CT146 – 10” TABLE SAW

INDEX

GENERAL SAFETY INSTRUCTIONS

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.

• 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 JEWELLERY 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.
• **NEVER** make crosscuts with the rip fence in place.
• **NEVER** attempt to cut material that is warped or twisted.
• **NEVER** attempt a procedure if it does not feel safe or comfortable.

• **ALWAYS** keep blades, knives and bits sharpened and properly aligned.
• **ALWAYS** keep all safety guards in place and ensure their proper function.
• **ALWAYS** use push sticks and feather boards to safely feed your work though the machine.
• **ALWAYS** make sure that any tools used for adjustments are removed before operating the machine.
• **ALWAYS** secure your work with the appropriate clamps or vises.
• **ALWAYS** keep bystanders safely away while the tool is in operation.

THINK SAFETY. WORK SAFELY.

ADDITIONAL SAFETY RULES FOR CONTRACTOR SAW

1. Keep hands and fingers out of the saw blade path. Use extra caution when making bevel cuts.

2. Always use blade guard and splitter for every operation for which it can be used, including through sawing.

3. Always support work with table and fence or miter gauge.

4. Never use fence and miter gauge together.

5. Make sure the saw blade is securely mounted before operating.

6. Never remove jammed or cut-off pieces until power is off and blade has stopped.

7. Feed workpiece into the saw blade against the rotation of the blade or cutter only.

8. Do not perform any operation freehand.

9. Do not use lubricants or cleaners (particularly spray or aerosol) in the vicinity of the plastic guard. Certain chemicals can corrode the polycarbonate material used in the guard.

10. Understand kickback and take steps to reduce the risk of kickback.

11. Disconnect the contractor saw from the power source and remove the switch paddle before changing the setup, or removing any covers, guards or the sawblade.

12. Never reach around or over saw blade.

SAW BLADE AND SPLITTER

The table saw is equipped with a blade guard and splitter assemblv that covers the blade and prevents accidental contact. The splitter is a flat plate that fits into the cut made by the saw blade and effectively reduces the chance of kickback by lessening the tendency of the blade to bind in the cut. The splitter can only be used when making through cuts that sever the wood. When making dadoes, rabbets and other cuts that make less than through cuts, the blade guard and splitter must be removed from the saw.

NOTE: Be sure to re-install guard and splitter after these cuts. Two anti-kickback pawls are located on the sides of the splitter that allow the wood to pass through the blade in the cutting direction but lock it if it tries to move backwards toward the operator.

TERMINOLOGY:

Through Sawing refers to any cut that severs the workpiece. Push-Stick refers to a wooden stick, usually homemade, that is used to push small workpieces through the saw and keeps the operator's hands clear of the blade. Kickback occurs when the saw blade binds in the cut and violently thrusts the workpiece back toward the operator. Freehand refers to cutting without the use of a miter gauge or rip fence, or any other means of guiding or holding the workpiece with the operator's hand.

KICKBACK- HOW TO AVOID IT AND PROTECT YOURSELF FROM POSSIBLE INJURY

The dangers of kickback cannot be overstated. It is caused by the workpiece binding against the blade. The result is that the workpiece can move rapidly in a direction opposite to the feed direction. During kickback, the workpiece can be thrown back at the operator. It can also drag the operator's hand into the blade if the operator's hand is in the wrong place. To prevent the danger of kickback, follow these guidelines:

1. Always use the guard, and make certain it is in good working order. The guard's splitter helps prevent binding, and the anti-kickback pawls on each side of the splitter minimize the possibility of kickback. Use extra caution until the workpiece is through the splitter and has engaged the anti-kickback pawls.

KICKBACK- HOW TO AVOID IT AND PROTECT YOURSELF FROM POSSIBLE INJURY

2. Do not saw warped, bowed or cupped wood. The workpiece must have one straight smooth side to go against the rip fence or miter gauge. The workpiece must sit flat on the table without rocking.

3. Do not cut "freehand". Always use either the rip fence or the miter gauge. Never use both.

4. Use extra care when the guard assembly cannot be used (during dadoing or molding).

5. Support large workpieces carefully. Allowing them to sag or drop can cause kickback.

6. Be certain that the rip fence is parallel to the saw blade.

7. Do not rip by applying the feed force to the section of the workpiece that will become the cut off (free) piece. Feed force when ripping should always be applied between the saw blade and the fence; use a push stick for short work 6" wide or less. For less than 2" wide, you must use a special fixture.

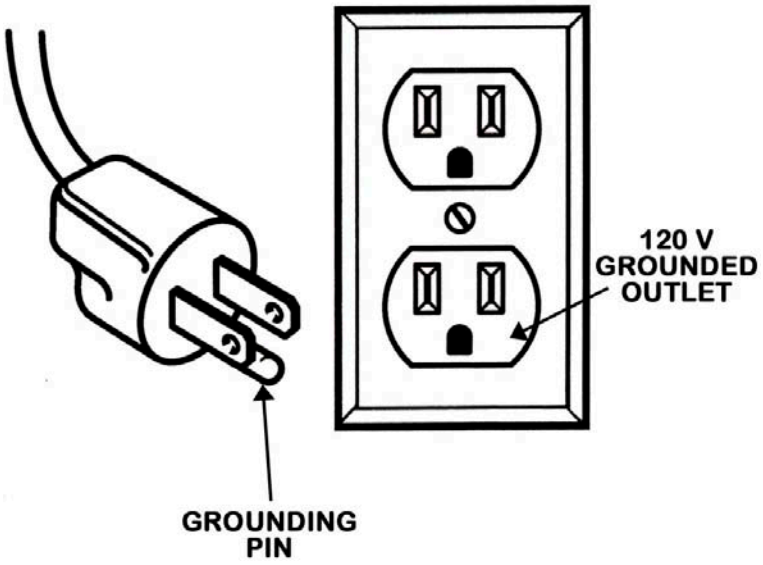
8. Keep saw blade guard, splitter and anti-kickback pawls in place and operating properly. Keep pawls sharp. If pawls are not operational, return your unit to your dealer for repair. The splitter must be in alignment with the saw blade and the pawls must stop a kickback once it has started. Check their action before ripping.

9. Plastic and composite materials such as hardboard can be cut on this table saw. However, please note that these materials are usually quite hard and slippery, and the anti-kickback pawls may not stop a kickback. Therefore, be especially attentive to following proper setup and cutting procedures for ripping.

   Use saw blade guard and splitter for every operation in which they can be used, including all through sawing.

GROUNDING

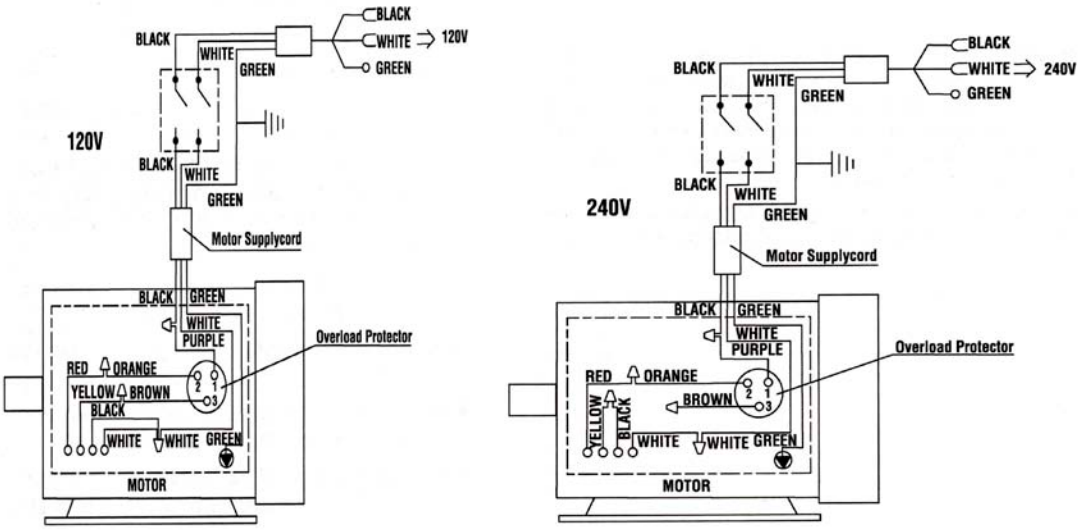
To prevent possible electrical hazards, have a qualified electrician ensure that the line is properly wired. This machine is pre-wired to be use with a 120 volt power supply and ensure the cord is plugged into a grounded power outlet.



CHANGING FROM 110V TO 220V

This table saw is pre-wired for 110V, 60 Hz. The following diagrams will help explain the procedure to change over from 110V to 220V. The use of a qualified technician is needed for this procedure.

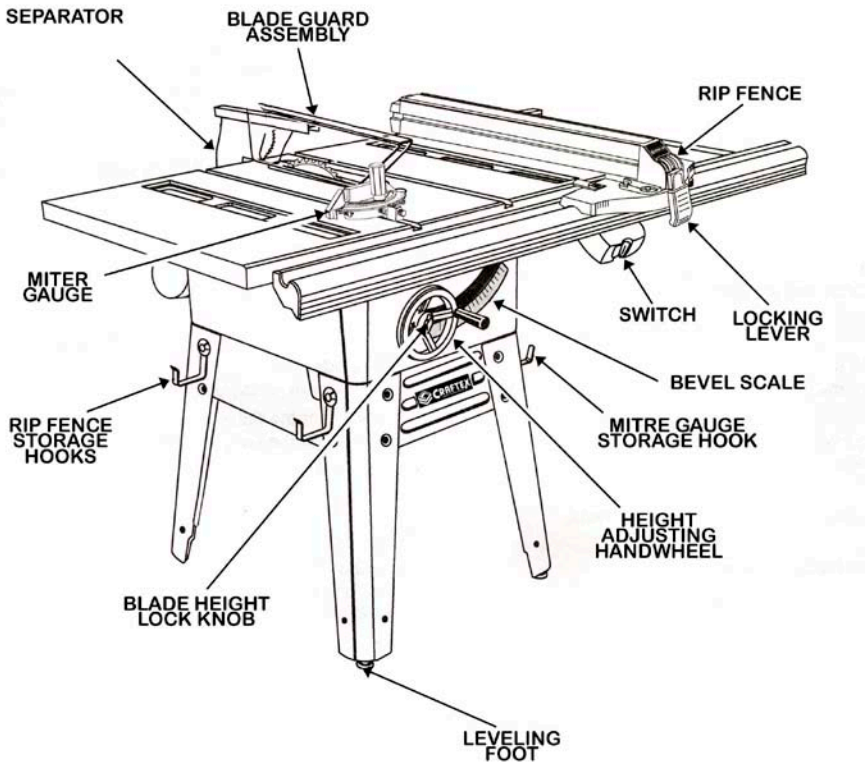
First, unplug the saw. Located on the top of the junction box, remove the Philips screw at the back of the junction box and lift off the cover.
Remove the electric holding tape from the wire connectors and remove the wire connectors at the same time. Reconnect the leads and re-install the wire connector. Wrap each wire with new UL approved electrical tape, 2 layers is sufficient.
Recheck your wiring diagrams and reinstall the junction box cover using the Phillips screw. At this point cut off the 110V power cord plug and replace it with a 3-prong 220 V 15AMP UL approved plug. Connect the power cord white and black leads respectively to the hot plug blade terminals. Connect the green grounding wire to the plug ground prong terminal.
You can now plug your saw into a 220-240V, 15 amp, 3-prong receptacle.
You need to ensure that the power supply is a 240V branch circuit having at least 15 amp capacity and is protected by a 15 amp time-delay fuse or circuit breaker.



INTRODUCTION

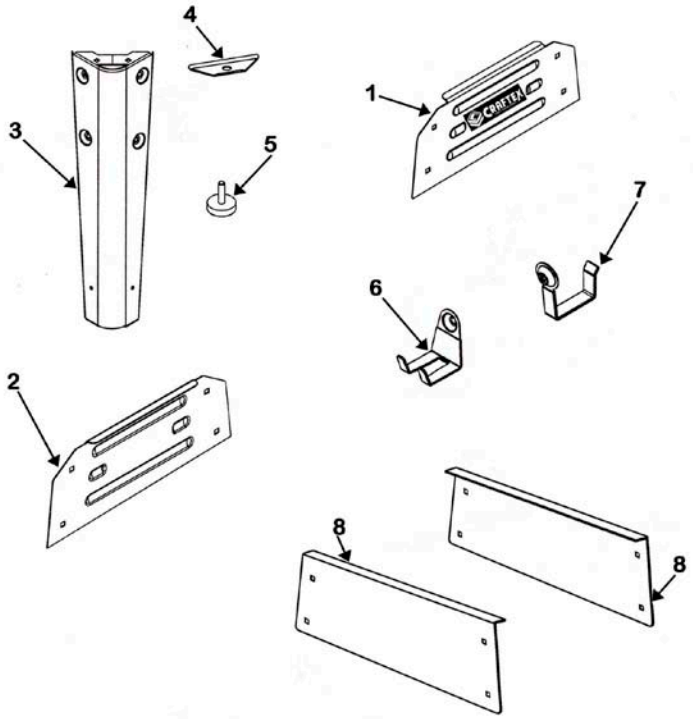
As part of a growing line of Craftex Woodworking Equipment, we are proud to introduce the CT146 10” Contractors Table Saw. This is a professional woodworking tool and like all tools, proper care and safety precautions should be exercised at all times. Please read this manual and adhere to all safety rules when using this machine. With proper care and safety techniques you should receive years of excellent service from this well built table saw.

FEATURES



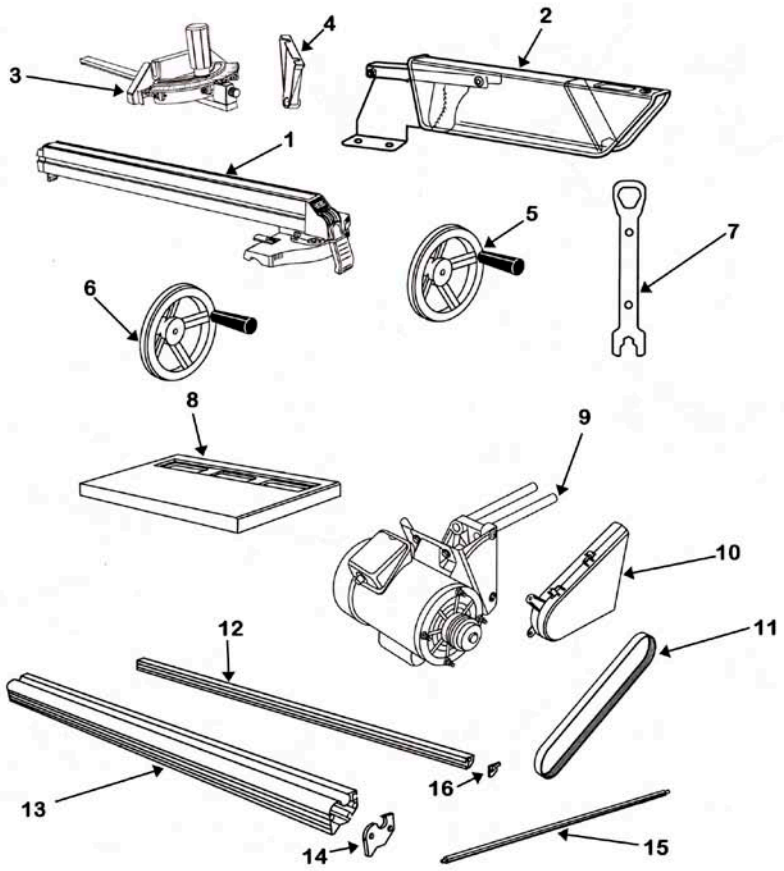
Motor – 1.5HP, 120/240V,60Hz,13/6.5 Amps
Blade Diameter – 10”
Blade Arbor – 5/8”
Cutting Depth at 0° - 3 3/8”
Cutting Depth at 45° - 2 ¼”
No Load Speed – 3,450 RPM
Large Blade Raising and Tilting Wheels
Precision Ground Cast-Iron Table
Precision Ground Cast Iron Extension Tables
Precision Aluminum Rip Fence with micro adjustment
Rip Fence Hooks for Storage
‘T’ Slot Mitre Gauge.
Sturdy Steel Stand
Optional Mount Safety Power Switch
Net Weight – 120.5 Kg
Shipping Weight – 127 Kg

LOOSE PARTS OF MACHINE



No.	Description	Qty.
1	Front Brace	1
2	Back Brace	1
3	Leg	4
4	Foot Brace	4
5	Leveling Feet	4
6	Miter Gauge Storage Hook	1
7	Rip Fence Storage Hooks	2
8	Side Brace	2

LOOSE PARTS OF MACHINE



No.	Description	Qty.	No.	Description	Qty.
1	Rip Fence	1	10	Belt Guard	1
2	Blade Guard Assembly	1	11	Belt	1
3	Miter Gauge	1	12	Back Rail	1
4	Guard Support Assembly	1	13	Front Rail	1
5	Bevel Adjusting Handwheel	1	14	Front End Cap (left and right)	2
6	Height Adjusting Handwheel	1	15	Spacer Bar	1
7	Blade Wrench	2	16	Back End Cap (left and right)	2
8	Table Extension	2			
9	Motor	1			

ASSEMBLY

Carefully remove the all components and place it carefully on a level and stable work surface. This tool is heavy and it is recommended that you use the help of a friend to lifting heavy components.

Remove any protective oil, grease that has been applied to the unpainted metal surfaces. Household cleaners and spot removers should work fine here.

You will now want to apply a coat of paste wax to the table and table extensions. Do not discard your packaging until you have carefully inspected your table saw, identified all loose parts and have properly operated the tool.

WARNING – DO NOT lift this saw without the help of another person. Hold the saw with a firm grip and close to your body to ensure that you or the saw does not slip while being handled. Be as careful as possible to prevent back injury.

WARNING – If any parts are found to be damaged of missing do not being assembly or attempt to operate this tool. Failure to do so may result in serious personal injury

ASSEMBLY

Assembly of Legs & Stand

Locate the following parts
15 Hex Nuts, Flanged (5/16 – 18)
15 Carriage Bolts (5/15-18 x 5/8")
8 Hex Nuts (3/8-16)

Place the front brace inside the first leg piece & align the holes on the leg piece with the front brace. At this time, insert two carriage bolts and hand tighten only using the flanged hex nuts.
See Figure 1

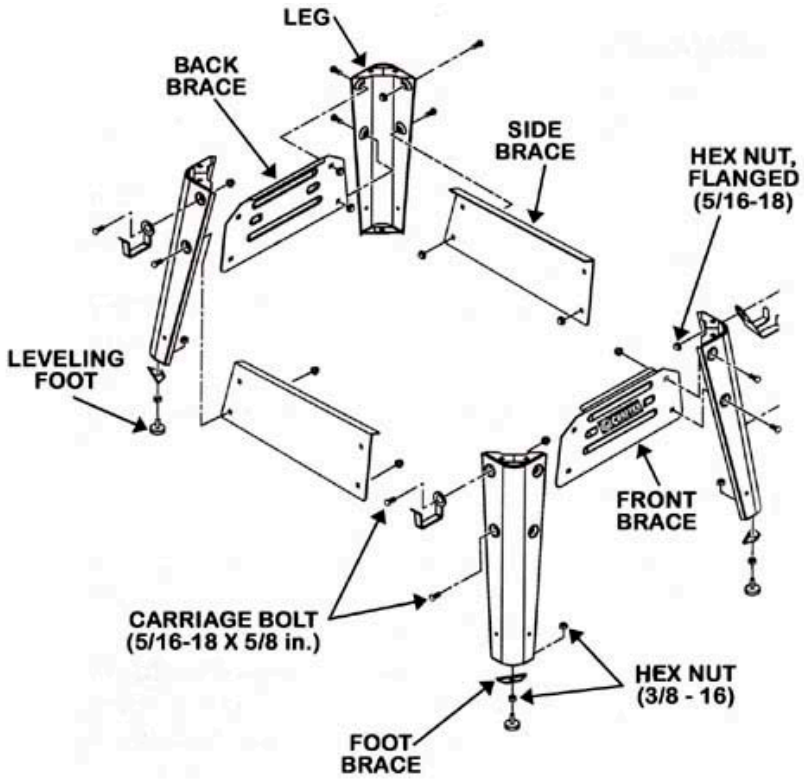


Figure 1

ASSEMBLY

Now you can attach the second leg piece to the other side of the front brace using another two carriage bolts and flanged hex nuts, same as show above.

Repeat the above steps for the back brace and hand tighten
See Figure 1

Place the left side brace inside the leg piece and align the holes on the side brace with the holes of the leg piece. Ensure that the miter gauge hook is secure to the leg piece on the right side of the leg stand. Use two of the carriage bolts and hand tighten using the flanged hex nuts.
Repeat the same step for the opposite side of the of the saw (minus the miter gauge hook)
See Figure 1

Now thread one hex nut (3/8-16) on the screw of the leveling foot and adjust it until it stops. Slip a foot brace onto the leveling foot before you place the leveling foot in the hole of the bottom of the leg. Secure with another hex nut. This will ensure stability.
Insert a screw through the hole in the leg stand and adjust the leveling feet all the way to the bottom of the leg. Now you can securely tighten all hex nuts using a wrench.
See Figure 2

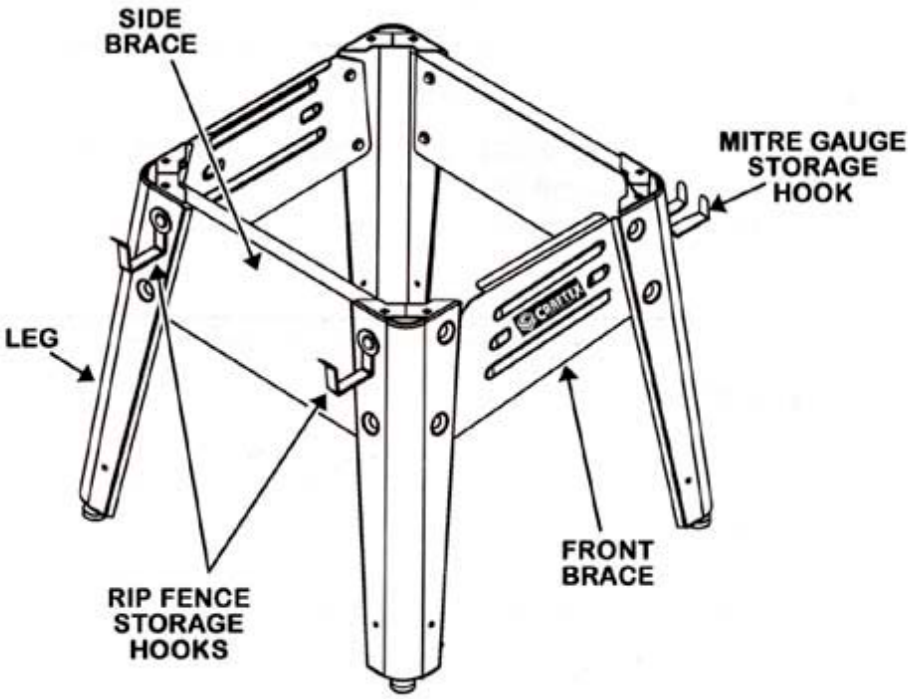


Figure 2

ASSEMBLY

Mounting the table saw to the stand

Remove the following hardware from the hardware package and layout for use.
8 Flanged Hex Nuts (5/16-18)
8 Carriage Bolts (5/16 -18 x 5/8")

WARNING – DO NOT lift this saw without the help of another person. Hold the saw with a firm grip and close to your body to ensure that you or the saw does not slip while being handled. Be as careful as possible to prevent back injury.

Turn the saw table upside down as show in *Figure 3*

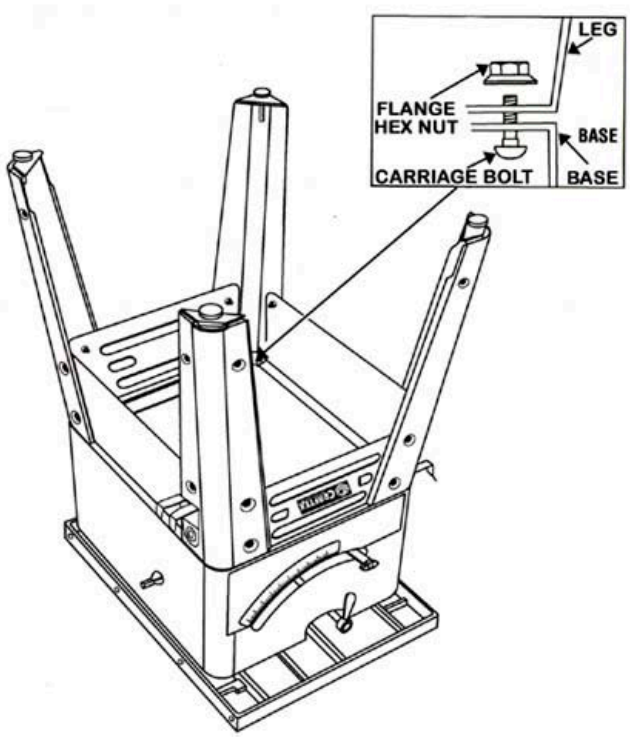


Figure 3

Be sure to place the saw on a flat, level and smooth surface. Using a sheet of cardboard under the saw is recommended.

Place the assembled leg stand on the table saw base. Align the holes with the holes of the legs. (The Craftex logo denotes the front of the saw and this must be used as the front face.)
See Figure 3

ASSEMBLY

Insert a screw though the hole in the leg stand and also in the and in the saw base. Add a hex nut here and hand tighten only.

Repeat for the remaining holes and tighten all hardware when complete with a wrench to ensure it is secure.
See Figure 3

Installing the Extension Tables

While the table is still upside down, it is the ideal time to install the extension tables. Place the extension table against the table top.
Insert 4 hex head screws (5/16-18 x ¾" with washers) into the holes in the extension table and screw into the table top. At this time, do not tighten.
The holes in the table top are threaded.
Repeat the above step for the other side of the extension table. Once this is done, stand the saw upright onto its legs. (**DO NOT** lift this saw without help, the saw is a heavy machine and precaution must be taken)
See Figure 4

Line the front edge of the table top with the front edge of the table extension. Check the alignment of the table top edge to the extension rail edge and tighten the two corner nuts only with a wrench.

Check the center of the table top and extension table and ensure that they are aligned. Tighten at this time with a wrench.
Repeat the above stops for the other side extension table.

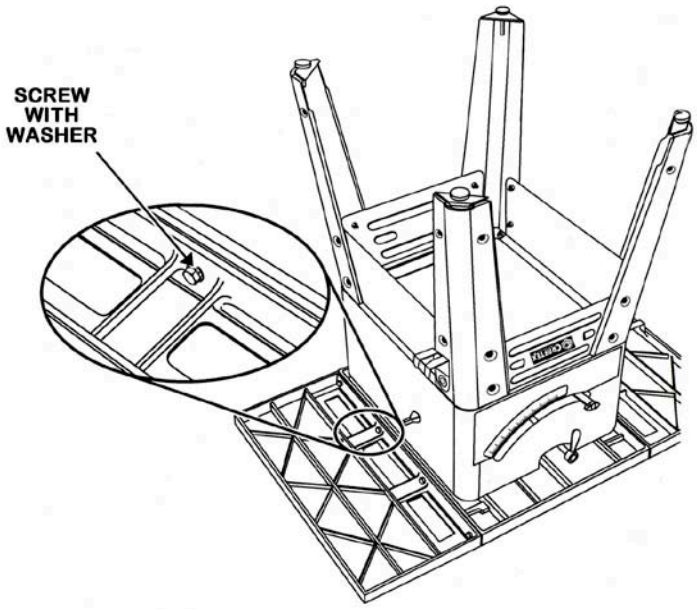


Figure 4

ASSEMBLY

Installing the Bevel Adjusting Hand wheel
First, find the following loose parts
1 Bevel Hand Wheel
1 Pan Head Screw (1/4-=20 x 5/8” with washer)

Place the bevel hand wheel onto the bevel shaft. Ensure that the fit is proper and slide it all the way.
Use the pan head screw and tighten the screw in the middle of the bevel hand wheel.
See Figure 5

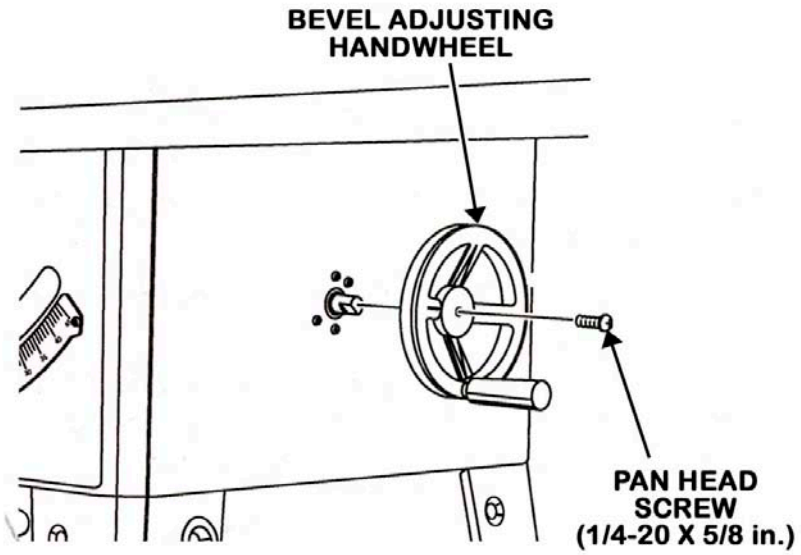


Figure 5

ASSEMBLY

Installing the Height Adjusting Hand wheel
First, remove the blade height lock knob by turning it counterclockwise.
Then, slide the height adjusting hand wheel onto the rod and against the lock tube.
Last, secure the height adjustment hand wheel by reinstalling the blade height lock knob.
See Figure 6

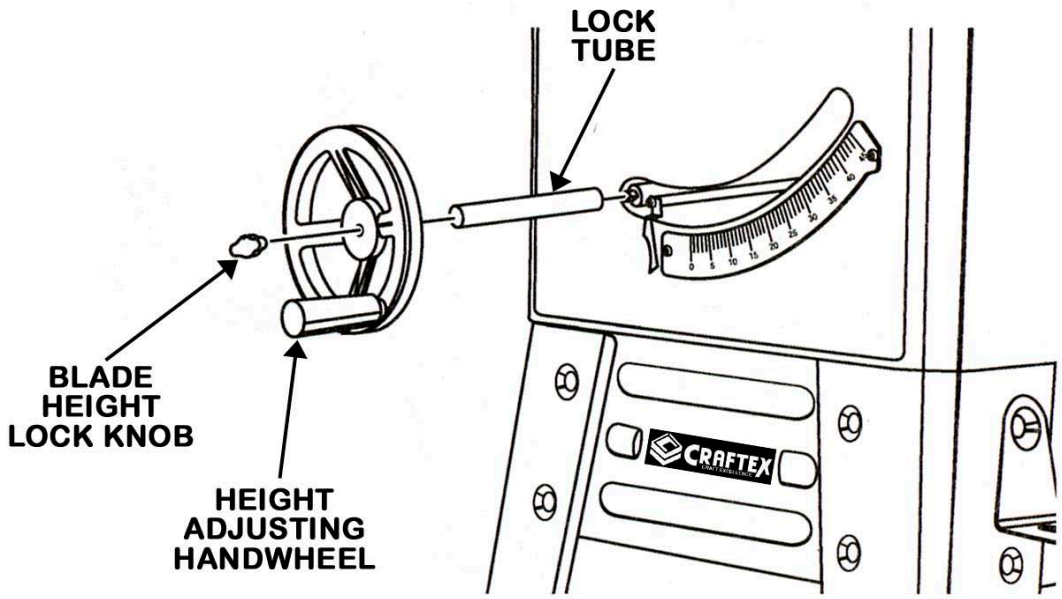
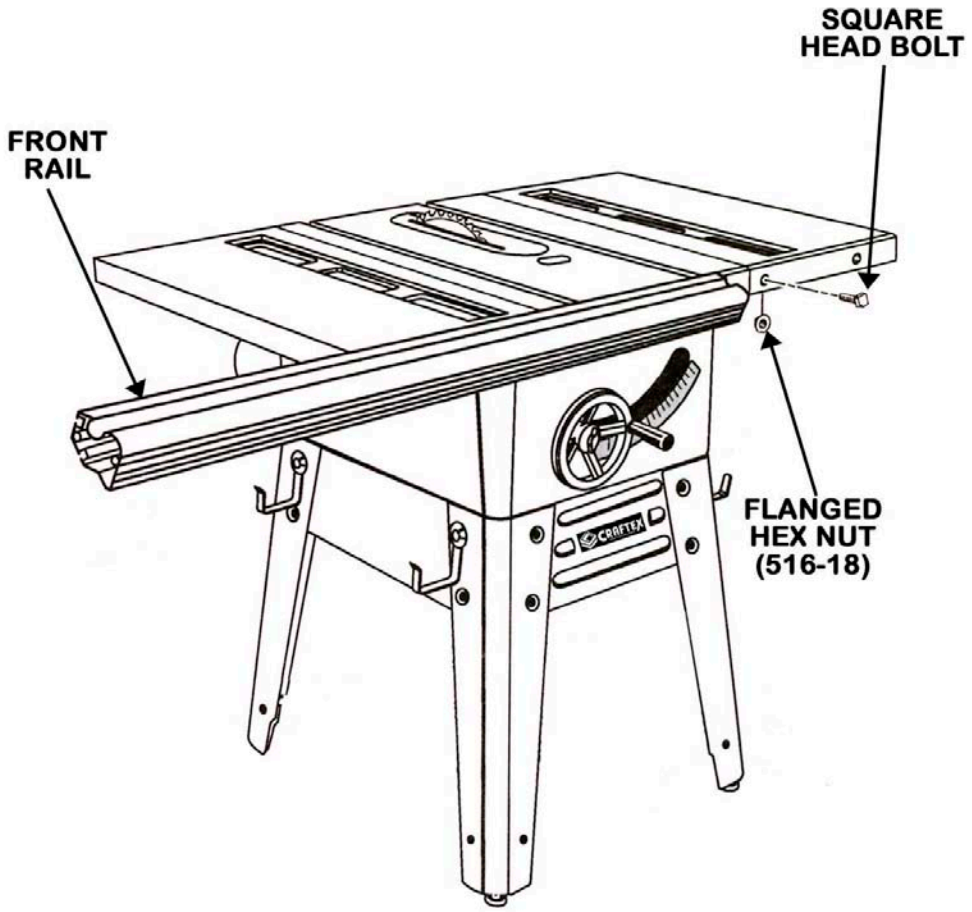


Figure 6

ASSEMBLY

Installing the Front Rail to the Table

Insert the square head bolts (5/16-18 x 1”) into the holes on the front of the saw table and extension tables.
Take the flanged hex nut (5/16-18) loosely allowing the square bolt head to protrude just a little.
Now, slide the front rail slot just over each of the square head bolts and at this point only finger tighten.
Align the front rail with the 7 1/8” mark on the right side of the rip scale with the right edge of the cast iron table top
See Figure 7



ASSEMBLY

Installing the Back Rail to the Table

Insert the square head bolts (5/16-18 x 1”) into the holes on the back of the saw table and extension tables.
Take the flanged hex nut (5/16-18) loosely allowing the square bolt head to protrude just a little.
Now, slide the back rail slot just over each of the square head bolts and at this point only finger tighten.
See Figure 8

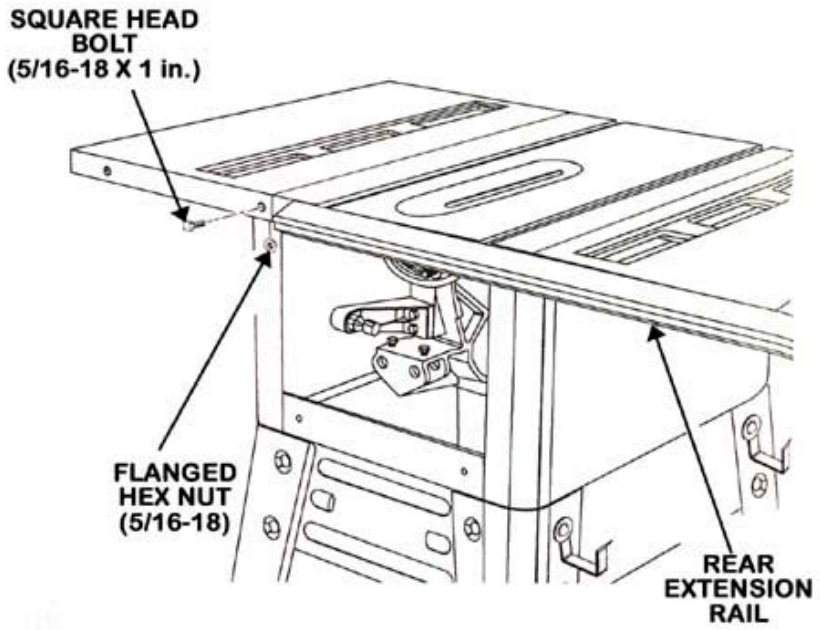


Figure 8

ASSEMBLY

Installing the Back Rail to the Table cont…

Take a framing square and place it on either side of the blade. Move the back rail right or left until you see the indicator mark is aligned with the framing square. This will give you an accurate set up. Finger tighten the nuts.
See Figure 9

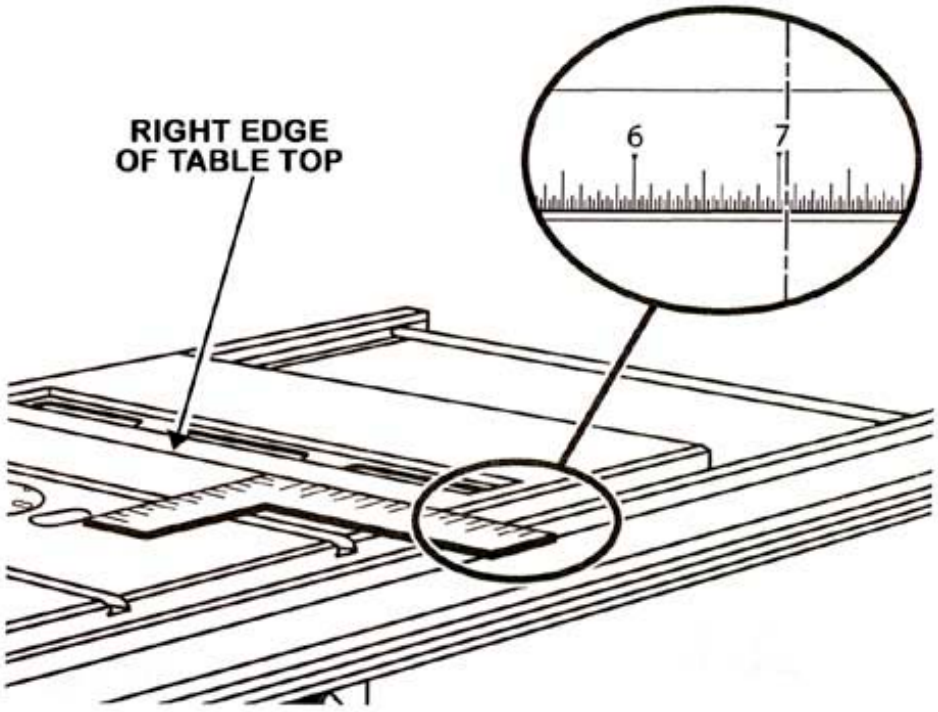


Figure 9

ASSEMBLY

Adjusting the Front & Back Rails

NOTE – The front & back rails MUST be adjusted to with the saw blade. If not done properly, this may cause kickback or binding and could result in serious personal injury.

Set the saw bevel to ‘0’ so that the blade is vertical and lock the bevel with the lever above the blade height wheel. Raise the blade now. Slide the fence over to the right of the saw blade and check the fence cursor to the left of the fence. The cursor line should be at the ‘0’ mark or the first line of the right side of the scale. To adjust the front fence rail use a rubber mallet to gently tap the rail assembly either left or right until this is attained. The back rail should also be adjusted in a similar manner to achieve accuracy.
When the fence is tight to the saw blade and the left cursor is at ‘0’, the rear fence should be squared with the front fence.
At this point, lock the fence down by pushing down on the fence lock lever.
See Figure 10
Now you can tighten firmly all loose nuts supporting the front and rear fence rails including the tool storage brackets on the side of the machine.

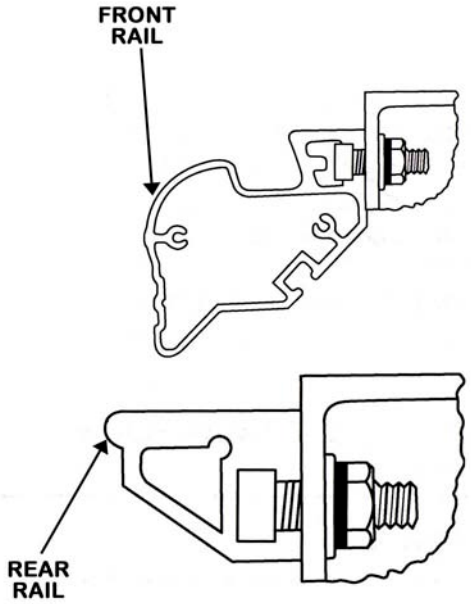


Figure 10

ASSEMBLY

Install the Rip Fence

Place the front of the fence on the front rail. Lower the back end of the fence onto the back rail. It should sit smooth and should glide smoothly.
Lock the fence by pushing down on the locking handle and this should automatically align the fence.
See Figure 11

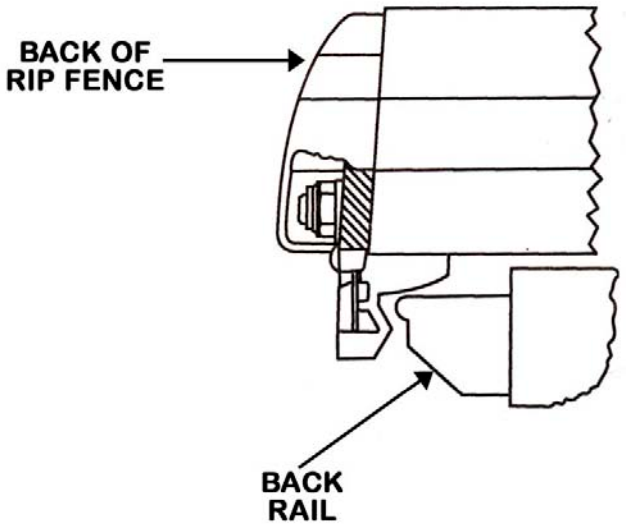


Figure 11

ASSEMBLY

Ensure that the rip fence is not too high or too low off the table top. You will want it to be just about a millimeter off the base of the table. To adjust, loosen the hex nuts holding the rails in place and adjust the rails up or down as needed. Once proper alignment is made, tighten down all the hex nuts.

Align the Throat Plate to the Saw Table

NOTE – The throat plate MUST be aligned properly with the saw table. If it is not, work pieces may catch on the edge of the plate causing kickback or binding which may result is serious personal injury.

First, lower the blade by turning the height adjusting hand wheel in a counterclockwise direction.
Loosen the screws in the throat plate.
Using a 3/32 hex key, adjust the 4 set screws as show in *Figure 12*
Now, re-tighten the screws being careful not to over tighten. The plate should sit firmly and nothing should get caught or nip of the edge of the plate when passing a work piece over/along it.

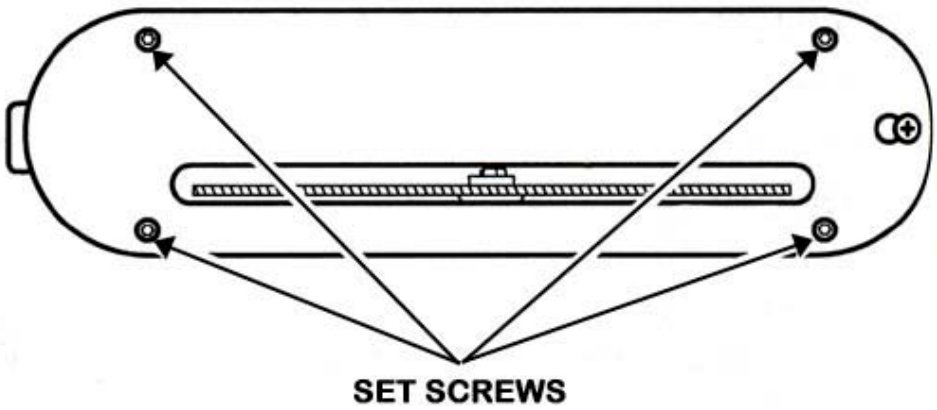


Figure 12

ASSEMBLY

Installing the Spacer Bar

Locate the following loose parts
1 – Spacer Bar
2 – Set Screws
2 – Support Plates

Take one of the set screws and thread it into the locking plate.
Place one support plate over each end of the spacer bar and ensure the bent ends are pointing out.
Slide the support plate into the slots in the end of the back and front rails. Now, move the spacer bar within 4 ½" from the end of the rear rail and parallel to the side of the saw table.
If there is a gap between the large diameter of the spacer bar and the inside of the rear rail, fill the gap with the appropriate number of shims. The shims should be placed on the spacer bar before the support plate.
Once the correct fit is made, lock the spacer bar by tightening the set screws.
See Figure 13

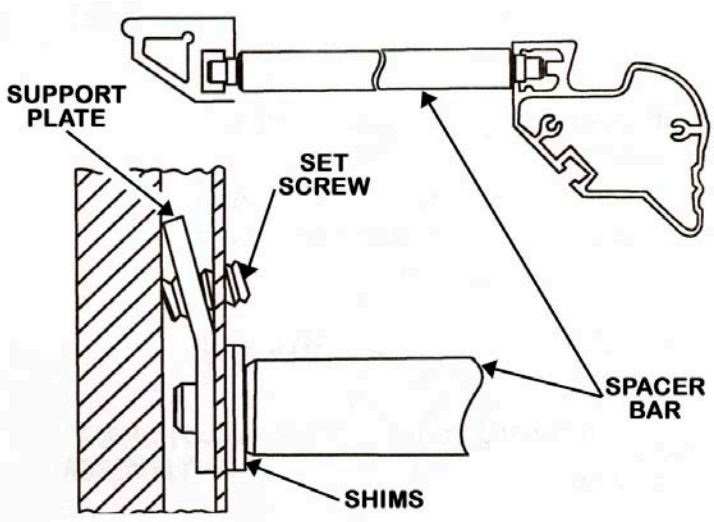


Figure 13

ASSEMBLY

Installing the Blade Guard Assembly

To install the blade guard assembly, lower the blade by turning the adjusting hand wheel on a counterclockwise direction.
Attach the separator to the separator support and align the edges. Now, secure using the flanged nuts (1/4-20) and hex head screws (1/4-20 x 5/8”). Tighten with a wrench.
Now, slide the separator on the separator rod so it engages properly. Thread the thumbscrews into the hole and hand tighten.
See Figure 14

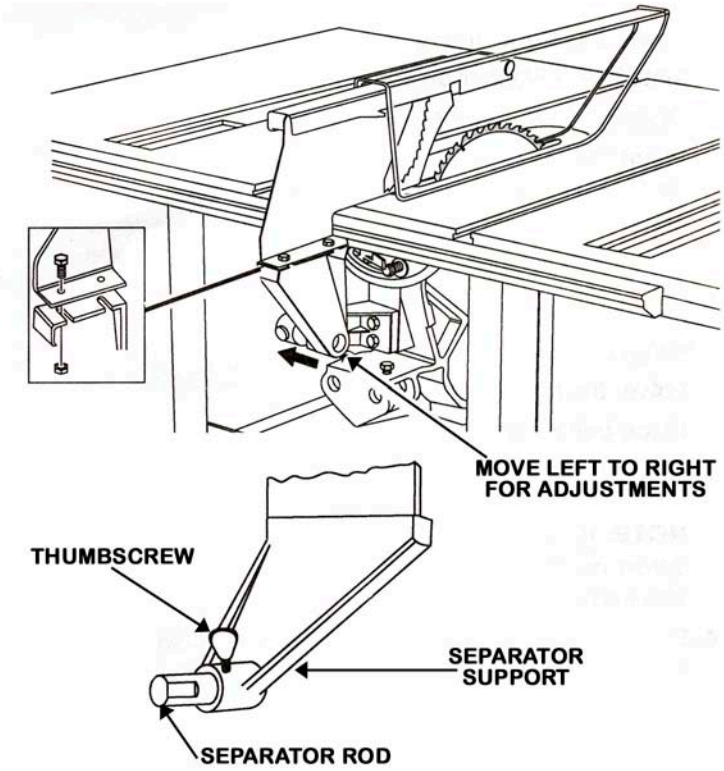


Figure 14

ASSEMBLY

Aligning the Blade Guard Assembly and the Blade

First, raise the saw blade by turning the hand wheel in a clockwise direction. With the use of a combination or framing square, place the square against the saw blade and the blade guard assembly as show in *Figure 15*
This should give you an idea of if the blade guard is square to your blade which is important. If it is not, loosen the thumbscrew in the blade guard support and move the separator right or left until it touches the blade. Once this is done, tighten the thumbscrew again.

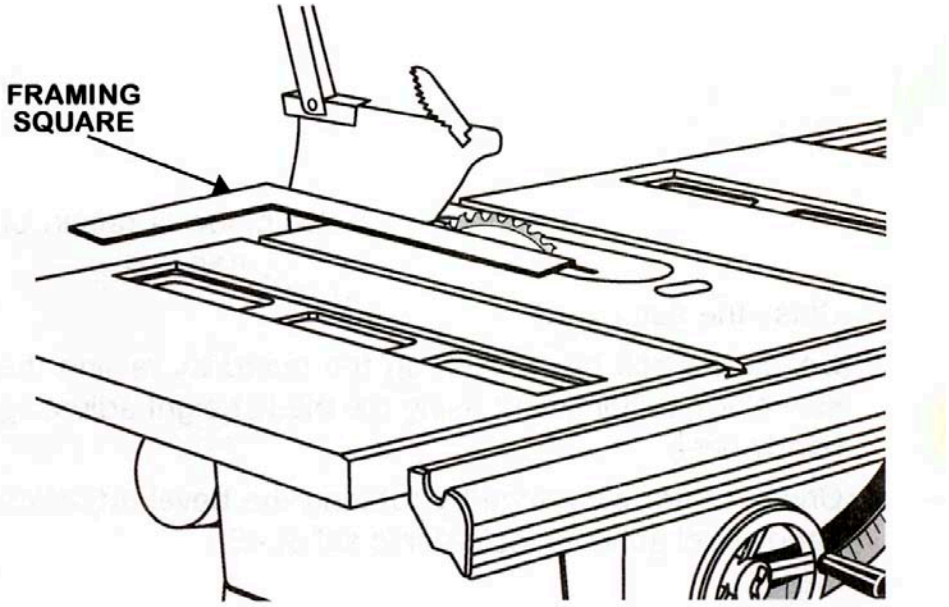


Figure 15

ASSEMBLY

Mounting the Motor Assembly

You will need to mount the motor to the back of saw. To do so, first loosen the 2 hex head screws that lock the pins in the mounting brace. At this point, insert the 2 pins on the motor assembly into the holes on the mounting brace. Push it in as far as it will go. At this point, DO NOT tighten the screws.
See Figure 16

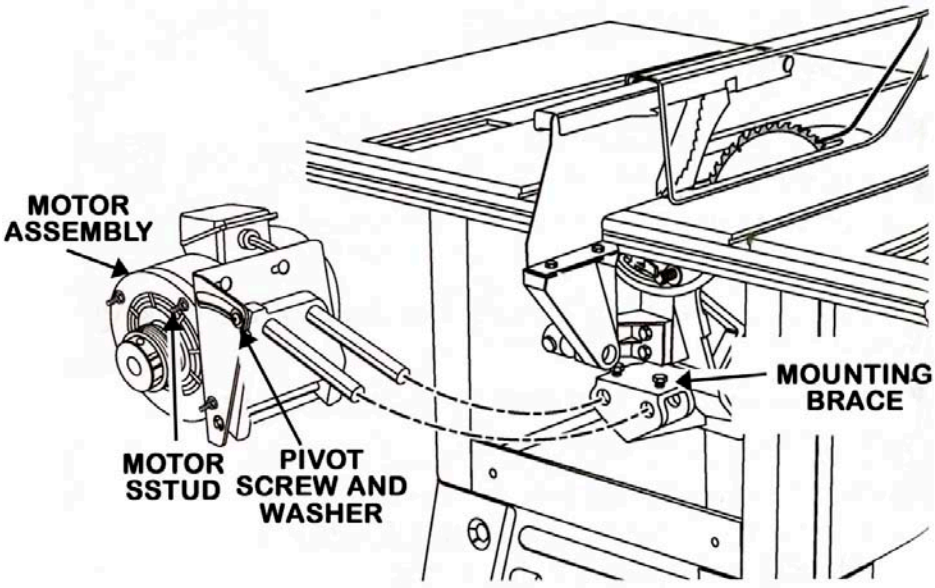


Figure 16

ASSEMBLY

Installing the Belt Guard

Locate the following from the loose parts
1 – Belt Guard
4 – Flat Washers (M5.3 x 12 x 1)
4 – Flanged Hex Nuts (M5 x .8)

Lower the blade by turning the blade height hand wheel in a counterclockwise direction and remove the belt. Install a flat washer on each of the four motor studs. Open the belt guard by pushing down on to the tab lock.
Now, place the belt guard so that the large hole fits around the motor pulley and insert the motor studs through the small holes of the belt guard. At this point, use a flanged hex nut and tighten firmly.
See Figure 17

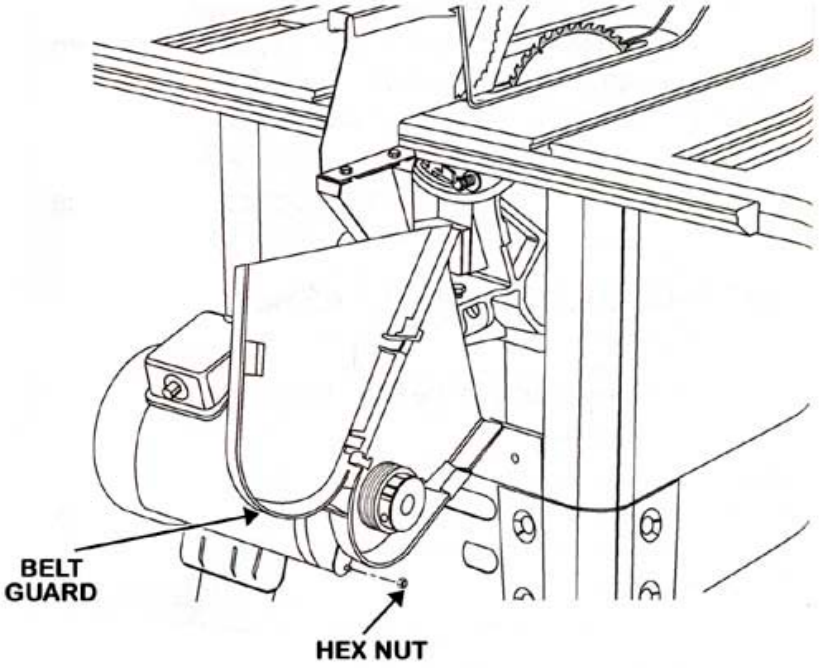


Figure 17

ASSEMBLY

Installing the Belt

First, lower the blade by turning the blade height hand wheel in a counterclockwise direction and set the bevel to ‘0’.
Now, place the belt on the saw pulley and the motor pulley. Check along both pulleys to make sure the belt is parallel to the edges of both pulleys.
If it is not parallel, use a hex key to loosen the set screw on the motor pulley. Now you can readjust the motor pulley to get the right fitting and firmly tighten the set screw when finished.

Place your hand halfway around the belt between the two pulleys and squeeze tight with you hand until the two sides touch. The motor should move freely at this point as you squeeze the belt. If you notice the motor is stable and not moving, you will need to reposition the motor.

In order to reposition the motor you will need to loosen the hex nuts on the mounting brace and either push the motor inwards or pull it out as required. At this point, also check the maximum elevation.
DO NOT attempt to tighten the pivot screws as this should be able to move freely in the slot as the blade is lowered or raised.

Now, close the belt guard and check that the belt clearances on the guard by raising the blades to its full height. Check the motor clearance by rotating the bevel adjusting hand wheel until the indicator is set at 45 degrees.
See Figure 18

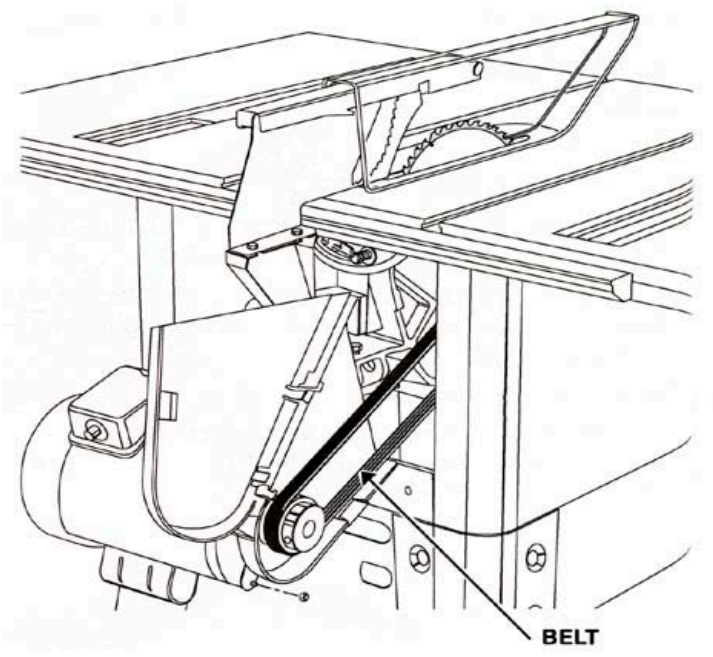


Figure 18

ASSEMBLY

Installing the Switch Assembly

The switch assembly can be mounted on either side of the fence (left or right) depending on your preference.

Locate the following from the loose parts
1 Switch Key
2 Square Nuts (10-32)
2 Pan Head Screws with Lock Washers (10-32 x 3/8”)

Insert the pan head screws with the lock washers through the holes in the switch assembly.
See Figure 19

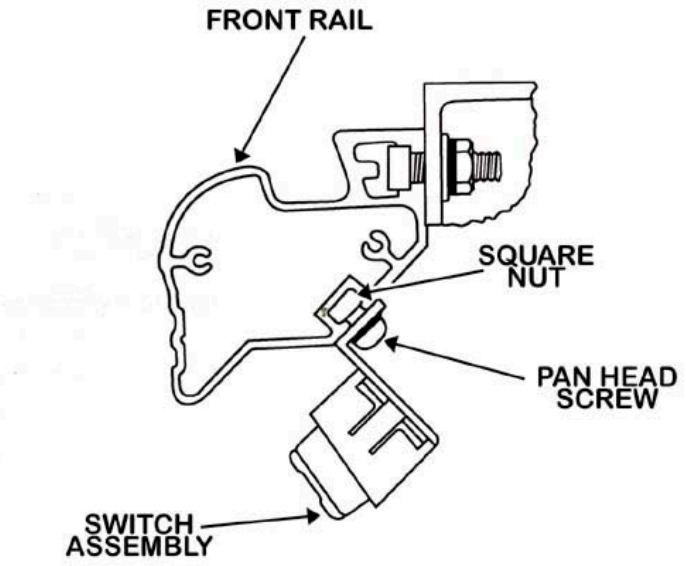


Figure 19

Now, thread the square nuts onto the screws while leaving at least 1/8” clearance in between the inside of the nut and the top of the switch assembly.

With the switch facing forward, slide the square nuts into the lower slot of the rail and tighten securely. If the switch is mounted on the left side then the right side of the switch assembly should be in line with the left side of the table saw base. Vice versa applies if the switch is mounted on the right side.

ASSEMBLY

Secure Electrical Cords

Your saw is supplied with 3 wire ties (one is extra) to secure the power cords of your saw. This is helpful aid to get the lines out of the way. The motor cord and power cord should be gathered together along the side of the cabinet and the two holes on the side of the cabinet are used to secure the wire ties. Loop the motor cord in the rear and use wire ties to remove any excess movement. Using a hammer or mallet, you can lightly tap the wire ties into the holes of the cabinet. *See Figure 20*

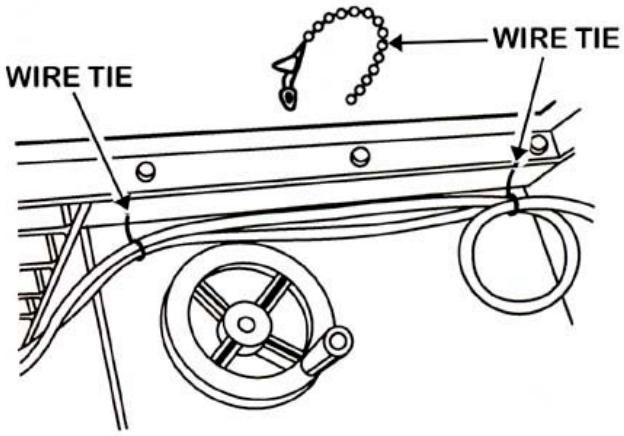


Figure 20

ASSEMBLY

Installing the End Caps of the Fence

Align the end caps of the front rail to the end of the rail. Secure these by using a self tapping pan head screw (M4) is each hole.
Do the same for the rear rails.
See Figure 21

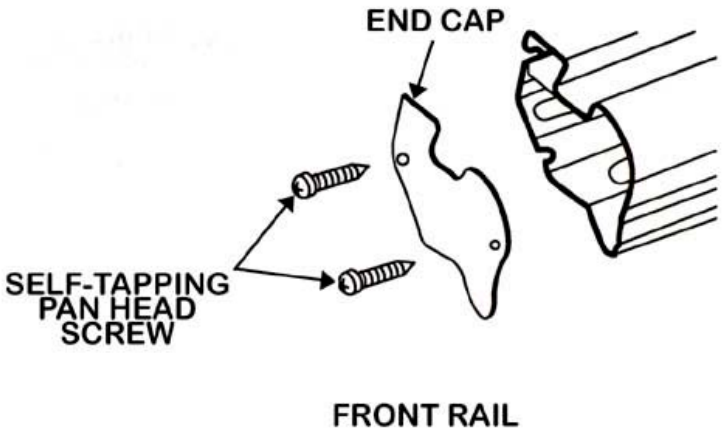


Figure 21

Congratulations, your saw should now be fully assembled and ready to take its first cut. Before connecting your saw to a power source, take a walk around and carefully inspect your new saw. Ensure that all nuts and bolts are secure & tightened and that nothing is loose that shouldn't be. Make sure that the saw is free of loose parts, debris and has enough clearance around.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Saw does not start	Cord is not plugged in Circuit breaker is tripped Motor/switch/cord is damaged Circuit fuse is blown	Plug Power Cord in Reset Breaker See Qualified Technician Replace circuit fuse
PROBLEM	**CAUSE**	**SOLUTION**
Excess Vibration	Blade is damaged Uneven Work Surface Not Mounted properly Blade is not balanced	Replace Blade Change to a flat surface Retighten all hardware Replace Blade
PROBLEM	**CAUSE**	**SOLUTION**
Rip Fence does not Move Smoothly	Rails are not clean Fence not mounted properly Clamp Screw is out of adjustment	Clean/Wipe away debris Remount fence Adjust clamp screw
PROBLEM	**CAUSE**	**SOLUTION**
Cuts burn or bind work	Work is being fed too fast Blade is dull Rip Fence misaligned Wood is warped Separator not aligned	Slow down the feed rate Replace blade/re-sharpen Align rip fence properly Change work piece Align separator
PROBLEM	**CAUSE**	**SOLUTION**
Saw not making 90°/45° cuts	Miter gauge misaligned Bevel stops not adjusted	Align/Adjust miter gauge Adjust/check bevel stop
PROBLEM	**CAUSE**	**SOLUTION**
Motor overheats	Work piece fed too fast	Slow down feed rate
PROBLEM	**CAUSE**	**SOLUTION**
Blade cuts poorly	Blade is mounted backwards Blade is dirty Incorrect blade for cut	Re mount the blade Clean blade of debris Chose correct blade

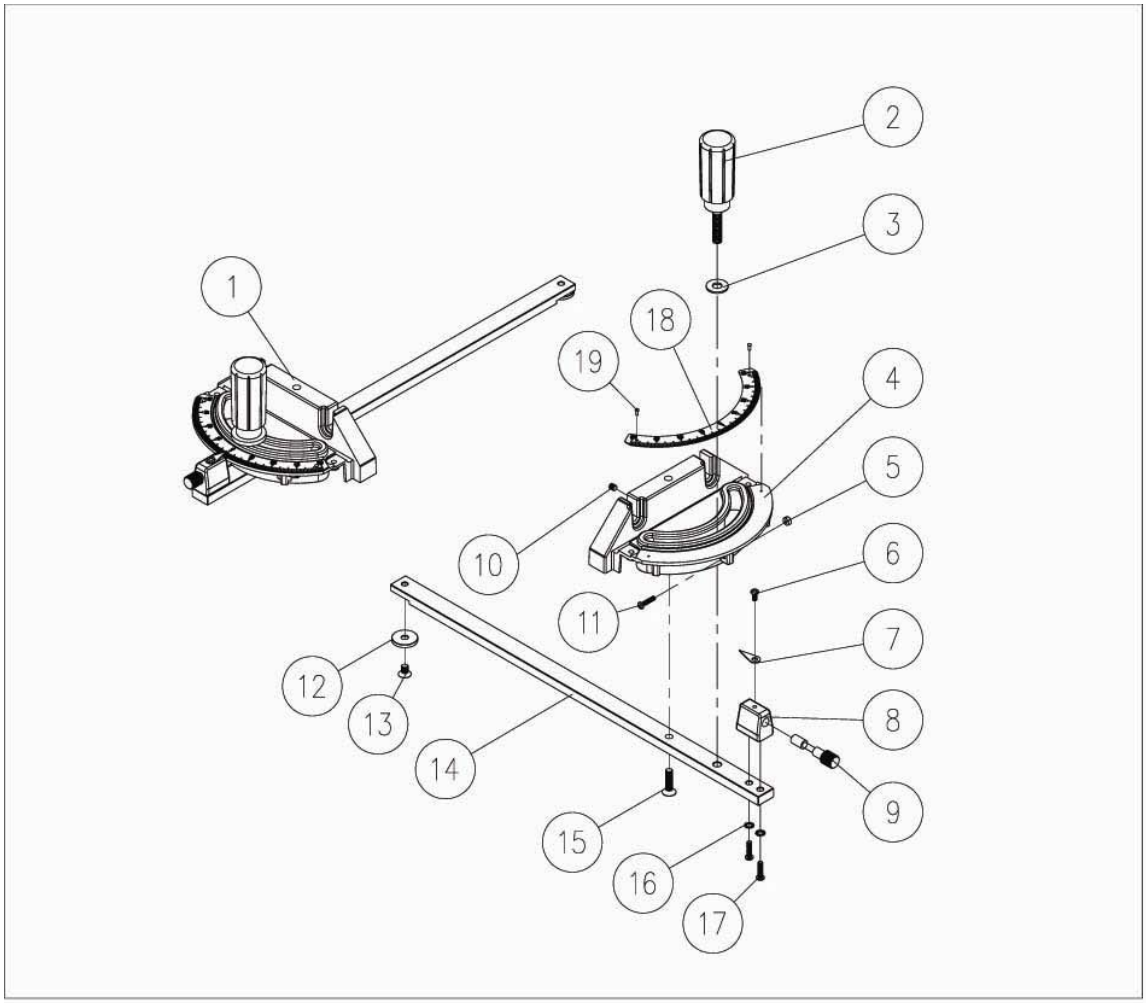
MAINTENANCE

General maintenance should be preformed on your saw to keep it free from problems and working in its peak condition. The following are general guidelines to help with regular maintenance.

NOTE – Before performing any maintenance, UNPLUG your saw from the power source and turn the switch assembly to OFF.
ALWAYS wear eye protection when performing maintenance to avoid damage to your eyes. It is also a good idea to wear a dust mask to prevent respiratory problems if the conditions are very dusty.

- Maintain the table surface by periodically applying a coat of paste wax and buffing out the table. The same can be done for the rails of the table saw.
- **NOTE** – DO NOT wax the working surface of the miter gauge.
- Occasionally clean all plastic parts with a soft damp cloth and water.
- Occasionally check all nuts, bolts, clamps and screws to ensure that everything is tight.
- Check the throat plate is in the correct position and in good condition.
- Check the blade guard assembly is still in the correct position and not loose.
- Always check that your saw blades are free from pitch and build up.
- Periodically check and clean the saw dust underneath the saw table and also in the saw blades teeth.
- To clean screw threads and the nuts use a solvent that is designed for pitch and gum removal. Lubricate the nuts, bearings, and screw threads from time to time.

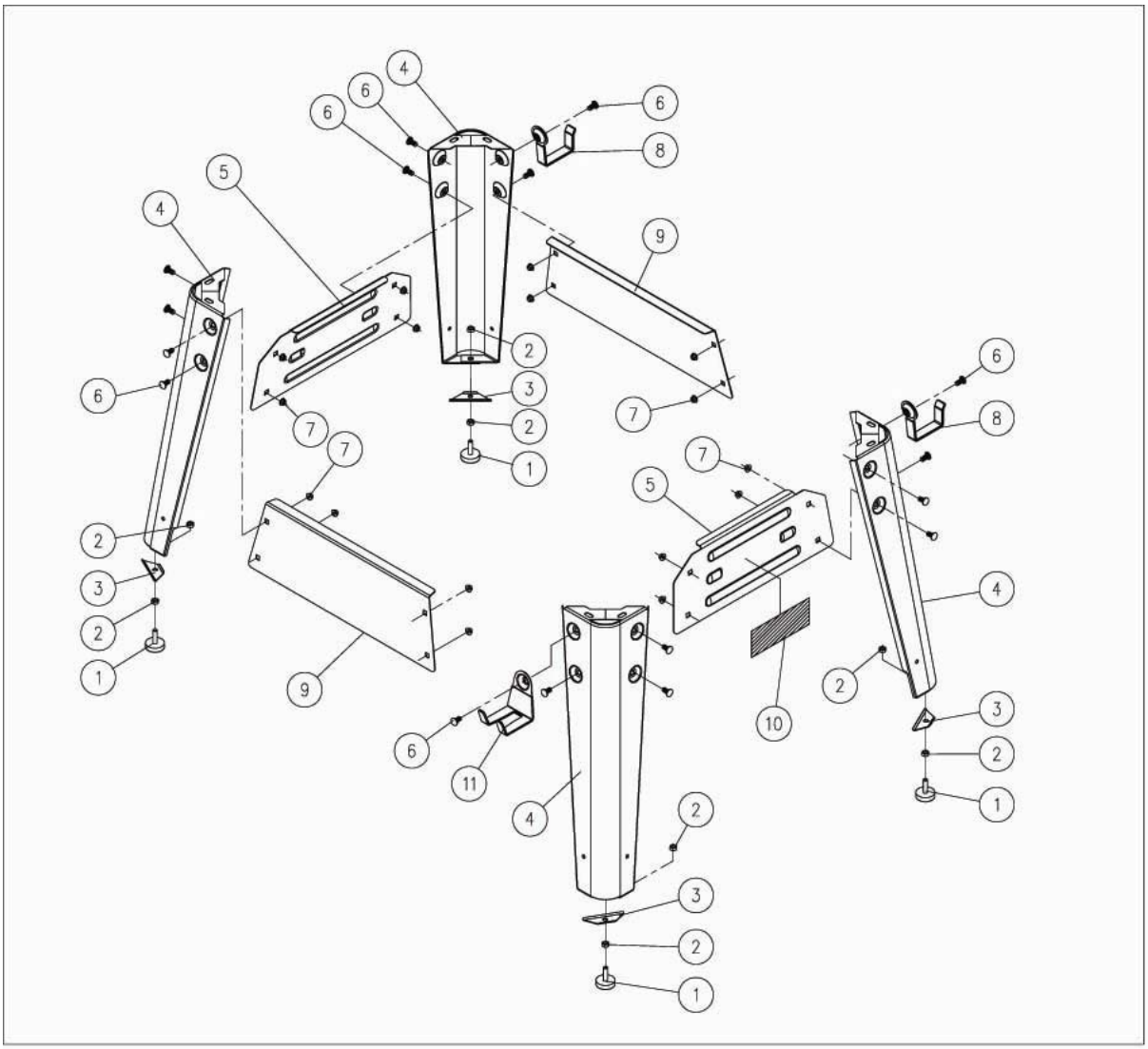
SCHEMATIC DIAGRAM – MITER GAUGE ASSEMBLY



PARTS LISTING – MITER GAUGE ASSEMBLY

NO.	PART NUMBER	DESCRIPTION	QTY
1	TH1006	MITRE GAUGE ASSEMBLY	1
2	TH100606	HANDLE	1
3	HU190400	WASHER 8.5*23*2.0	1
4	TH100601	MITRE GAUGE	1
5	HU150100	HEX.NUT #6-32NC	3
6	HU040101	SCREW #8-32NC*5/16"	1
7	TH100604	ANGLE INDEX	1
8	TH100603	INDICATOR BLOCK	1
9	TH100605	LOCK ROD/PIN	1
10	HU030101	SET SCREW M5*0.8P*5	1
11	HU040604	SCREW #6-32NC*5/8"	3
12	TH030303	LEAD PLATE	1
13	HU050101	SCREW M6*1.0P*6	1
14	TH100602	PLATE	1
15	HU050102	SCREW M6*1.0P*20	1
16	HU200100	STAR WASHER 4.3*8.5(BW-4)	2
17	HU040104	SCREW #8-32NC*5/8"	2
18	TH100607	ANGLE INDEX RULE	1
19	HI010105	ROUND NUT 2*5	2

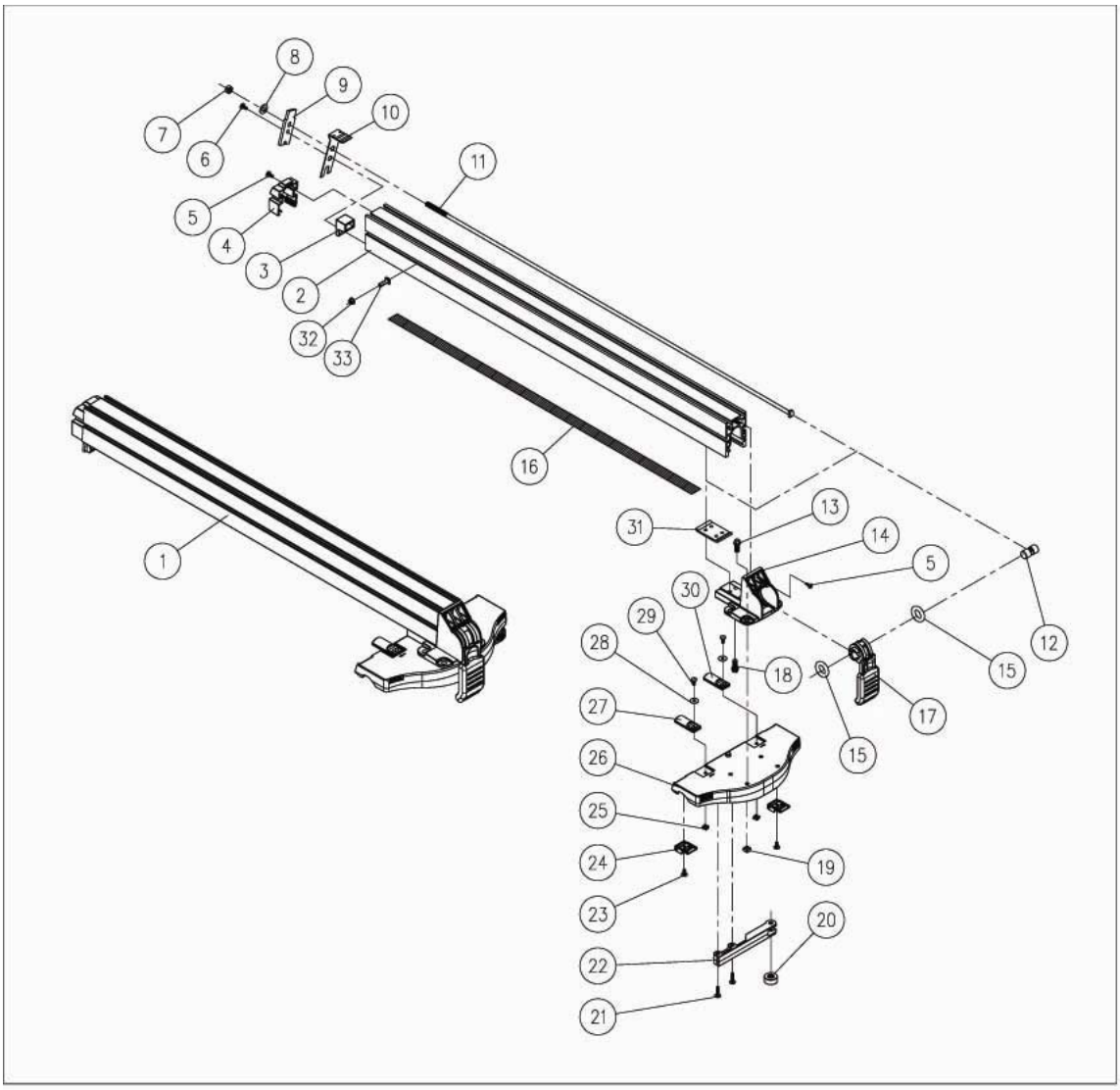
SCHEMATIC DIAGRAM – STAND ASSEMBLY



PARTS LISTING – STAND ASSEMBLY

NO.	PART NUMBER	DESCRIPTION	QTY
1	MH060008	FOOT LEVEL	4
2	HU150600	HEX. NUT 3/8"-16NC	8
3	TH100069	PLATE	4
4	TH260013	LEG	4
5	TH260014	REAR PLATE	2
6	HU070102	SCREW 5/16"-18NC*5/8"	16
7	HU170300	NUT 5/16"-18NC(12.7B*7H)	16
8	TH100078	FENCE HANGER	2
9	TH260002	SIDE PLATE	2
10	JG1A2L01	CRAFTEX LOGO	1
11	TH100072	GAUGE SUPPORTER	1

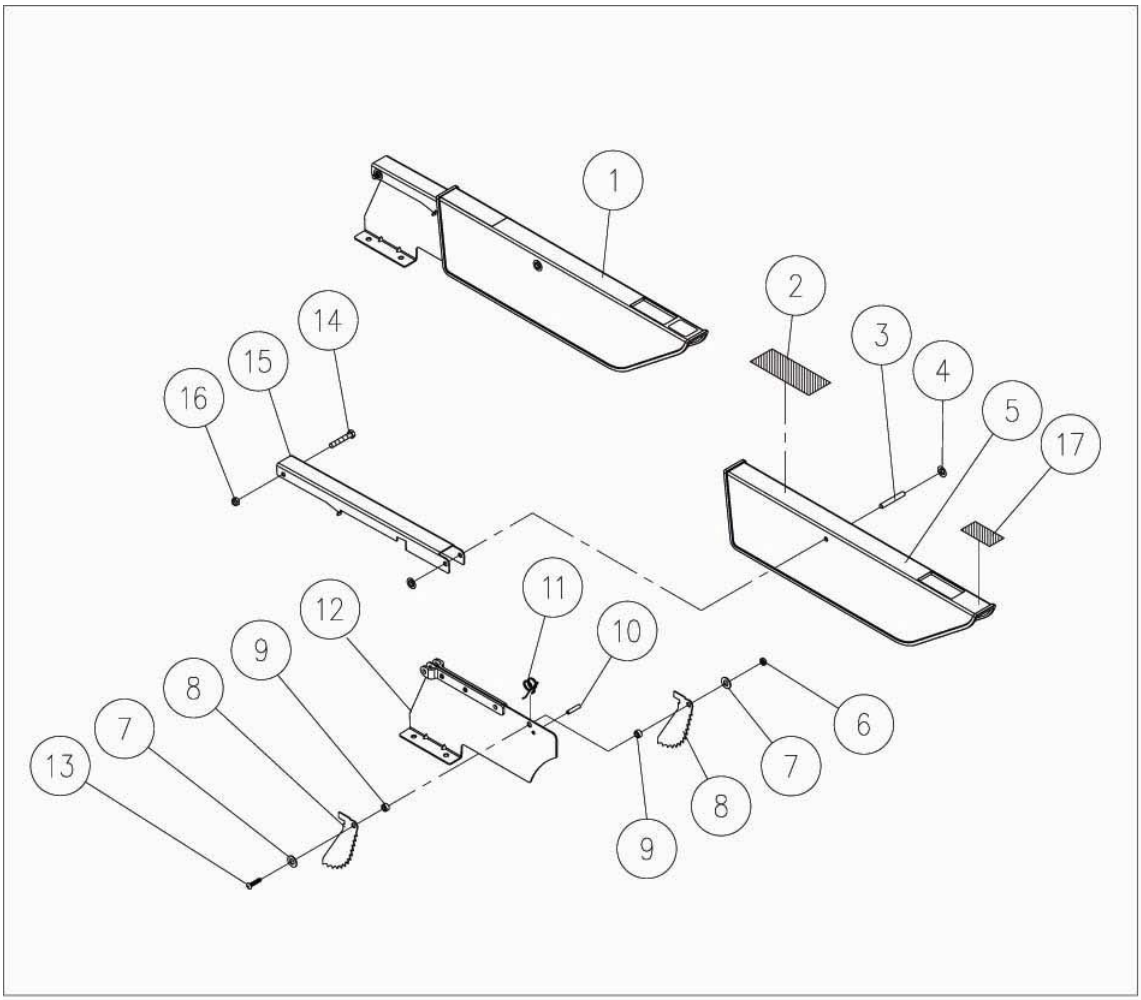
SCHEMATIC DIAGRAM – RIP FENCE



PARTS LISTING – RIP FENCE

NO.	PART NUMBER	DESCRIPTION	QTY
1	TH3301	FENCE ASSEMBLY	1
2	OE290003	RIP FENCE	1
3	TH101902	REAR SLIDE	1
4	TH101901	REAR COVER CAP	1
5	HU260101	SCREW #8-32NC*1"	2
6	005101-701	SCREW #10-32NF*5/8"	1
7	HU160200	LOCK NUT 5/16"-18NC	1
8	HU191100	WASHER 8.5*16*1.6	1
9	TH330001	CONNECT PLATE	1
10	OE290201	LOCK PLATE	1
11	OE290006	LOCK SPRING	1
12	OE290005	CAM PIN	1
13	HU010103	SCREW 1/4"-20NC*3/4"	4
14	OE290001	FRONT HOUSING	1
15	OE290016	BEARING	2
16	TH101906	CRAFTEX LOGO PLATE	1
17	TH101904	LOCKING LEVER	1
18	HU270101	SCREW W/ WASHER 1/4"-20NC*3/4"	4
19	HU180200	NUT 1/4"-20NC	4
20	OE290302	MICRO ADJUSTING WHEEL	1
21	HU250102	SCREW #10-32NF*1-1/4"	2
22	TH101903	MICRO ADJUSTING BRACKET	1
23	TH101907	SCREW #8-32NC*3/8"	2
24	OE290102	FRONT BLOCK	2
25	HU180300	NUT #10-32NF	2
26	OE290101	BOTTOM BASE	1
27	OE290104	LEFT INDEX	1
28	HU191000	WASHER 5.2*16*0.8	2
29	HU040203	SCREW #10-32NF*1/2"	2
30	OE290103	FENCE INDICATOR	1
31	OE290002	PLATE	1
32	HU170200	NUT 1/4"-20NC	3
33	TH100099	SCREW 1/4-20NC*3/4"	3

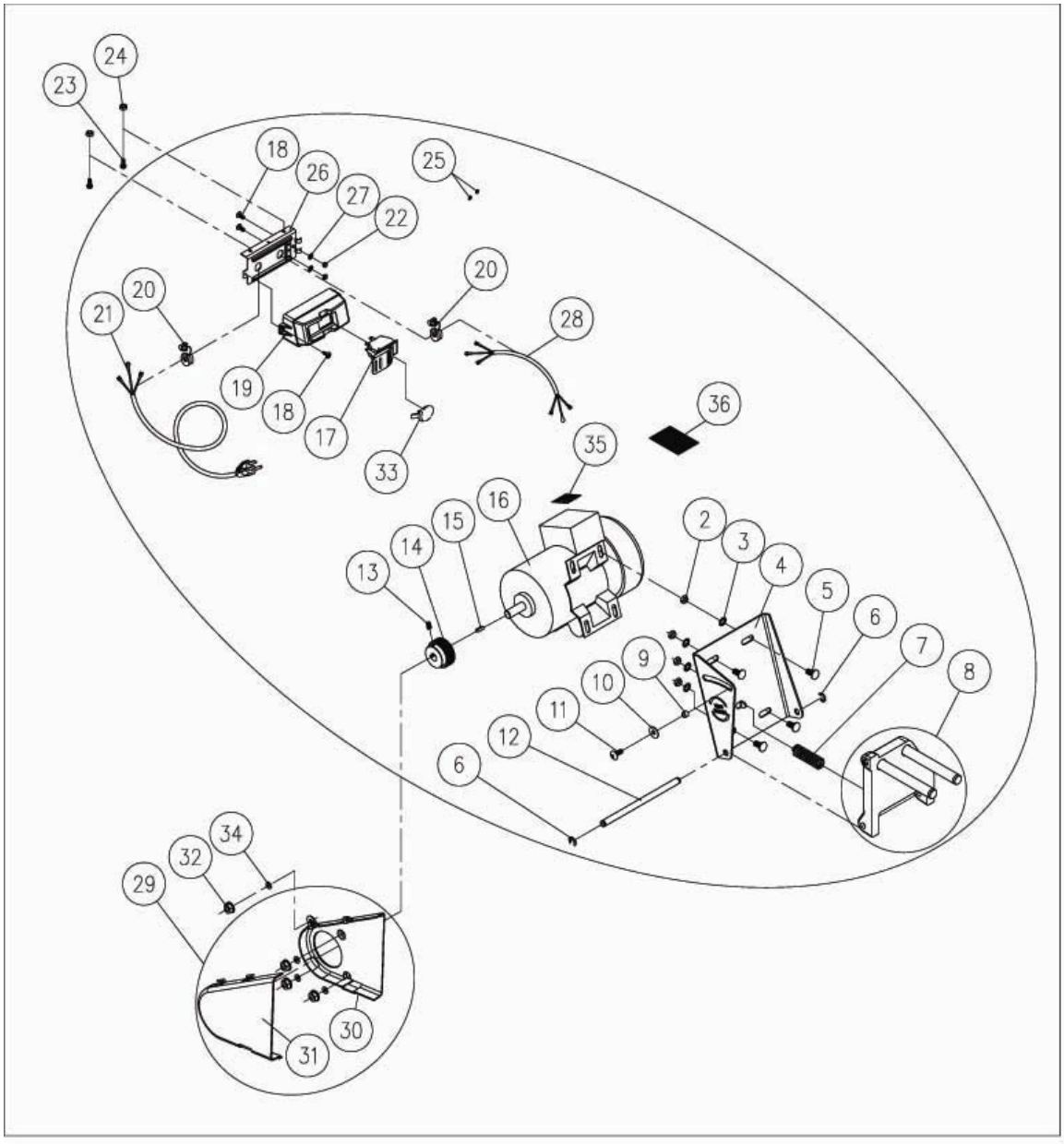
SCHEMATIC DIAGRAM – BLADE GUARD



PARTS LISTING – BLADE GUARD

NO.	PART NUMBER	DESCRIPTION	QTY
1	TH1004	SAW BLADE GUARD ASSEMBLY	1
2	TH100401	WARNING LABEL	1
3	TH100092	KEY	1
4	HU300100	RING SPN-1/4"	2
5	TH100043	GUARD	1
6	TH100412	NUT #10-32NF	1
7	HU190200	WASHER 5.3*14*1.0	2
8	TH100044	SPLITTER	2
9	TH100018	SPACE	2
10	TH100065	SPRING PIN	1
11	TH100046	SPRING PIN	1
12	TH1010	PLATE	1
13	TH100411	SCREW 3/16"-32NF*22.2mm	1
14	TH100402	WASHER 1/4"-20NC*40mm	1
15	TH100042	CONNECT PLATE	1
16	HU160100	NUT 1/4"-20NC	1
17	TH100403	WARNING LABEL 2	1

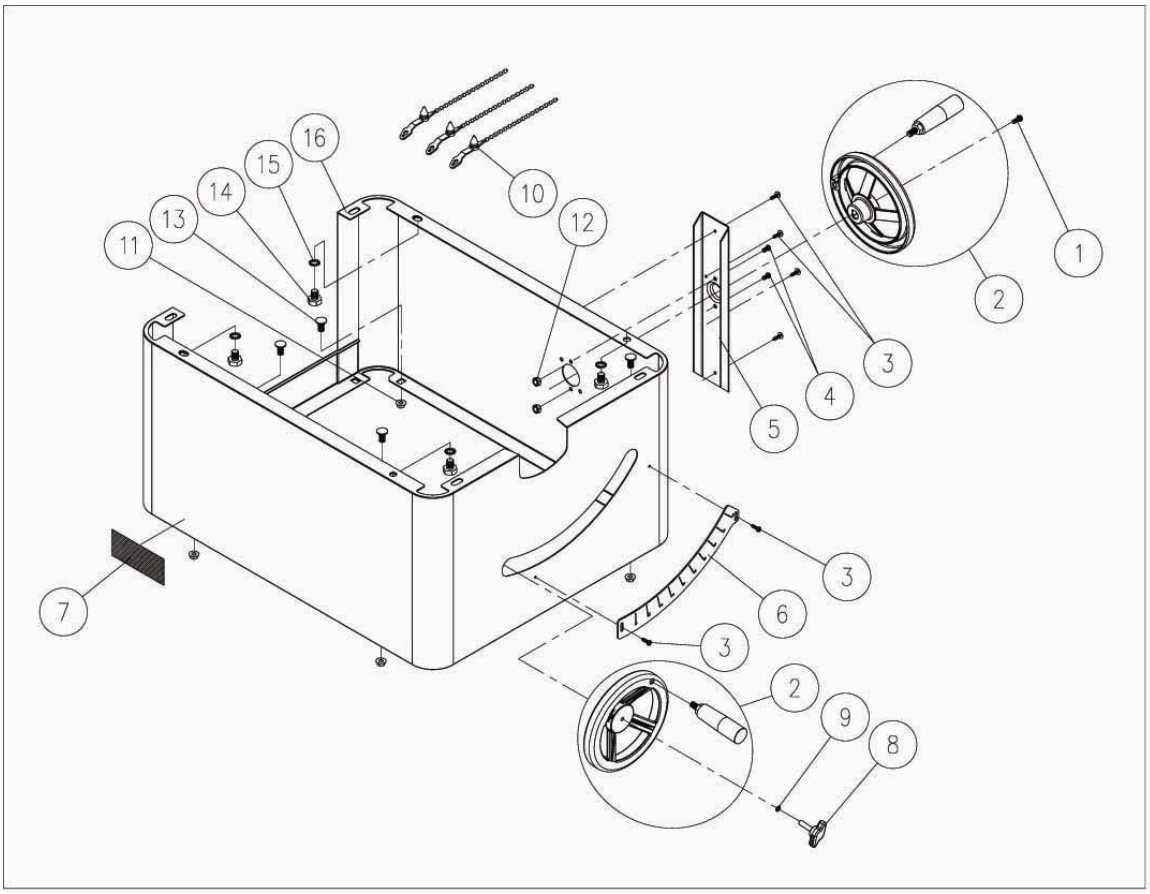
SCHEMATIC DIAGRAM – MOTOR ASSEMBLY



PARTS LISTING – MOTOR ASSEMBLY

NO.	PART NUMBER	DESCRIPTION	QTY
1	TH3303	MOTOR SET ASSEMBLY	1
2	HU150500	NUT 5/16"-18NC	4
3	HU200400	STAR WASHER 8.4*15	4
4	TH100014	MOTOR BASE	1
5	HU070101	SCREW 5/16"-18NC*1/2"	4
6	HU230100	E RING ETW-8	2
7	TH100017	SPRING	1
8	TH1012	MOTOR SUPPORT SET	1
9	TH100045	SLEEVE	1
10	HU190300	WASHER 6.7*19*1.0	1
11	HU060101	SCREW 1/4"-20NC*5/8"	1
12	TH100015	HINGE PIN	1
13	HU140203	SET 5/16"-18NC*1/2"	1
14	TH100064	BELT	1
15	HU290101	KEY 5*5*18	1
16	TH100085	MOTOR	1
17	JE0B0C01	SWITCH	1
18	HU090101	SCREW #10-32NF*3/8"	3
19	TH100047	SWITCH BOX	1
20	HN031000	STRAING RELIEF SB8R-1	2
21	TH100089	CORD WITH PLUG	1
22	HU150200	NUT #10-32NF	2
23	HU130101	STAR WASHER #10-32NF*3/8"	2
24	HU180100	NUT #10-32NF	2
25	PG1A0N06	GROUNDING LABELS	2
26	TH330002	SWITCH PLATE	1
27	HU200200	STAR WASHER 5.3*10	2
28	TH100088	CORD	1
29	TH1011	BELT GUARD ASSEMBLY	1
30	TH100066	BELT PLATE	1
31	TH100067	BELT COVER	1
32	HU170100	NUT M5*0.8P	4
33	JE0B0C03	SWITCH KEY	1
34	HU191300	WASHER 5.3*12*1.0	4
35	TH100903	VOLTAGE LABEL	1
36	TH100901	MOTOR NAME PLATE	1

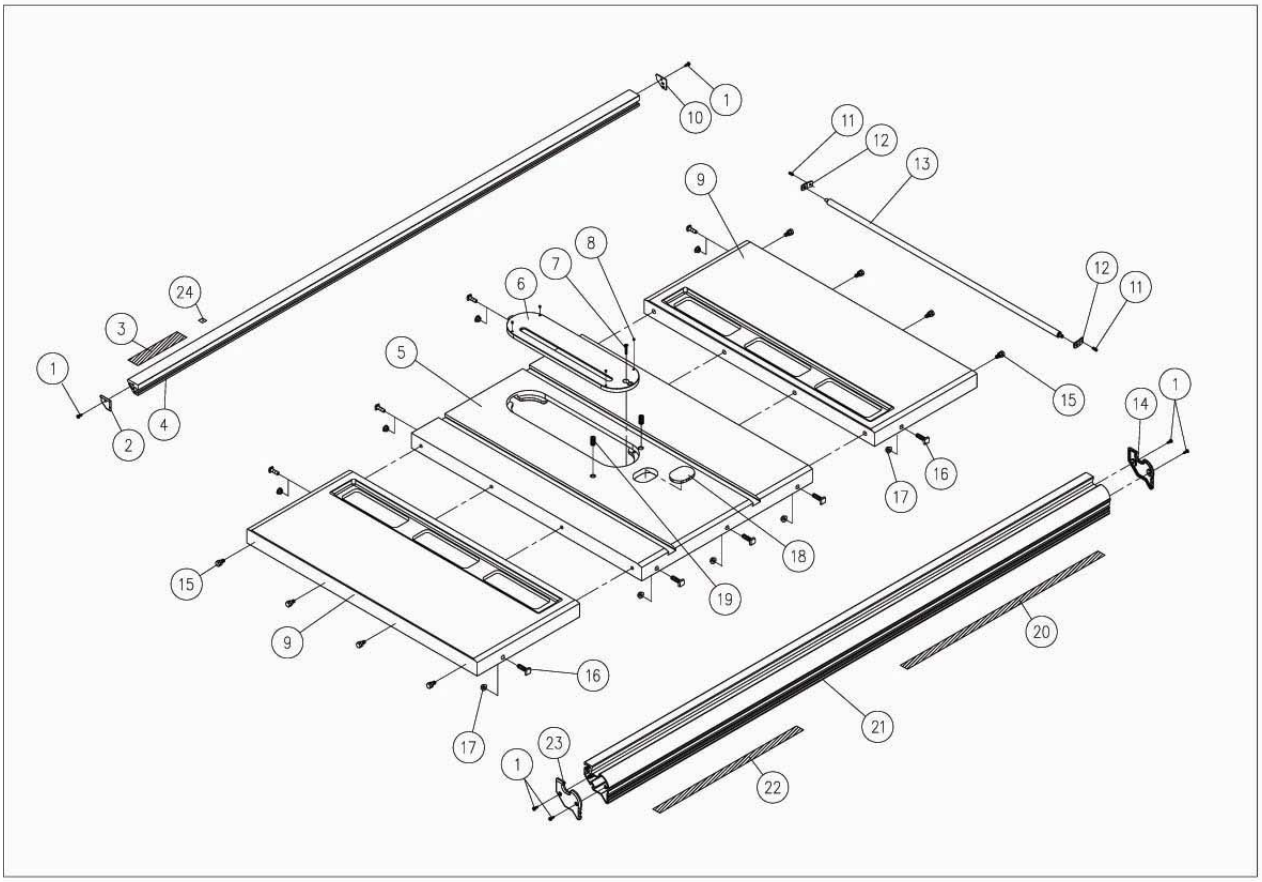
SCHEMATIC DIAGRAM – MAIN HOUSING



PARTS LISTING – MAIN HOUSING

NO.	PART NUMBER	DESCRIPTION	QTY
1	HU130202	STAR WASHER 1/4"-20NC*5/8"	1
2	TH1001	HAND WHEEL SET	2
3	HU080102	SCREW M4.5*1.81P*9	4
4	HU040203	SCREW #10-32NF*1/2"	2
5	TH100010	STIFFNER PLATE	1
6	TH100076	BEVEL SCALE	1
7	PH1A0602	MACHINE LABEL	1
8	TH100060	SCREW	1
9	HU200300	STAR WASHER 6.4*11	1
10	TH100081	TIE WRAPS	3
11	HU170300	NUT 5/16"-18NC	8
12	HU160300	NUT #10-32UNF	2
13	HU070102	SCREW 5/16"-18NC*5/8"	8
14	HU010301	SCREW 3/8"-16NC*1/2"	4
15	HU200500	WASHER 10.5*18	4
16	TH1003	BASE	1

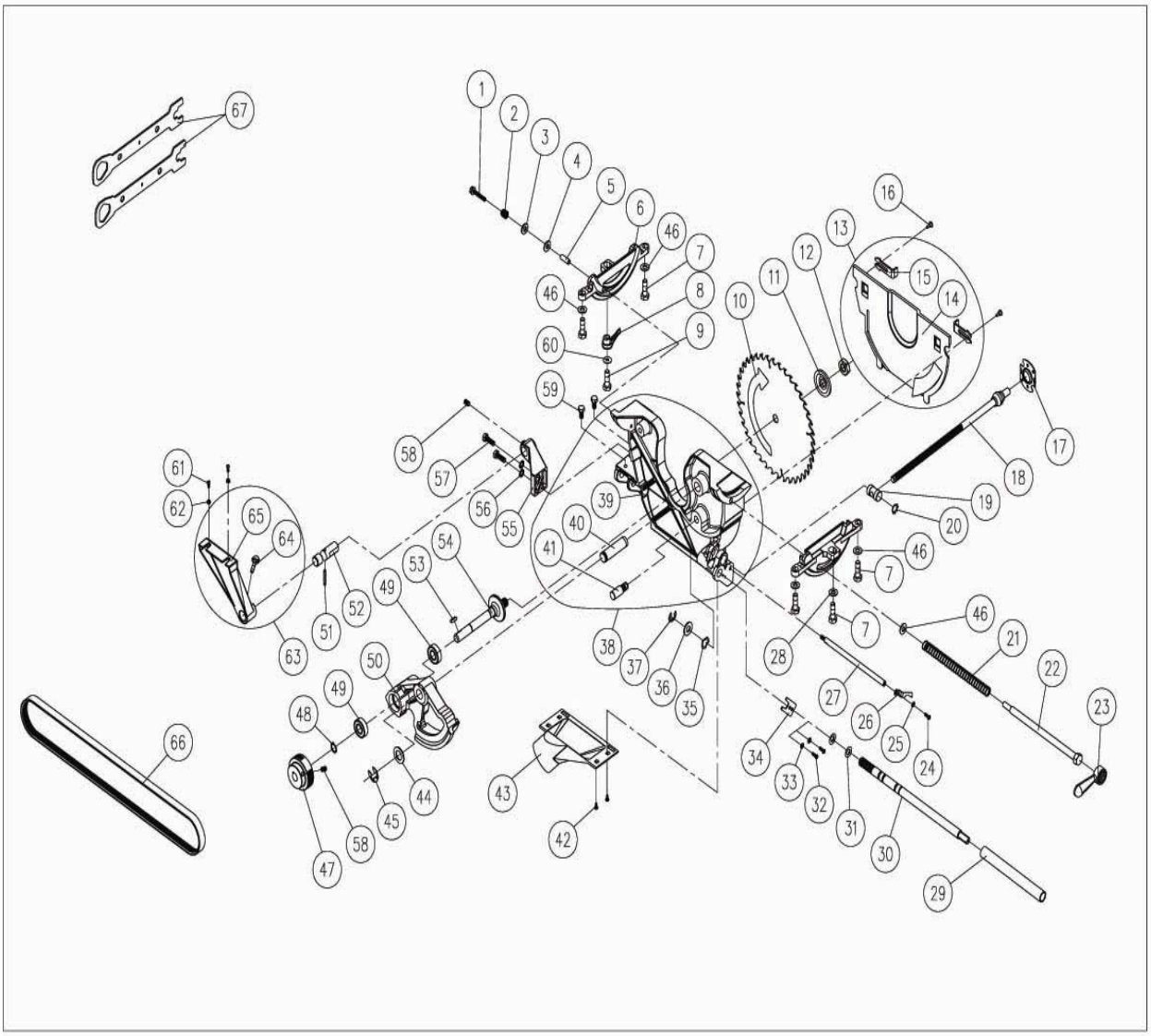
SCHEMATIC DIAGRAM – TABLE ASSEMBLY



PARTS LISTING – TABLE ASSEMBLY

NO.	PART NUMBER	DESCRIPTION	QTY
1	HU080301	SCREW M4*1.59P*12	6
2	TH100053	REAR RAIL COVER LEFT	1
3	TH102102	REAR RAIL STICKER	1
4	310062-909	REAR RAIL ASSEMBLY	1
5	TH100001	MAIN TABLE	1
6	TH100050	THROAT PLATE	1
7	TH100025	SCREW #10-32NF*1-1/4"	1
8	HU140101	SET SCREW #10-32NF*3/8"	4
9	TH100049	EXT. WING	2
10	TH100052	REAR RAIL COVER RIGHT	1
11	HU030303	SET SCREW #10-32NF*7/16"	2
12	TH100055	SUPPORT BLOCK	2
13	TH100054	SUPPORT ROD	1
14	TH100098	RIGHT COVER	1
15	HU100101	WASHER 5/16"-18NC	8
16	TH100094	SCREW 5/16"-18NC*1"	9
17	HU170300	NUT 5/16"-18NC	9
18	TH100051	CENTER BLOCK	1
19	HU140304	SCREW 3/8"-16NC*3/4"	2
20	TH100083	RIGHT RULE	1
21	310057-909	FRONT RAIL	1
22	TH100082	LEFT RULE	1
23	TH100097	LEFT COVER	1
24	TH102103	INDICATOR	1

SCHEMATIC DIAGRAM – INTERNAL BODY



PARTS LISTING – INTERNAL BODY

NO.	PART NUMBER	DESCRIPTION	QTY
1	TH100093	WASHER 1/4"-20NC	1
2	TH100063	SPRING	1
3	HU191200	WASHER 6.2*19*1.0	1
4	TH100080	WASHER 10.2*19*1.6	1
5	TH100030	SCREW SLEEVE	1
6	TH100003	TRUNNION	2
7	HU010304	SCREW 3/8"-16NC*1"	5
8	TH100021	HANDLE	1
9	HU010305	SCREW 3/8"-16NC*1-3/8"	1
10		SAW BLADE 40T	1
11	TH100023	SAW BLADE WASHER	1
12	TH100079	SAW BLADE NUT	1
13	TH1014	SIDE COVER SET	1
14	TH100032	SIDE COVER	1
15	TH100033	KEY	2
16	TH100095	SCREW #10-24NC	2
17	TH100009	BASE	1
18	TH1008	ROD SET	1
19	TH100075	LEAD ROD	1
20	TH010077	WASHER	1
21	TH100026	SPRING	1
22	TH100027	LOCK PIN	1
23	TH100028	HANDLE	1
24	HU040302	WASHER #10-24UNC*3/8"	1
25	HU200200	STAR WASHER 5.3*10	1
26	TH100062	INDEX	1
27	TH100073	CONNECT ROD	1
28	HU190700	WASHER 10.5*23*3.0	1
29	TH100031	SLEEVE	1
30	TH100029	WORM GEAR ROD	1
31	HM081100	O RING P12	2
32	HU020101	CAD SCREW #10-24NC*3/8"	2
33	HU210100	SPRING WASHER 5.1*9.3	2
34	TH100074	ROD LOCK PLATE	1

35	HU220100	WAVE WASHER WW-16	1
36	HU190800	WASHER 16*25*1.5	1
37	HU230200	E RING ETW-12	1
38	TH1013	ARBOR SET	1
39	TH100002	ARBOR BASE	1
40	TH100012	ARBOR	1
41	TH100011	STOP PIN	1
42	HU120101	WASHER 3/16"-24NC*1/2"	4
43	TH100034	HOSE	1
44	TH100090	WASHER 20.1*35*2.0	1
45	HU230300	E RING ETW-15	1
46	HU190500	WASHER 10.3*22*2.0	5
47	TH100006	PULLY	1
48	HU240100	S RING STW-15	1
49	HJ036300	BEARING 6202-2NSE	2
50	TH100004	GEAR	1
51	HU280202	KEYSUPPORT ARBOR 5*30	1
52	TH100022	ARBOR	1
53	HU290101	KEY 5*5*18	1
54	TH100005	MAIN ARBOR	1
55	TH100019	SUPPORTER	1
56	HU200400	STAR WASHER 8.4*15	2
57	HU010204	SCREW 5/16"-18NC*1"	2
58	HU140203	SCREW 5/16"-18NC*1/2"	2
59	HU010202	SCREW 5/16"-18NC*5/8"	2
60	HU190600	WASHER 10.5*19*1.5	1
61	HU010102	SCREW 1/4"-20NC*5/8"	2
62	HU170200	NUT 1/4"-20NC	2
63	TH1026	SUPPORT ASSEMBLY	1
64	TH100084	SCREW	1
65	TH100020	SPREADER SUPPORTER	1
66	HK140430	V-BELT 420J-6	1
67	TH100071	WRENCH	2

WARRANTY

CRAFTEX 2 YEAR LIMITED WARRANTY

Craftex warrants every product to be free from defects in materials and agrees to correct such defects where applicable. This warranty covers **two 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.