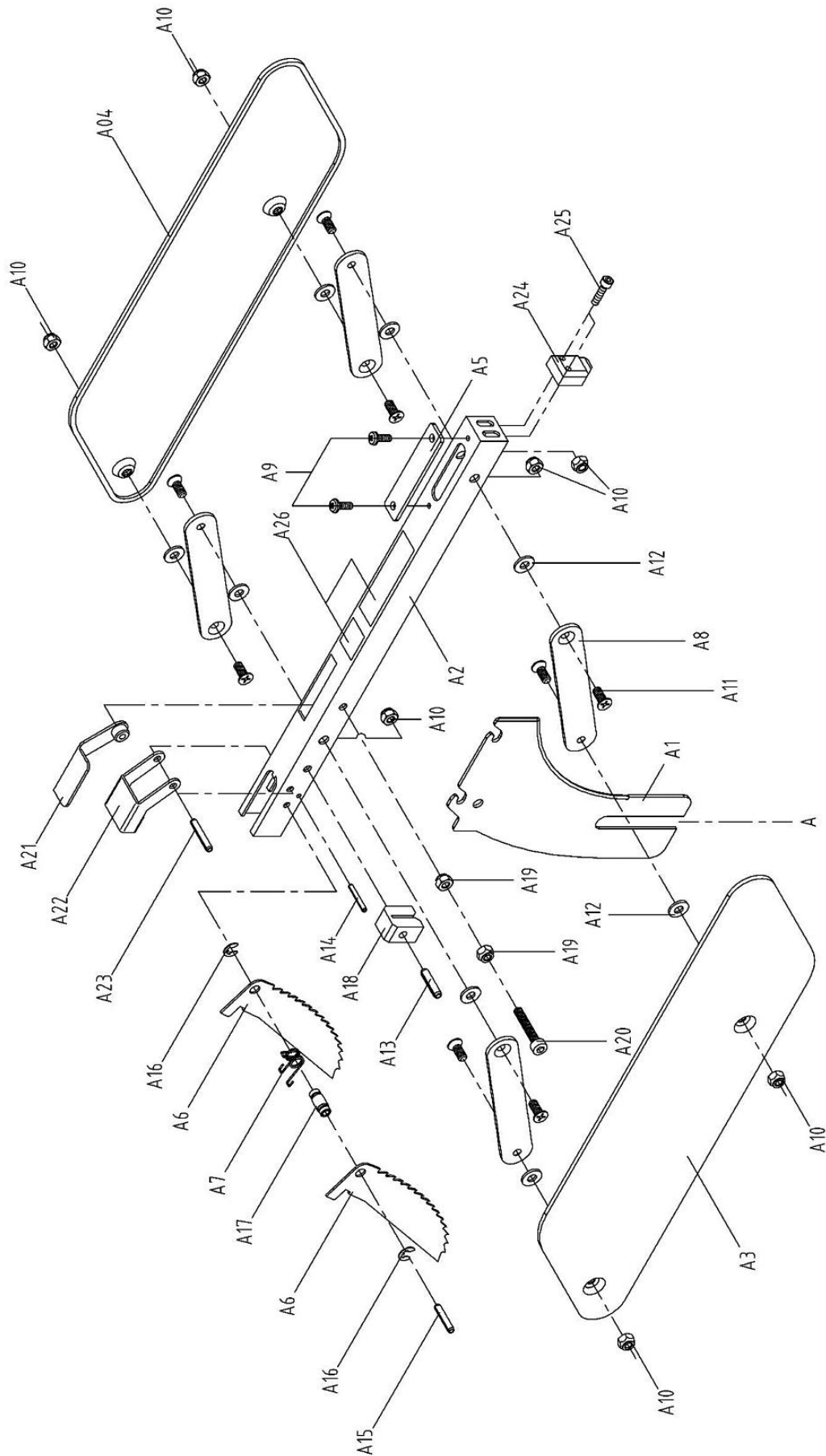
1. The unpainted components such as the precision-ground cast-iron table top should be protected with a coat of paste wax and then buffed dry.
2. Regularly vacuum all sawdust from the saw's interior and vacuum the motor openings as well.
3. Check drive belts for wear and correct tension on a regular basis.
4. Check that the blade guard and anti kickback pawls operate properly.

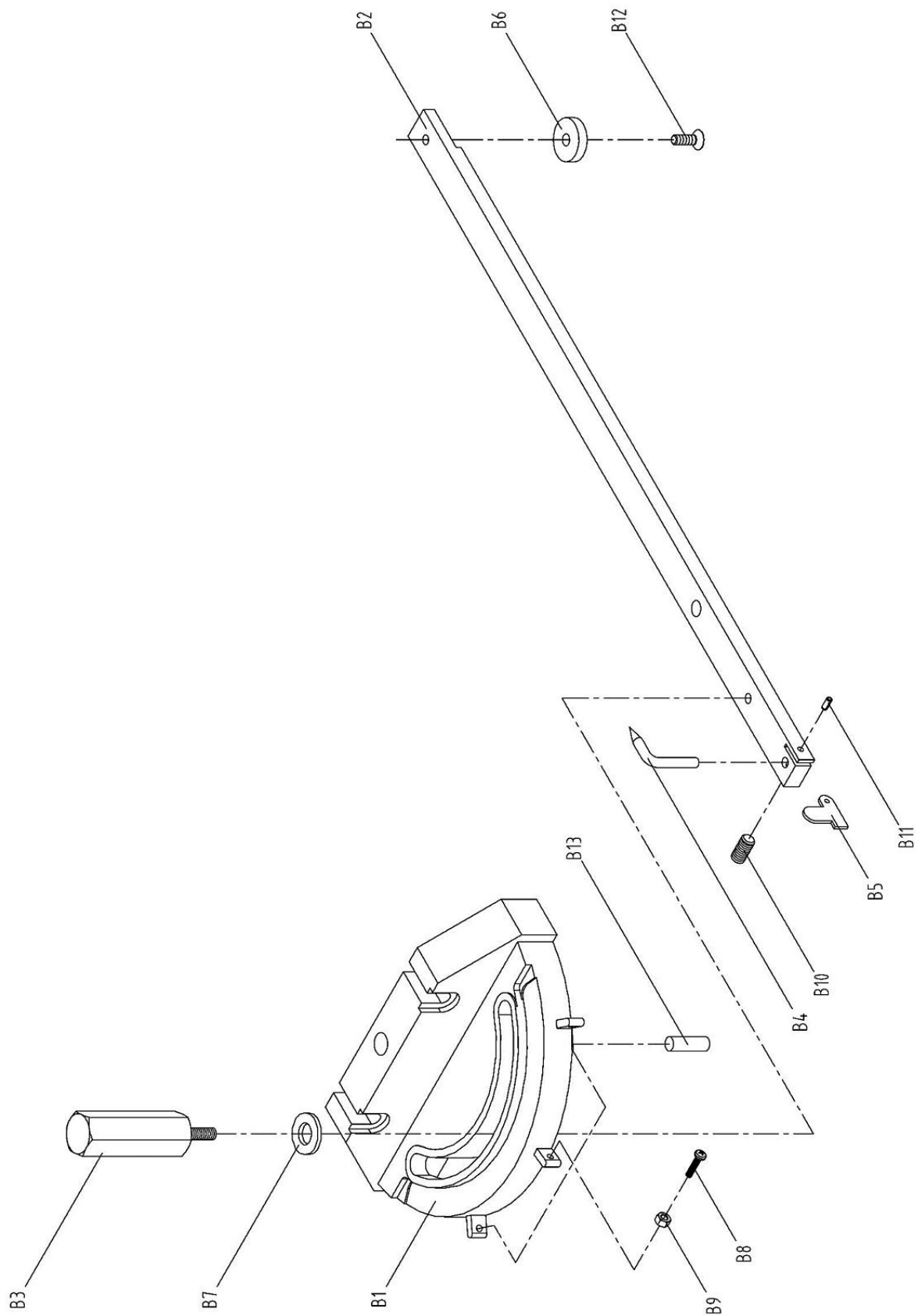
This is a detailed exploded view diagram of a mechanical assembly, likely a piece of industrial equipment. The diagram shows various components and their assembly points, indicated by dashed lines and leader lines with numbers. Key parts include:

- Top Panels:** Two large rectangular panels (1, 2) at the top, connected by a central mechanism (3, 59, 158).
- Frame and Support Structure:** A central frame (4, 10, 15) supported by four legs (11, 12, 13, 14, 15, 16, 17).
- Motor and Drive Components:** A motor unit (5) on the left, connected to a drive shaft (9) and a pulley system (7, 8, 112, 119).
- Electrical and Control Components:** A control unit (6) with a display (70, 71) and various connectors (60, 62, 66, 67, 95).
- Internal Mechanisms:** Various internal components like gears (112), belts (118), and structural supports (121, 122, 123, 124, 125, 156, 157, 158, 160, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200).

The diagram is a technical drawing showing the assembly of a machine. It includes various components like a motor, gears, belts, and structural frames, all labeled with numbers for identification. Dashed lines indicate the assembly path and alignment of the parts.







CX202 **PARTS LIST**

No.	Description	Q'ty
1	Table	1
2	Cast Iron Extension wing	2
3	Table insert	1
4	Cabinet	1
5	Motor cover	1
6	handle	2
7	Hand wheel	2
8	Wheel cover	1
9	Rod	1
10	Angel label	1
11	FOOT STAND	4
12	Foot cap	4
13	SIDE BRACKET	1
14	TOP SHORT BRACKET	2
15	SIDE BRACKET	1
16	BOTTOM LONG BRACKET	2
17	BOTTOM SHORT BRACKET	2
18	Dust collect plate	1
19	Flange	1
20	Blade	1
21	Arbor	1
22	Rupprt Rack	1
23	Body	1
24	Rod	2
25	Slide	1
26	Motor	1
27	Motor plate	1
28	Motor pulley	1
29	Lifting screw	1
30	Bush	2

No.	Description	Qty
31	Arbor	1
32	Clamp shoe	1
33	Sleeve	1
34	Rod cap	1
35	Angel indicator	1
36	Gear	2
37	Belt	1
38	Gear cover	1
39	Bearing	1
40	Handle Assy	1
41	Screw bolt	1
42	Spring	1
43	Bracket	2
44	screw	1
45	Riving knife holder	1
46	Fixed block	1
47	Hex. Nut	1
48	Riving knife handle	1
49	Nut	1
50	Hex. Screw w. washer	1
51	Spring	1
52	Bearing	4
53	Screw bushing	1
54	Sleeve	1
55	Shaft	1
56	Bearing	2
57	Bearing	1
58	Ring	1
59	Set screw M5XP0.8X5	10
60	Hex. screw M10XP1.5X25	6
62	Flat washer 10X21X2t	7
63	Bearing	1

No.	Description	Qty
64	Position ring	2
65	Hex. Screw M8XP1.25X20	12
66	Spring washer Ø8	32
67	Flat washer 8X16X2t	37
68	Bearing	1
69	Position nut	2
70	Hex. Screw M5XP0.8X10	1
71	Flat washer 5X12X1t	3
72	Motor wire	1
73	Pin Ø5X25	2
74	Cap screw M8XP1.25X20	2
75	Cap screw M8XP1.25X35	4
76	Philip Hd. Screw M5XP0.8X15	5
77	Nut	1
78	Hex. Screw M6XP1.0X25	2
79	Strain relief	3
80	Flat washer 6x19x2t	3
81	Set screw M8XP1.25X10	4
82	Hex. Nut M14XP2.0	1
83	Hex. Screw M10XP1.5X20	1
84	Flat washer 5/8"X40X3t	1
85	Locking nut 5/8"-11UNC	1
86	Philip Hd. Screw M5XP0.8X8	2
87	Set screw M5XP0.8X10	4
88	Cap screw M4XP0.7X12	3
89	Locking nut M8XP1.25	1
90	Set screw 1/4"-20UNCX3/8"	4
91	Flat washer 8X22X3t	1
92	E ring	1
93	Hex. Nut M20XP2.5	1
94	Set screw M6XP1.0X5	4
95	Hex. nut M8XP1.25	24

No.	Description	Qty
96	Push tool	1
97	Screw M8XP1.25X20	18
98	Riving knife	1
107	Hex. Screw M6XP1.0X40	2
108	Hex. Nut M6XP1.0	2
112	Tighten chain	1
113	Hex. nut M5XP0.8	2
114	Philip Hd. Screw 3/16"X24UNCX1-1/2"	2
115	Switch	1
116	Switch cover	1
117	Switch box	1
118	Power wire	1
119	Nut 3/8"	2
121	Hex. screw 1/4"-20UNCX5/8"	1
122	Spring washer Ø1/4"	1
123	Flat washer Ø1/4"xØ13x1t	2
124	Teeth washer 1/4"	3
125	Hex. Nut	2
135	Wrench	1
136	Open end wrench	1
137	Open end wrench	1
138	L-wrench 6mm	1
139	L-wrench 4mm	1
140	L-wrench 3mm	1
153	L-wrench 2.5mm	1
154	Out-teeth washer	2
155	Wire Bundle	2
156	Pin Ø 3*12	2
157	Set Screw M6xP1x8	4
158	Scrape-proof plate	1
159	Key	1
160	Dust-collecting tube	1

No.	Description	Qty
A1	Riving knife	1
A2	Supporting arm	1
A3	Guard (left)	1
A4	Guard (right)	1
A5	"see thru" plate	1
A6	Anti-back kick plate	2
A7	Spring	1
A8	Supporting plate	2
A9	Philip Hd. Screw 3/16"-24UNCX1/4"	2
A10	Locking nut 1/4"-20UNC	8
A11	Flat Hd. Screw 1/4"-20UNCX5/8"	8
A12	Flat washer 1/4"X23X3t	8
A13	Pin Ø6-30	1
A14	Pin Ø3.5-28	1
A15	Pin Ø5-28	1
A16	E-Ring	2
A17	Sleeve	1
A18	Pad	1
A19	Locking nut	2
A20	Cap screw M6XP1.0X35	1
A21	Handle	1
A22	Fixed plate	1
A23	Pin Ø5-30	1
A24	Guard	1
A25	Cap screw M5XP0.8X12	2
A26	Supporting plate	2
B1	Miter gauge	1
B2	Guide bar	1
B3	Handle	1
B4	Indicator	1
B5	Position plate	1
B6	Pad	1

No.	Description	Qty
B7	Flat washer	1
B8	Philip Hd. Screw 5/32"X32UNCX5/8"	3
B9	Hex. Nut 5/32"	3
B10	Set screw 1/4"-20UNCX1/4"	1
B11	Pin Ø3X6	1
B12	Flat Hd. Screw 1/4"X20UNCX1/4"	1
B13	Pin Ø8X20MM	1



WARRANTY

CRAFTEX 3 YEARS LIMITED WARRANTY

Craftex warrants every product to be free from defects in materials and agrees to correct such defects where applicable. This warranty covers **three years** for parts and 90 days for labour (unless specified otherwise), to the original purchaser from the date of purchase but does not apply to malfunctions arising directly or indirectly from misuse, abuse, improper installation or assembly, negligence, accidents, repairs or alterations or lack of maintenance.

Proof of purchase is necessary.

All warranty claims are subject to inspection of such products or part thereof and Craftex reserves the right to inspect any returned item before a refund or replacement may be issued.

This warranty shall not apply to consumable products such as blades, bits, belts, cutters, chisels, punches etceteras.

Craftex shall in no event be liable for injuries, accidental or otherwise, death to persons or damage to property or for incidental contingent, special or consequential damages arising from the use of our products.

RETURNS, REPAIRS AND REPLACEMENTS

To return, repair, or replace a Craftex product, you must visit the appropriate Busy Bee Tools showroom or call 1-800-461-BUSY. Craftex is a brand of equipment that is exclusive to Busy Bee Tools.

For replacement parts directly from Busy Bee Tools, for this machine, please call 1-800-461-BUSY (2879), and have your credit card and part number handy.

- All returned merchandise will be subject to a minimum charge of 15% for re-stocking and handling with the following qualifications.
- Returns must be pre-authorized by us in writing.
- We do not accept *collect* shipments.
- Items returned for warranty purposes must be insured and shipped pre-paid to the nearest warehouse
- Returns must be accompanied with a copy of your original invoice as proof of purchase. Returns must be in an un-used condition and shipped in their original packaging a letter explaining your reason for the return. Incurred shipping and handling charges are not refundable.
- Busy Bee will repair or replace the item at our discretion and subject to our inspection.
- Repaired or replaced items will be returned to you pre-paid by our choice of carriers.
- Busy Bee reserves the right to refuse reimbursement or repairs or replacement if a third party without our prior authorization has carried out repairs to the item.
- Repairs made by Busy Bee are warranted for 30 days on parts and labour.
- Any unforeseen repair charges will be reported to you for acceptance prior to making the repairs.
- The Busy Bee Parts & Service Departments are fully equipped to do repairs on all products purchased from us with the exception of some products that require the return to their authorized repair depots. A Busy Bee representative will provide you with the necessary information to have this done.
- For faster service it is advisable to contact the nearest Busy Bee location for parts availability prior to bringing your product in for repairs.