



CX207

1-1/2 HP TABLE SAW

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, feather boards or other safety devices 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.

CX207 1-1/2-HP 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 or long stock may alter the stability of the saw. In the event that this may occur, make sure that 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.



CX207 TABLE SAW

FEATURES

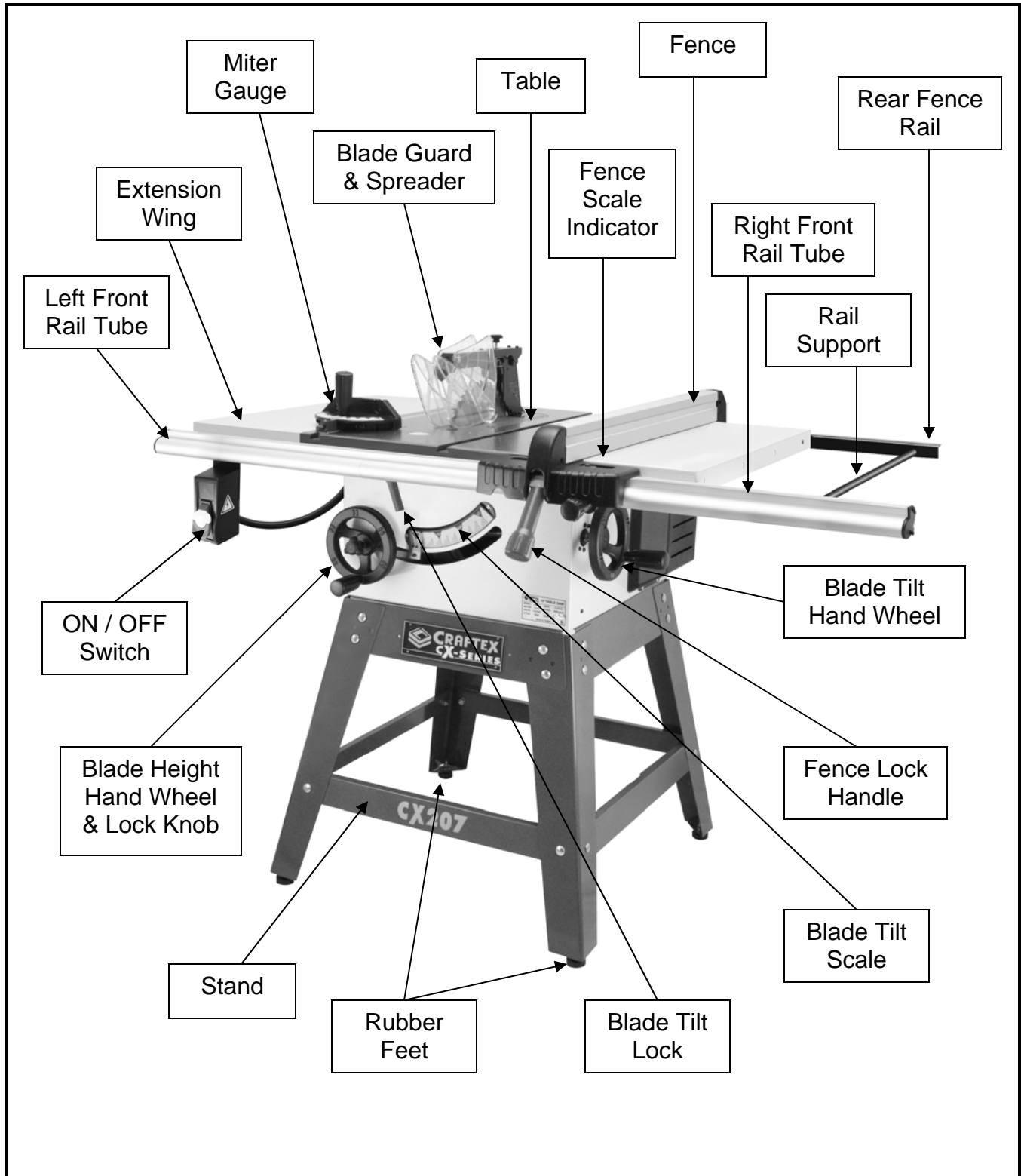
MODEL CX207 1-1/2HP TABLE SAW

As part of the growing line of Crafttex woodworking equipment, we are proud to offer the CX207 Table Saw. By following the instructions and procedures laid out in this user manual, you will receive years of excellent service and satisfaction. The CX207 is a professional tool and like all power tools, proper care and safety procedures should be adhered to.

- ⊞ Motor 1-1/2 HP, 110 V, Single Phase TEFC Motor
- ⊞ Amps 11.5 Amps
- ⊞ Speed 3600 RPM
- ⊞ Drive System 1 Belt Drive
- ⊞ Miter Gauge T-Slot Miter Gauge
- ⊞ Fence Size Length 28" x Width 1-5/8" x Height 2-1/4"
- ⊞ Fence Rail Type Extruded Aluminum
- ⊞ Fence Rail Size Length 54-3/4" x Width 2-3/4" x Height 1-3/4"
- ⊞ Table Size Width 40" x Depth 25-1/4" x Thickness 1-1/2"
- ⊞ Floor to Table Height 37"
- ⊞ Maximum Blade Diameter 10"
- ⊞ Arbor Size 5/8"
- ⊞ Arbor Speed 4000 RPM
- ⊞ Maximum Width of Dado 13/16"
- ⊞ Maximum Depth of Cut @ 90° 3-1/8"
- ⊞ Maximum Depth of Cut @ 45° 2-1/4"
- ⊞ Maximum Rip to Right of Blade 30"
- ⊞ Maximum Rip to Left of Blade 12"
- ⊞ Dust Collection Ports One 2.5" Port
- ⊞ Dimensions 38-1/4x 54-3/4" x 43"
- ⊞ Approximate Weight 199 lbs.
- ⊞ Warranty 3 Years

CX207 1-1/2-HP TABLE SAW

PHYSICAL FEATURES



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.

NOTICE!

While doing inventory, if you can not find any part, check if the part has already been installed on the machine. Some parts come pre-assembled for shipping purposes.

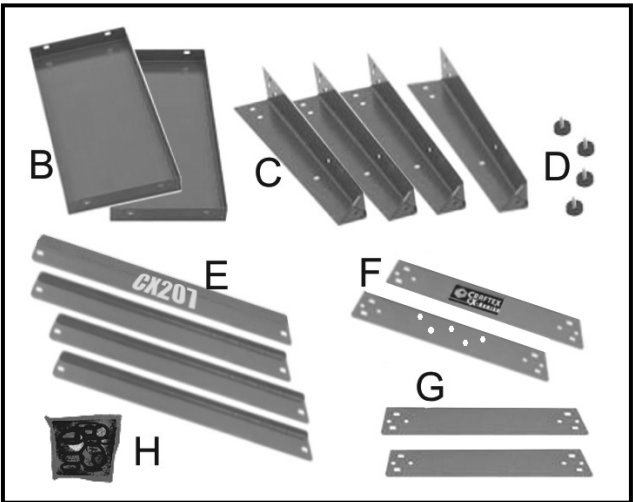


Figure-1 Stand Inventory

LIST OF CONTENTS	QTY
A. Table Saw (not shown).....	1
B. Extension Wings	2
C. Legs	4
D. Rubber Feet	4
E. Lower Stand Braces (long).....	4
F. Upper Stand Braces (Front & Back)	2
G. Upper Stand Braces (Sides).....	2
H. Hardware Bag	1

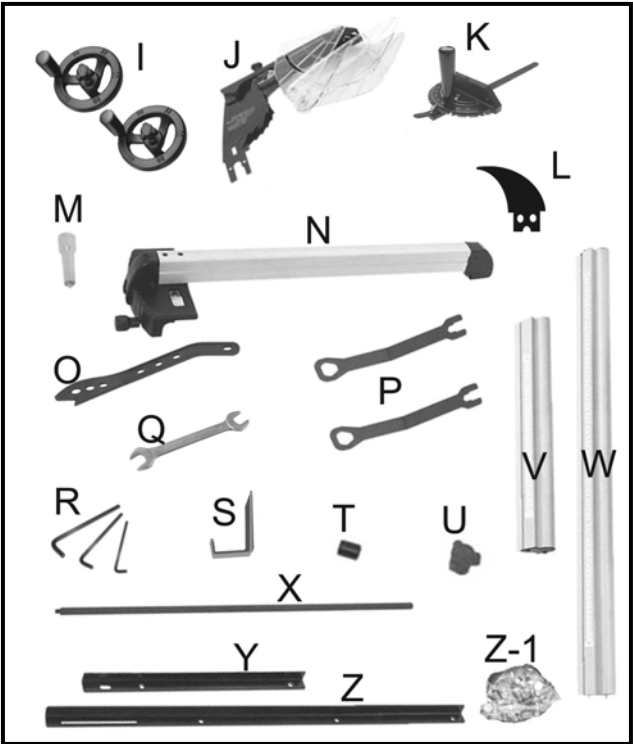


Figure-2 Inventory

LIST OF CONTENTS	QTY
I. Blade Tilt & Height Hand Wheels.....	2
J. Blade Guard Assembly	1
K. Miter Gauge	1
L. Riving Knife.....	1
M. Fence Handle	1
N. Fence.....	1
O. Push Stick.....	1
P. Spindle Arbor Wrenches	2
Q. Wrench	1
R. Hex Wrenches	3
S. Push Stick Holder	1
T. Height Hand Wheel Bushing.....	1
U. Blade Height Lock Knob	1
V. Left Front Rail	1
W. Right Front Rail.....	1
X. Rail Support Rod.....	1
Y. Left Rear Rail.....	1
Z. Right Rear Rail.....	1
Z-1. Hardware Bag.....	1

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 and you will want to remove this before you begin assembly. Use a solvent cleaner that will not damage painted surfaces.

WARNING!

CX207 is a very heavy machine, do not over-exert yourself. For safe moving method use fork truck or get the help of an assistant or friend.

When setting up your machine, you will want to find an ideal spot where your table saw will most likely be positioned most of the time. Consider your complete work environment as well as working comfortability with the table saw before placing your machine in the ideal spot.

PROPER GROUNDING

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

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

This machine is for use on a normal 110 volts circuit. Make sure that the machine 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.

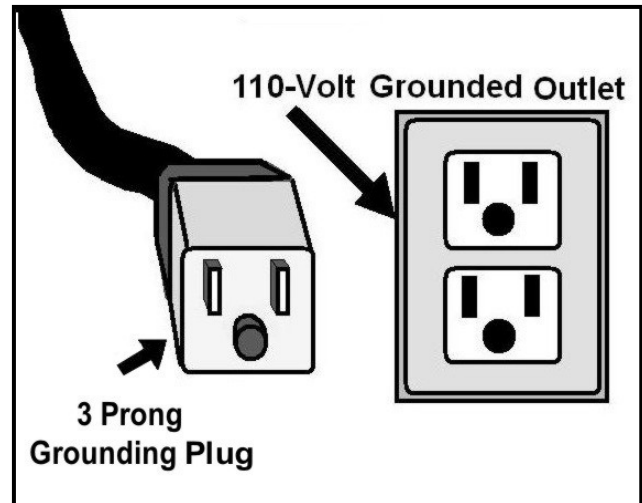


Figure-3 110-Volts Outlet for CX207

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 CX207. Always try to position your machine close to the power source so that you do not need to use extension cords.

If 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. Check for heat build up periodically.

Your CX207 should be wired with a 3-prongs plug fitting a 3 prong grounded receptacles as shown in figure-3. 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.

ASSEMBLY

To assemble your CX207, follow the instructions given below:

Attach the upper short brace to two stand legs and secure it using carriage bolts, washers and nuts provided. See figure-4.



Figure-4 Attaching upper short brace to the legs

Attach one of the lower long brace to the leg assembly and secure it using carriage bolts, washers and nuts provided. See figure-5.



Figure-5 Installing the lower short brace to the leg assembly

Assemble the other two legs with the short braces in the same manner.

Attach the leg assemblies with the two lower and two upper braces using carriage bolts, washers and nuts provided. See figure-6. Hand tighten the nuts for now.

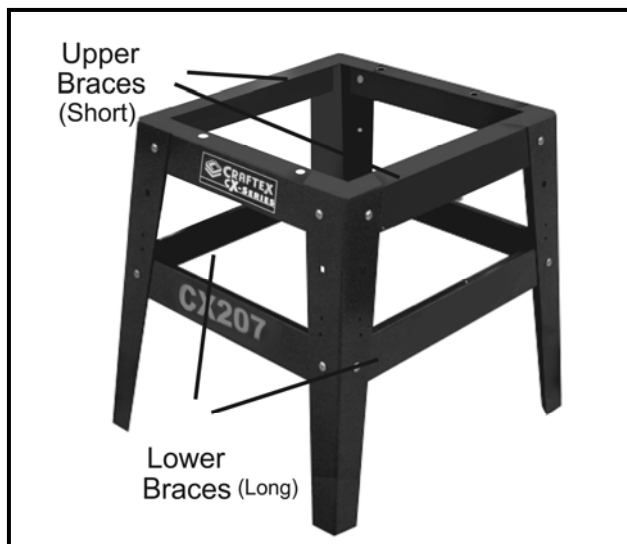


Figure-6 Stand assembly

Now put the stand upside down and attach a rubber foot to the bottom of each stand legs using flat washer and hex nut as shown in figure-7.



Figure-7 Installing the rubber feet to the legs

Insert the bushing onto the front hand wheel shaft and slide the hand wheel onto the shaft with it is flat side aligned with the flat side of the shaft. Thread the lock knob onto the shaft as shown in figure-8.

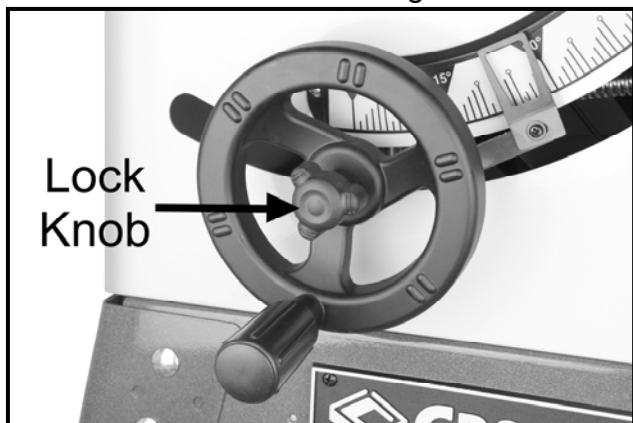


Figure-8 Installing blade height hand wheel

Now, turn the hand wheel and lower the blade all the way into the saw.

Put the a piece of cardboard on the floor and place the table saw upside down on the cardboard to prevent the table from being scratched.

Place the stand upside down onto the table saw, making sure that the CX207 model number is facing the same direction as the front of the table saw. See figure-9.



Figure-9 Attaching stand to the table saw

Secure the stand to the saw body using hex bolts, washers and hex nuts provided.

WARNING!

CX207 is a very heavy machine, do not over-exert yourself. For safe moving method use fork truck or get the help of an assistant.

Now, get the help of an assistant and turn the saw upright with the stand and place a level on the table.

Adjust the hex nuts on the rubber feet shown in figure-10 and make sure the saw is level from all four sides and tighten all the nuts and bolts on the stand.

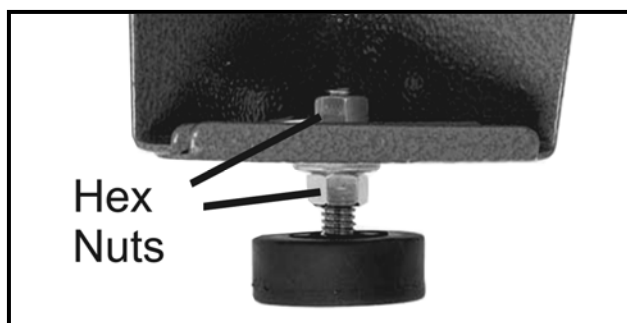


Figure-10 Adjusting rubber feet hex nuts

Remove the cap screw on the shaft and slide the blade tilt hand wheel onto the shaft with it is flat side aligned with the flat side of the shaft. Secure it using the cap screw removed from the shaft. See figure-11.



Figure-11 Installing blade tilt hand wheel

Inspect the mating surfaces of the extension table and main table for any foreign material that can cause misalignment when assembled.

Make sure the mating surfaces of the main table and the extension wings are clean and attach the extension wings to the table with the help of an assistant holding the table. Secure it using hex bolts and washers provided. See figure 12.



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, use a masking tape (not provided) along the bottom edge of the main table to shim the extension wing up.

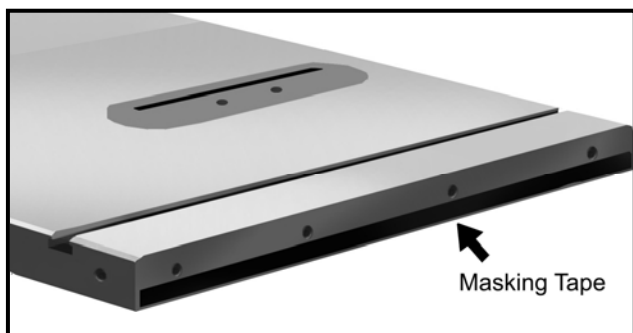


Figure-13 Using masking tape to shim the extension wing up

If the mating surface of the extension wing tilts up, use a masking tape (not provided) along the top edge of the main table to shim the extension wing down.

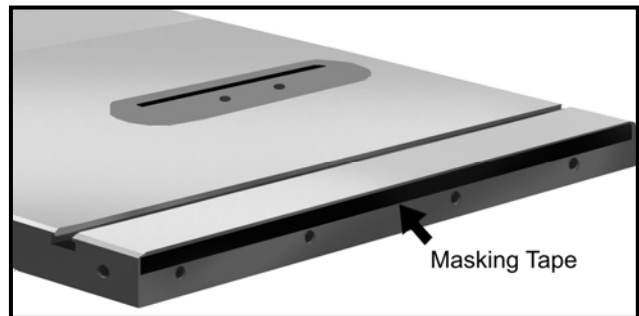


Figure-14 Using masking tape to shim the extension wing down

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

Install the right rear rail to the table and right extension wing and install the left rear rail to the table and to the left extension wing using hex bolts, hex nuts and washers provided. See figure-15. Do not fully tighten the nuts and bolts at this time.

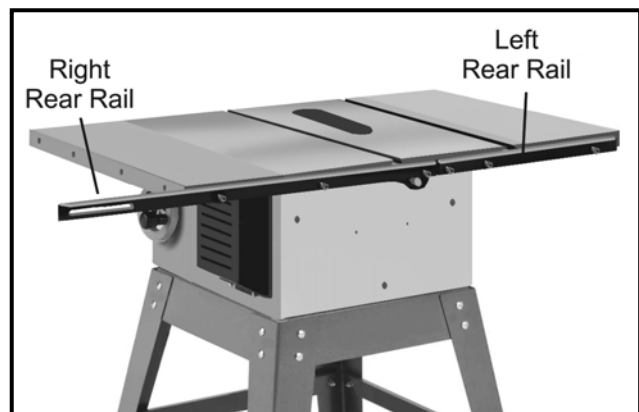


Figure-15 Installing the rear rails

Make sure the bottom of the rails are aligned with the bottom edges of the table

and the top part of the rails are flush with each other and parallel to the table and extension wings. Now, tighten all the fasteners properly.

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. See figure-16.

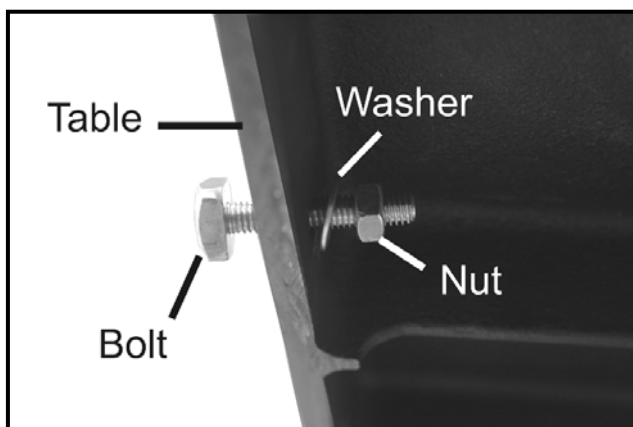


Figure-16 Nut and bolt to secure the front fence rail to the table and wings

Slide the front right rail onto the bolt through the slot on the rail and then slide the front right rail onto the bolts. See figure-17.

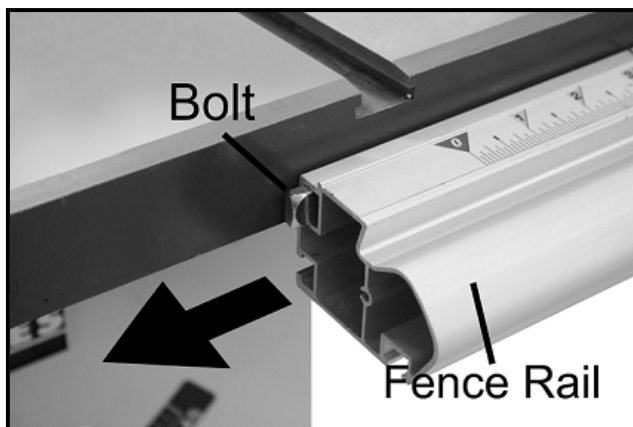


Figure-17 Installing the front fence rail

Connect the left and right fence rails to each other by sliding the two pins located on the end of the right rail into the holes on the left rail and tighten all the fasteners.

Attach the fence handle to the fence by threading it into the fence and place the fence on the front and rear rails.

Make sure the bracket at the back of the fence is below the rear rails as shown in figure-18.



Figure-18 Correct fence position on the rear rail

Attach the support shaft to the sliding rail plate with a screw (provided) and slide the sliding rail plate into the rear slot on the front rail. Attach the opposite end of the support shaft to the rear rail using a knob (provided). See figure-19.

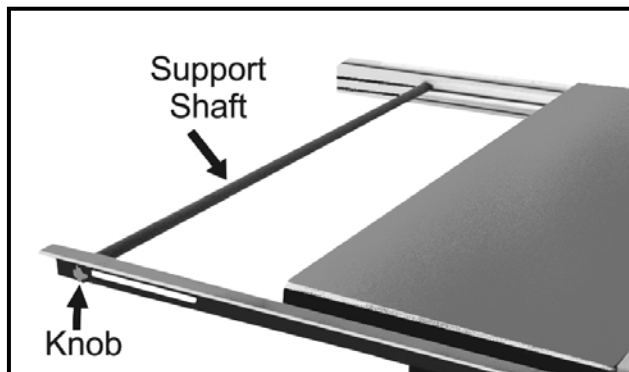


Figure-19 Installing the support shaft

Insert the nuts into the rear slot on the front left rail and align the nuts with the mounting holes on the switch bracket. Use screws and washer and secure the switch bracket to the rail. See figure-20.

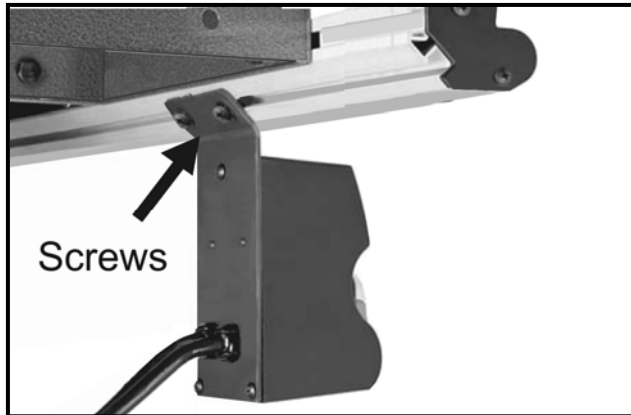


Figure-20 Installing the switch on the rail

Attach the push stick holder to the band saw and secure it using a bolt and washer. See figure-21.



Figure-21 Installing the push stick holder

Install the table insert onto the table opening as shown in figure-22.

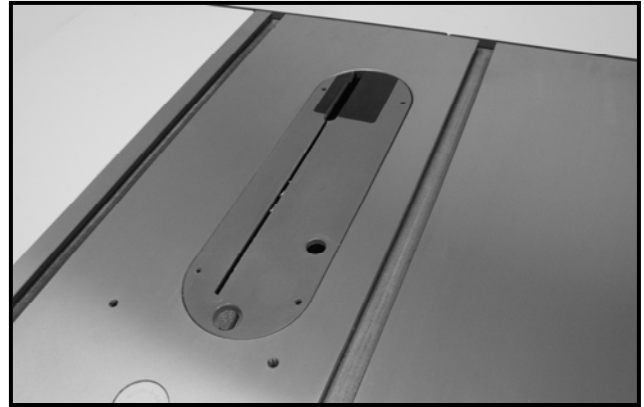


Figure-22 Installing table insert

CONNECTING TO A DUST COLLECTOR

The CX207 features a 2.5" 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 CX207 to ensure adequate dust collection.

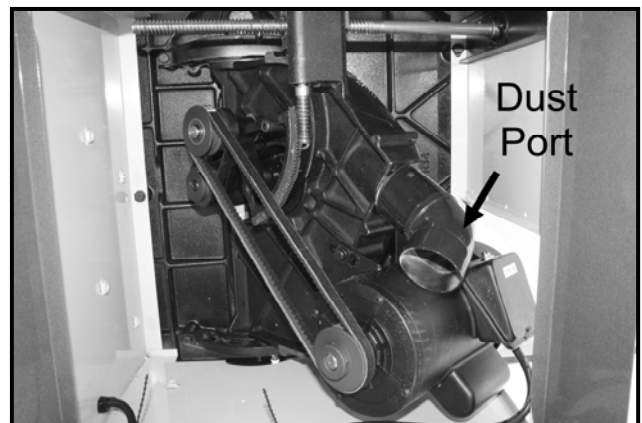


Figure-23 Connecting to a dust collector

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.



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. Failure to do so may cause serious personal injury.

During the test run you should make sure that the machine operates properly when turned ON. Check all the safety features on the machine and make sure all the safety features work properly.

5. Turn OFF the machine.
6. Remove the safety key on the switch to disable the ON button.
7. Try to turn the machine ON. The machine should not start without the safety key.

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.

TO TEST RUN THE MACHINE:

1. Make sure you have read the manual and understood all the safety instructions given in it.
2. Remove all the tools and objects from the machine, used during set up and assembly.
3. Lower the blade all the way down.
4. Connect the power cord to the matched outlet and push the ON button (green) on the switch box.

SPREADER

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

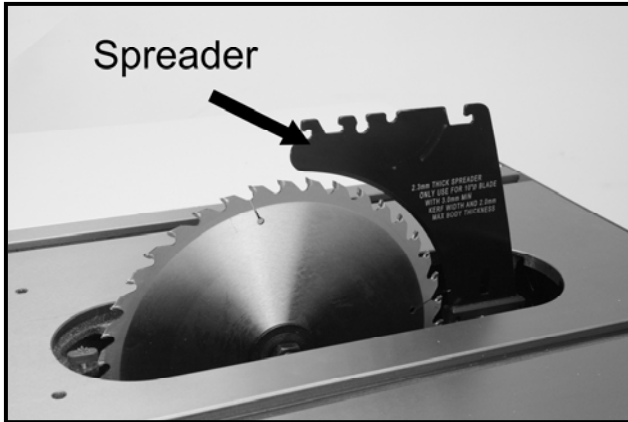


Figure-24 Spreader

ANTI-KICK BACK PAWLS

The anti-kick pawls are installed onto the spreader. The anti-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.

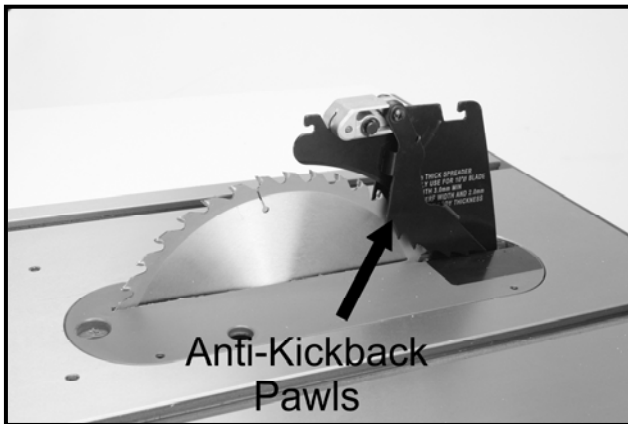


Figure-25 Anti-kickback pawls

BLADE GUARD

The clear polycarbonate guard allows the operator to see the blade cutting the work-piece during 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 the wood chips to fly and injure the operator and it also prevents from accidental contacts of objects with the blade.

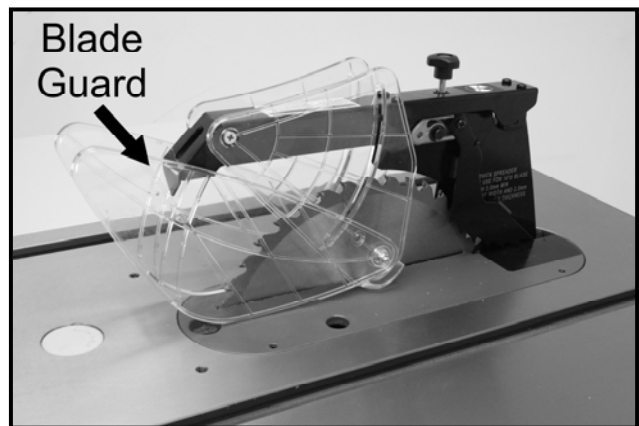


Figure-26 Blade guard

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.

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 .

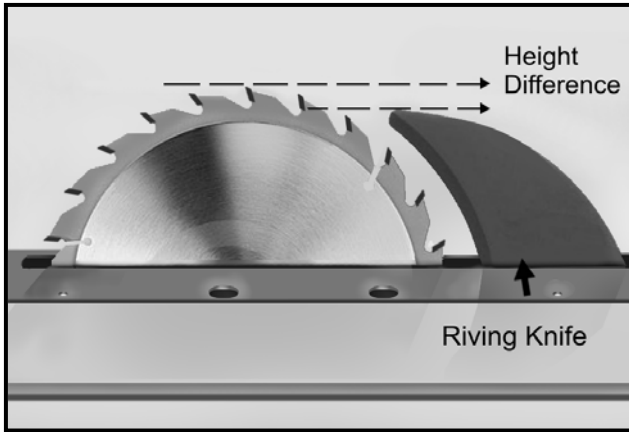


Figure-27 Riving knife

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.

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.

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 object which is dangerous to come on 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 seriously damage the blade. For a safe cutting method always inspect your work-

piece carefully before cutting and wear eye protection.

Some woods with excessive twisting or wrapping are un-stable 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 doing the operation, 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.

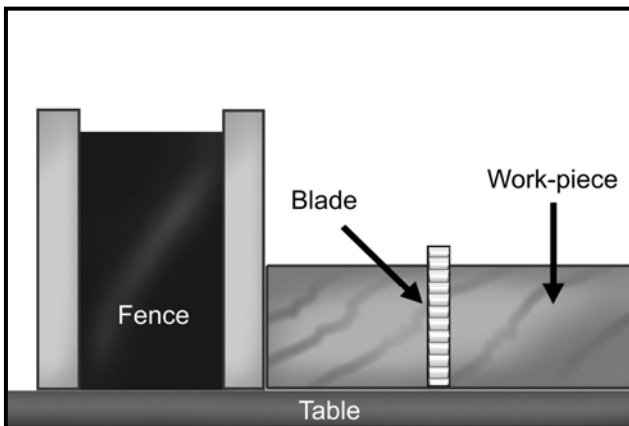


Figure-28 Shows an example of through cut

For clarity the blade guard assembly is not shown in figure-28 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.

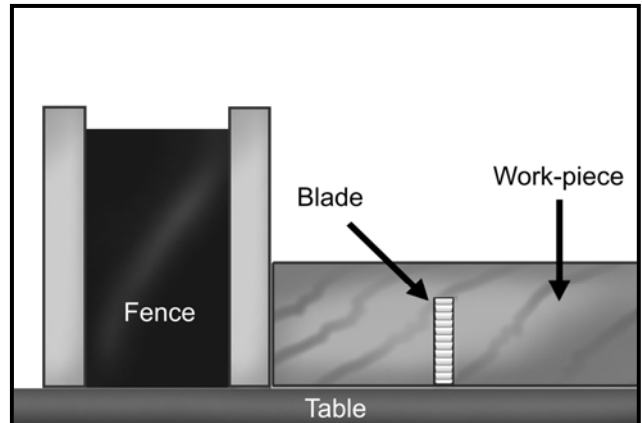


Figure-29 shows an example of non-through cut with standard saw blade

For clarity figure-29 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 table height hand-wheel to set the guide post assembly 1/4" above the work-piece. Make sure that blade guard assembly is working properly and install other safety devices like feather board, if needed.

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-30.



Figure-30 Ripping operation

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 from and make sure the miter guide is at 90° position on the miter slot. 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 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-31 Crosscutting operation

MITER CUTS

Miter cut is an angled crosscut performed in the same manner as crosscut, using 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-32.

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.

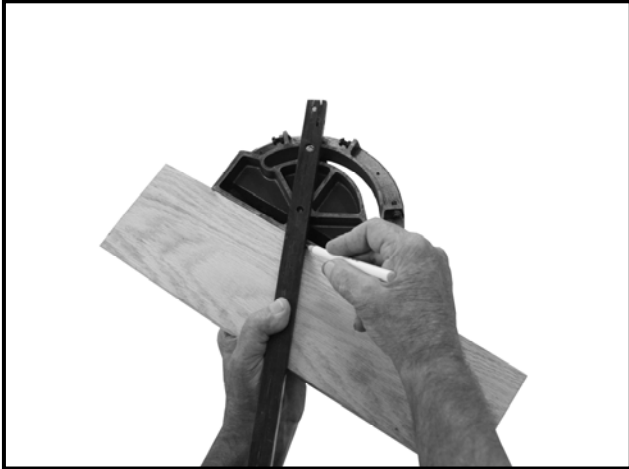


Figure-32 Marking the angle of cut

BEVEL CUTS

The CX207 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, rotate the blade tilt hand wheel to the desired angle, looking at the tilt scale and lock the hand wheel by tightening the lock at the center of the hand wheel.

After that, proceed to make the cut in the same manner as in “Cross Cutting”. See page-18.

ADJUSTMENTS

MAIN TABLE TO BLADE PARALLELISM

Your CX207 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-33.



Figure-33 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 in the trunnion mounting locations and slightly tap the trunnions as needed. When the table is parallel to the blade, re-tighten the mounting bolts.

BLADE GUARD SPREADER & 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.

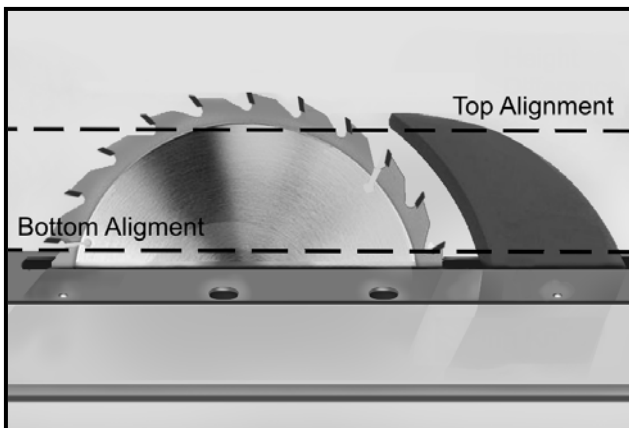


Figure-34 Using a straight-edge to check the top and bottom alignment

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.

The spreader or riving knife mounting position can be adjusted by adjusting the set screws located on the spreader/riving knife mounting block.

TO ADJUST THE ALIGNMENT:

Turn “OFF” the table saw and remove the cord from the power source.

Remove the table insert and loosen the two cap screws on the mounting block and adjust the set screws to move the spreader/riving knife.

The set screws are to control the top, side (left & right) and bottom adjustment of the spreader/riving knife.

Adjust the two side screws to an equal amount to move the front of the spreader/riving knife left or right.

Now, check the alignment, using a straight-edge. Once the spreader/riving knife is in the correct position, tighten the two cap screws on the mounting block.

BELT TENSION AND REPLACEMENT

The belt stretches with use and needs to be checked and tensioned properly as the table saw is used.

Turn the table saw "OFF" and remove the cord from the power source.

Loosen the lock nut and the hex bolt shown in figure-35.

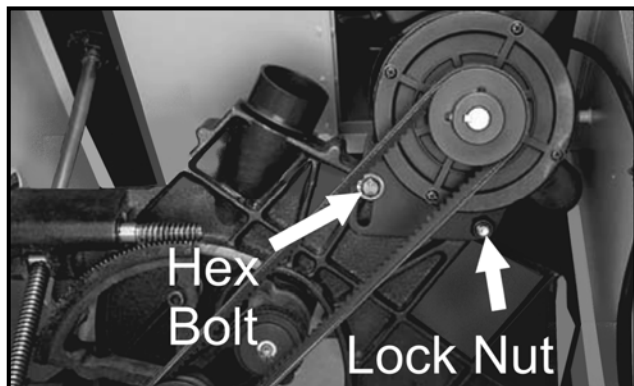


Figure-35 Loosening the motor mounting fasteners

Push the motor down and replace the belt with a new one.

Push the motor up with one hand to tension the belt tight. Once there is approximately 1/2" deflection in the belts when applying moderate pressure using your finger, re-tighten the lock nut and the hex bolt.

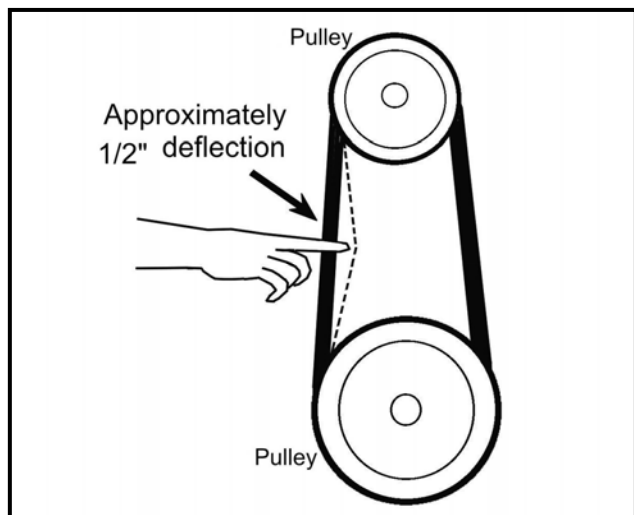


Figure-36 Correct tension on the V-belt

MAINTENANCE

During the life of your machine, you will need to practice some regular maintenance to keep your table saw in peak performance condition.

WARNING!

Make sure the machine's power switch is OFF and the cord is disconnected from the power source when installing / removing any part or servicing the sander.

Check your machine daily for the following before use:

- Damaged or worn sanding belt
- Damaged or worn power cord
- Loose mounting nuts, bolts, and parts
- Any other unsafe condition

CLEANING

The moisture from the wood dust remaining on the conveyor belt and other parts of the machine. The table and other unpainted surfaces of the machine should be cleaned and wiped after every use to make sure there is no moisture against bare metal surfaces.

LUBRICATION

The dust built up on the lubricated components make them hard to move. Before lubricating the components, make sure to clean them first.

The following components on the CX207 needs to be lubricated. Use grease to lubricate the components and rotate the hand wheel to spread the grease.

- Trunnion Slides
- Tilt Lead Screw
- Bevel Gear
- Elevation Lead Screw

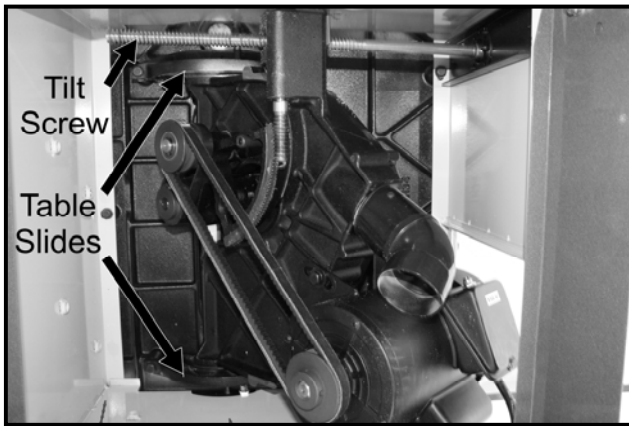


Figure-37 Lubricating trunnion slides and tilt lead screw

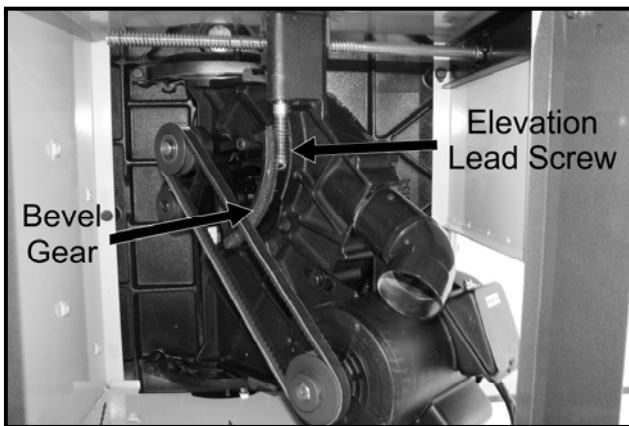
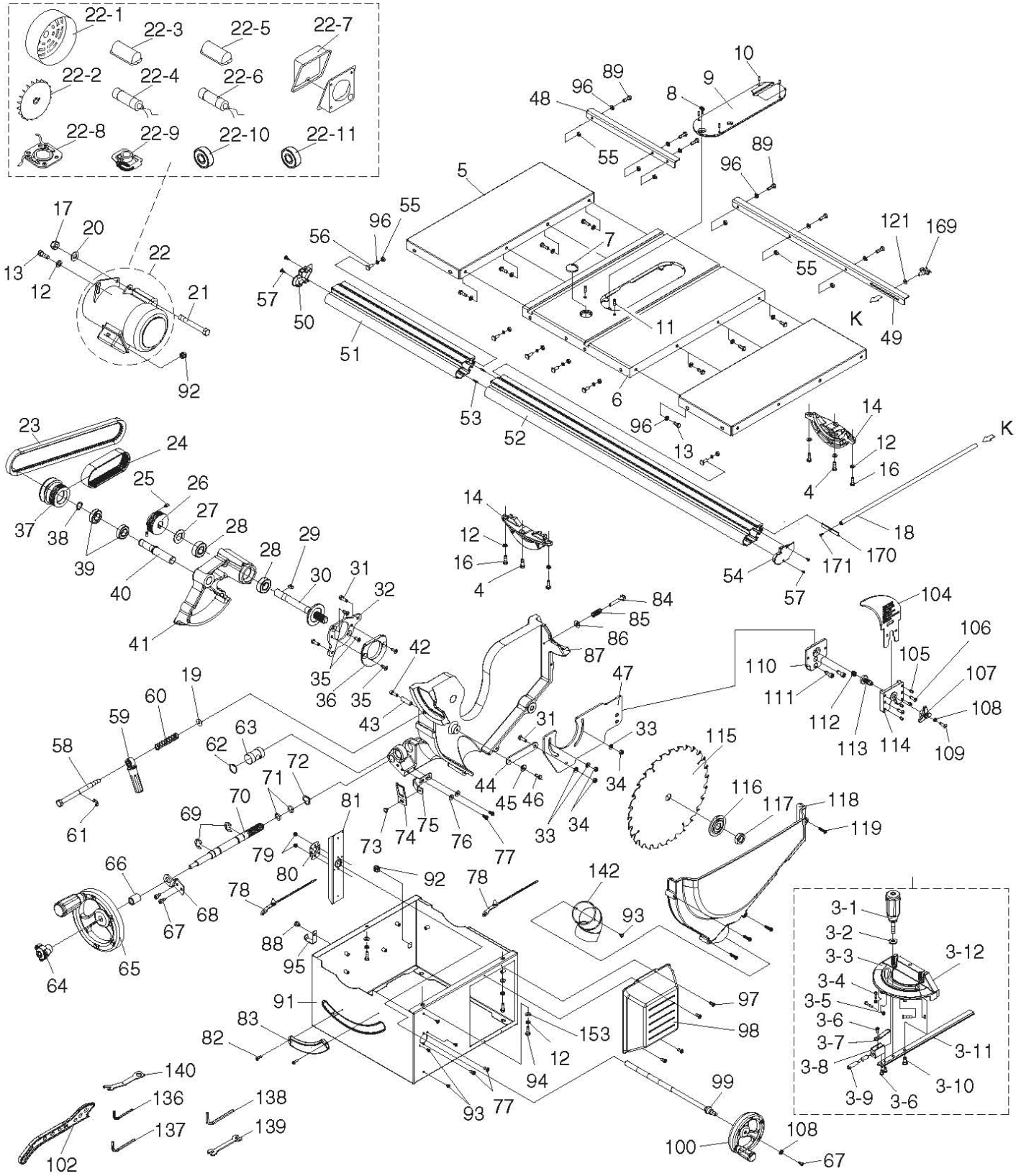


Figure-38 Lubricating bevel gear and elevation lead screw

CX207 PARTS BREAKDOWN & LIST

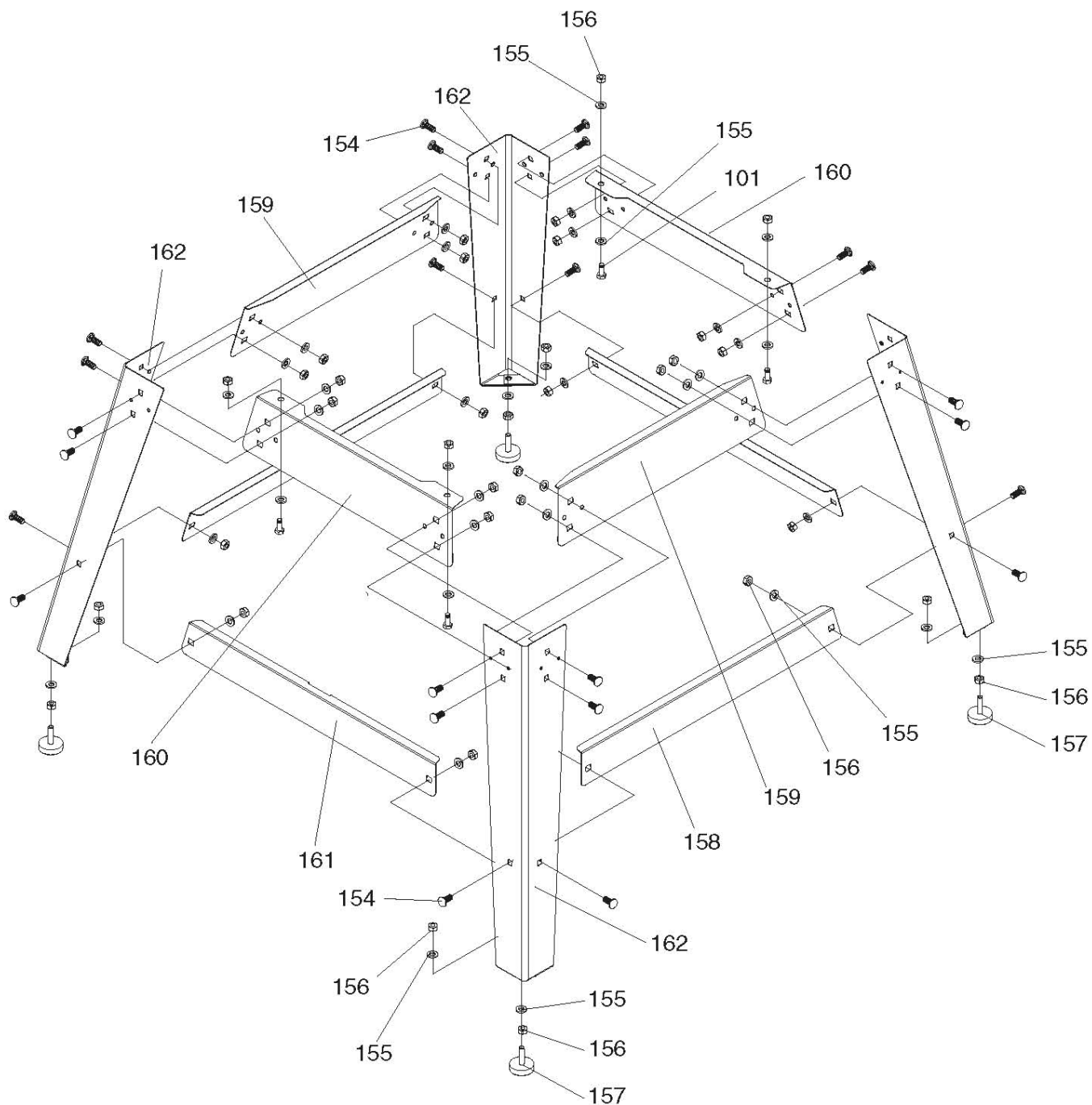


REF#	PART#	DESCRIPTION
3	P0732003	MITER GAUGE ASSEMBLY
3-1	P0732003-1	MITER GAUGE HANDLE
3-2	PW01M	FLAT WASHER 8MM
3-3	P0732003-3	MITER GAUGE BODY
3-4	PS52M	PHLP HD SCR M4-.7 X 20
3-5	PN04M	HEX NUT M4-.7
3-6	PS09M	PHLP HD SCR M5-.8 X10
3-7	P0732003-7	MITER GAUGE POINTER
3-8	P0732003-8	SLIDING SHAFT BLOCK
3-9	P0732003-9	SLIDING SHAFT
3-10	P0732003-10	SHOULDER SCREW M7 X 4, M6-1 X 8
3-11	P0732003-11	MITER GAUGE PLATE
3-12	P0732003-12	MITER GAUGE SCALE LABEL
4	P0732004	SHOULDER BOLT M15.5 X 10, M8-1.25 X 8
5	P0732005	EXTENSION WING
6	P0732006	TABLE
7	P0732007	ALIGN-A-CUT MARKER
8	P0732008	LOCK KNOB M5-.8
9	T21876	ZERO CLEARANCE TABLE INSERT
10	PSS53M	SET SCREW M5-.8 X 12
11	PSS09M	SET SCREW M8-1.25 X 20
12	PLW04M	LOCK WASHER 8MM
13	PB09M	HEX BOLT M8-1.25 X 20
14	P0732014	TRUNNION
16	PB07M	HEX BOLT M8-1.25 X 25
17	PLN05M	LOCK NUT M10-1.5
18	P0732018	RAIL SUPPORT SHAFT
20	PW04M	FLAT WASHER 10MM
21	PB13M	HEX BOLT M10-1.5 X 80
22	P0732022	MOTOR 1.5HP 1PH 110/220V
22-1	P0732022-1	MOTOR FAN COVER
22-2	P0732022-2	MOTOR FAN
22-3	P0732022-3	R CAPACITOR COVER
22-4	P0732022-4	R CAPACITOR 30M 350V 1-1/2 X 2-3/8
22-5	P0732022-5	S CAPACITOR COVER
22-6	P0732022-6	S CAPACITOR 200M 250V 1-3/8 X 3-1/8
22-7	P0732022-7	MOTOR JUNCTION BOX
22-8	P0732022-8	CONTACT PLATE
22-9	P0732022-9	CENTRIFUGAL SWITCH
22-10	P0732022-10	FRONT MOTOR BEARING
22-11	P0732022-11	REAR MOTOR BEARING
23	P0732023	BELT 17-320
24	P0732024	RIBBED V-BELT 125J-6
25	PSS01M	SET SCREW M6-1 X 10
26	P0732026	SPINDLE PULLEY
27	P0732027	SPINDLE WASHER 15MM
28	P6202-2RS	BALL BEARING 6202 2RS
29	PK14M	KEY 5 X 5 X 18
30	P0732030	ARBOR SPINDLE
31	PB08M	HEX BOLT M6-1 X 20
32	P0732032	SPINDLE PLATE
33	PW03M	FLAT WASHER 6MM
34	PLN03M	LOCK NUT M6-1
35	PFH02M	FLAT HD SCR M6-1 X 12
36	P0732036	SPINDLE BRACKET

REF#	PART#	DESCRIPTION
37	P0732037	TRANSFER PULLEY
38	PR05M	EXT RETAINING RING 15MM
39	P6002-2RS	BALL BEARING 6002-2RS
40	P0732040	TRANSFER PULLEY SHAFT
41	P0732041	GEARED BEARING HOUSING
42	PCAP05M	CAP SCREW M8-1.25 X 50
43	P0732043	BUSHING
44	P0732044	LINK ARM
45	P0732045	BUSHING
46	PB107M	HEX BOLT M5-.8 X 12
47	P0732047	RIVING KNIFE MOUNTING PLATE
48	P0732048	LEFT REAR RAIL
49	P0732049	RIGHT REAR RAIL
50	P0732050	LEFT FRONT RAIL CAP
51	P0732051	LEFT FRONT RAIL
52	P0732052	RIGHT FRONT RAIL
53	P0732053	RAIL MOUNTING PIN
54	P0732054	RIGHT FRONT RAIL CAP
55	PN03M	HEX NUT M8-1.25
56	P0732056	T-BOLT M8-1.25 X 20
57	PHTEK15M	TAP SCREW M4 X 10
58	P0732058	TRUNNION ANGLE LOCK SHAFT
59	P0732059	LOCK SHAFT HANDLE
60	P0732060	COMPRESSION SPRING
61	PEC015M	E-CLIP 8MM
62	PR93M	INT RETAINING RING 24MM
63	P0732063	HANDWHEEL SHAFT
64	P0732064	BLADE HEIGHT LOCK KNOB
65	P0732065	BLADE HEIGHT HANDWHEEL
66	P0732066	HEIGHT HANDWHEEL BUSHING
67	PCAP33M	CAP SCREW M5-.8 X 12
68	P0732068	HANDWHEEL MOUNTING PLATE
69	PEC12M	E-CLIP 12MM
70	P0732070	HEIGHT LEADSCREW
71	PORP012	O-RING 11.8 X 2.4 P12
72	P0732072	WAVE WASHER 16MM
73	P0732073	PHLP HD SCR M4-.7 W/WASHER
74	P0732074	BLADE ANGLE POINTER
75	P0732075	BLADE ANGLE POINTER BRACKET
76	PW03M	FLAT WASHER 6MM
77	PS08M	PHLP HD SCR SCREW M5-.8 X 12
78	P0732078	CHAIN
79	PLN02M	LOCK NUT M5-.8
80	P0732080	TILT LEADSCREW BRACKET
81	P0732081	TILT LEADSCREW SUPPORT PLATE
82	PS02M	PHLP HD SCR M4-.7 X 12
83	P0732083	TILT PLATE W/SCALE
84	PFB28M	FLANGE BOLT M6-1 X 40
85	P0732085	COMPRESSION SPRING
86	PW03M	FLAT WASHER 6MM
87	P0732087	TRUNNION BRACKET
88	P0732088	HEX BOLT M8-1.25 X 10 W/WASHER
89	PCAP14M	CAP SCREW M8-1.25 X 20
91	P0732091	CABINET
92	P0732092	STRAIN RELIEF SB8R-1

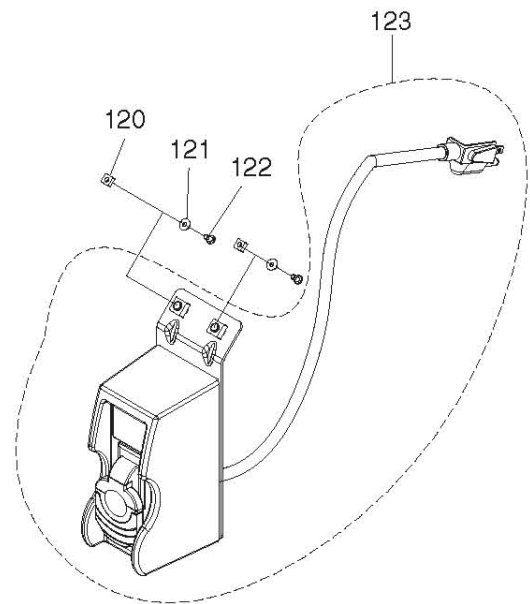
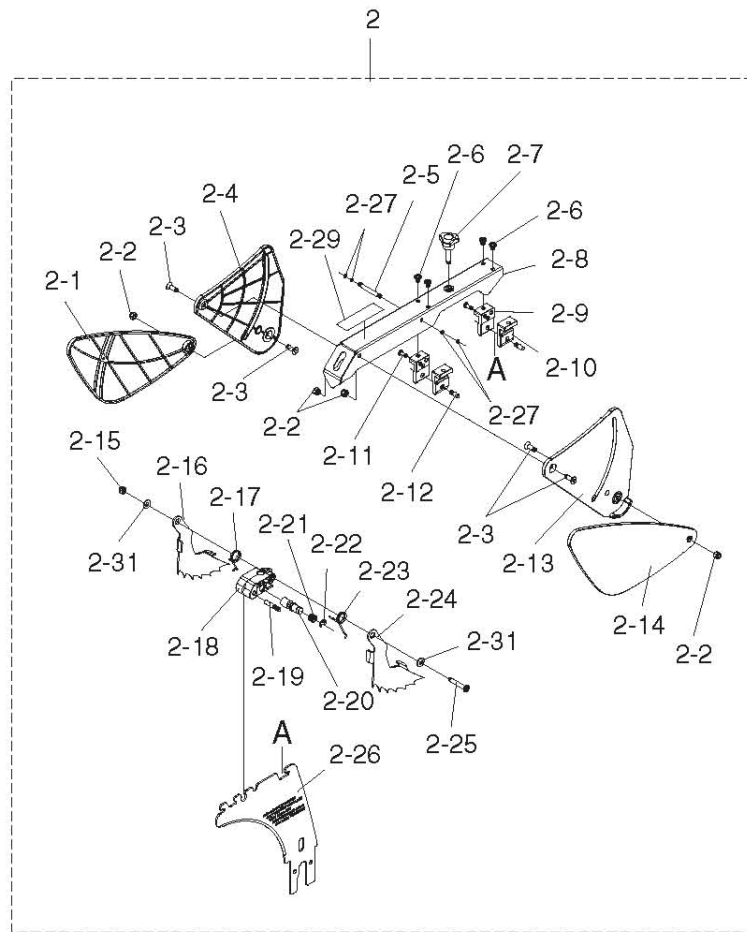
REF#	PART#	DESCRIPTION
93	PHTEK15M	TAP SCREW M4 X 9
94	PB03M	HEX BOLT M8-1.25 X 16
95	P0732095	PUSH STICK HOLDER
96	PLW04M	LOCK WASHER 8MM
97	PS38M	PHLP HD SCR M4-.7 X 10
98	P0732098	MOTOR ACCESS COVER
99	P0732099	LEADSCREW TILT SHAFT
100	P0732100	BLADE TILT HANDWHEEL
102	P0732102	PUSH STICK
104	P0732104	RIVING KNIFE
105	PSS31M	SET SCREW M5-.8 X 8
106	PBHS16M	BUTTON HD CAP SCR M5-.8 X 16
107	P0732107	STAR HANDLE
108	PLW01M	LOCK WASHER 5MM
109	PBHS06M	BUTTON HD CAP SCR M5-.8 X 12
110	P0732110	MOUNTING BASE
111	PCAP52M	CAP SCREW M8-1.25 X 10
112	P0732112	COMPRESSION SPRING

REF#	PART#	DESCRIPTION
113	P0732113	LOCKING BOLT
114	P0732114	MOUNTING PLATE
115	P0732115	BLADE 10" X 40T
116	P0732116	BLADE MOUNTING FLANGE
117	P0732117	ARBOR NUT 5/8"-12 RH
118	P0732118	BLADE COVER
119	PS60M	PHLP HD SCR M5-.8 X 30
121	PW03M	FLAT WASHER 6MM
136	PAW02.5M	HEX WRENCH 2.5MM
137	PAW04M	HEX WRENCH 4MM
138	PAW06M	HEX WRENCH 6MM
139	PWR1113	WRENCH 11 X 13 OPEN ENDS
140	P0732140	ARBOR WRENCH 25MM
142	P0732142	DUST CHUTE
153	PW01M	FLAT WASHER 8MM
169	P0732169	KNOB M6-1 X 12
170	P0732170	REAR SLIDING PLATE
171	PFH25M	FLAT HD SCR M4-.7 X 12



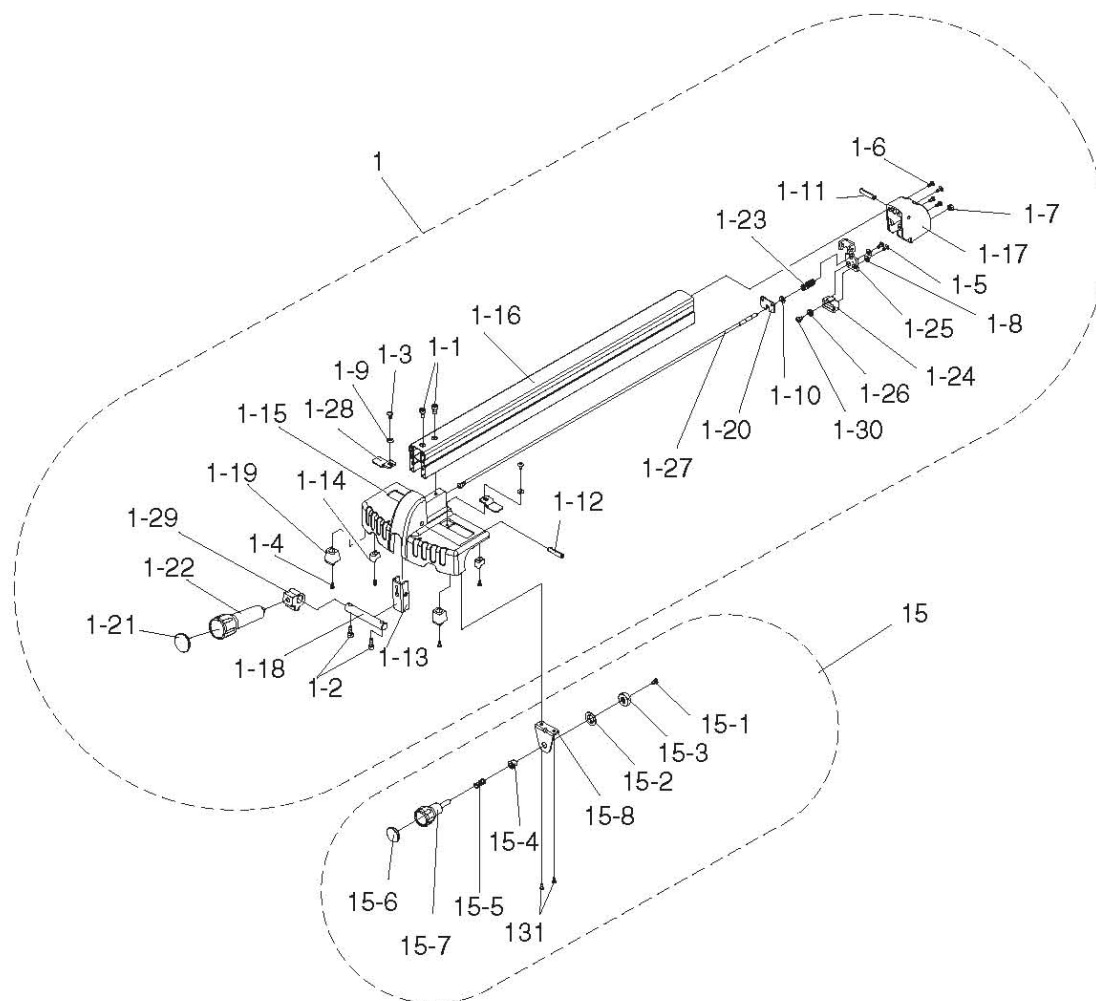
REF#	PART#	DESCRIPTION
101	PB09M	HEX BOLT M8-1.25 X 20
154	PCB06M	CARRIAGE BOLT M8-1.25 X 16
155	PW01M	FLAT WASHER 8MM
156	PN03M	HEX NUT M8-1.25
157	P0732157	RUBBER FOOT M8-1.25 X 20

REF#	PART#	DESCRIPTION
158	P0732158	LONG LOWER STAND BRACE
159	P0732159	LONG UPPER STAND BRACE
160	P0732160	SHORT UPPER STAND BRACE
161	P0732161	SHORT LOWER STAND BRACE
162	P0732162	STAND LEG



REF#	PART#	DESCRIPTION
2	P0732002	BLADE GUARD ASSEMBLY
2-1	P0732002-1	LEFT PLATE
2-2	PLN02M	LOCK NUT M5-.8
2-3	PFH01M	FLAT HD SCR M5-.8 X 15
2-4	P0732002-4	LEFT COVER
2-5	P0732002-5	ROD CENTER PIN
2-6	PS19M	PHLP HD SCR M5-.8 X 6
2-7	P0732002-7	KNOB BOLT
2-8	P0732002-8	ROD
2-9	P0732002-9	LEFT BRACKET
2-10	P0732002-10	RIGHT BRACKET
2-11	PBHS24M	BUTTON HD CAP SCR M4-.7 X 10
2-12	P0732002-12	MOUNTING PIN
2-13	P0732002-13	RIGHT COVER
2-14	P0732002-14	RIGHT PLATE
2-15	PLN02M	LOCK NUT M5-.8
2-16	P0732002-16	LEFT PAWL

REF#	PART#	DESCRIPTION
2-17	P0732002-17	RIGHT TORSION SPRING
2-18	P0732002-18	PAWL MOUNTING BRACKET
2-19	P0732002-19	MOUNTING BRACKET PIN
2-20	P0732002-20	MOUNTING BRACKET SHAFT
2-21	P0732002-21	SHAFT SPRING
2-22	PEC07M	E-CLIP 7MM
2-23	P0732002-23	LEFT TORSION SPRING
2-24	P0732002-24	RIGHT PAWL
2-25	PS60M	PHLP HD SCR M5-.8 X 30
2-26	P0732002-26	SPREADER
2-27	PORP003	O-RING 2.8 X 1.9 P3
2-29	P0732202	BLADE GUARD LABEL
2-31	PW02M	FLAT WASHER 5MM
120	PSN02M	SQUARE NUT M6-1
121	PW03M	FLAT WASHER 6MM
122	PS14M	PHLP HD SCR M6-1 X 12
123	P0732123	SWITCH ASSY W/CORD 14G 3C 5-15



REF#	PART#	DESCRIPTION
1	P0732001	FENCE ASSEMBLY
1-1	PCAP04M	CAP SCREW M6-1 X 10
1-2	PCAP02M	CAP SCREW M6-1 X 20
1-3	PS05M	PHLP HD SCR M5-.8 X 8
1-4	PHTEK4M	TAP SCREW M4 X 8
1-5	PS38M	PHLP HD SCR M4-.7 X 10
1-6	PHTEK6M	TAP SCREW M4 X 16
1-7	PLN03M	LOCK NUT M6-1
1-8	PW05M	FLAT WASHER 4MM
1-9	PW02M	FLAT WASHER 5MM
1-10	PW03M	FLAT WASHER 6MM
1-11	PRP32M	ROLL PIN 6 X 40
1-12	PRP110M	ROLL PIN 8 X 40
1-13	P0732001-13	PLATE
1-14	P0732001-14	REAR SLIDING BLOCK
1-15	P0732001-15	FRONT FENCE BLOCK
1-16	P0732001-16	FENCE TUBE
1-17	P0732001-17	FENCE CAP
1-18	P0732001-18	SHAFT
1-19	P0732001-19	FRONT SLIDING BLOCK
1-20	P0732001-20	TIGHTENING ROD PLATE

REF#	PART#	DESCRIPTION
1-21	P0732001-21	FENCE HANDLE CAP
1-22	P0732001-22	FENCE HANDLE
1-23	P0732001-23	COMPRESSION SPRING
1-24	P0732001-24	LOCKING PLATE BLOCK
1-25	P0732001-25	LOCKING PLATE
1-26	P0732001-26	PLASTIC FLAT WASHER 6MM
1-27	P0732001-27	FENCE TIGHTENING ROD
1-28	P0732001-28	POINTER
1-29	P0732001-29	CAM
1-30	P0732001-30	SHOULDER SCREW M4 X 6, M4-.7 X 5
15	P0732015	MICRO ADJUSTMENT ASSY
15-1	PS05M	PHLP HD SCR M5-.8 X 8
15-2	P0732015-2	INT TOOTH WASHER 12MM
15-3	P0732015-3	RUBBER WHEEL
15-4	P0732015-4	BUSHING
15-5	P0732015-5	COMPRESSION SPRING
15-6	P0732015-6	MICRO ADJUSTMENT KNOB CAP
15-7	P0732015-7	ADJUSTMENT KNOB M5-.8
15-8	P0732015-8	ADJUSTMENT KNOB BRACKET
131	PS05M	PHLP HD SCR M5-.8 X 8



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.