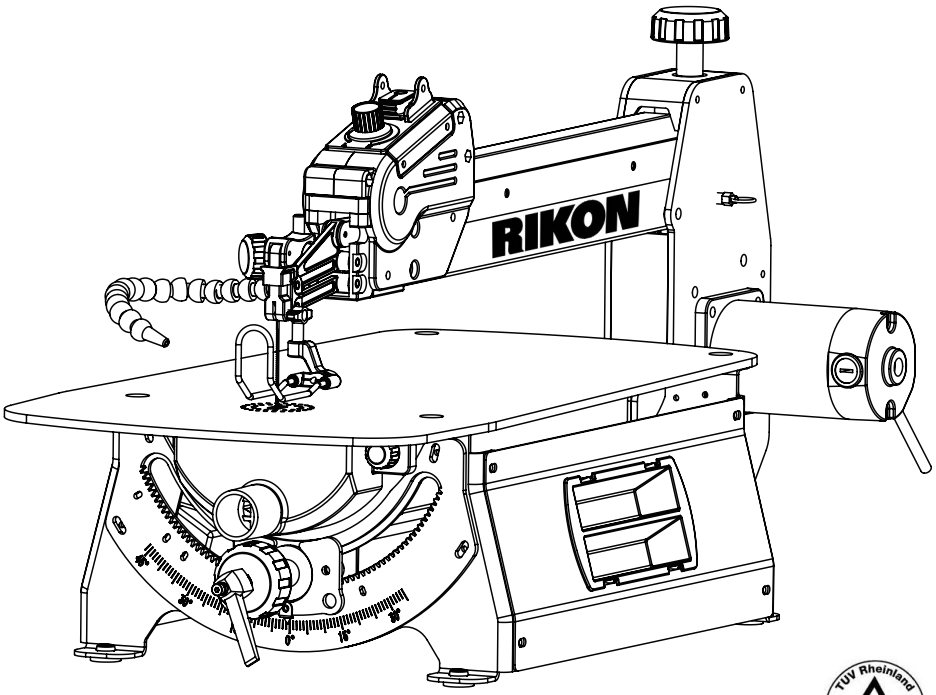
#10-622VS

22″ VARIABLE SPEED SCROLL SAW



Operator's Manual

Record the serial number and date of purchase in your manual for future reference.
The serial number can be found on the specification label on the rear of your machine.

Serial Number: _____ Date of purchase: _____

For technical support or parts questions, email techsupport@rikontools.com or call toll free at (877) 884-5167.

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SPECIFICATIONS

Motor Amps, Volts, Hertz	1.6A, 120V, 60Hz
Electronic Variable Speed (SPM)	550 - 1,550
Pinless Blade Length	5” / 130mm
Maximum Cutting Height	2“ / 50mm
Stroke	3/4” / 20mm
Throat Depth	22” / 560mm
Table Size (LxW)	25-5/8” x 13-3/4” / 650 x 350mm
Table Tilting	30° Left, 0°, 45° Right
Base to Table Height	7-9/16“ / 192mm
Dust Port Diameter (O.D.)	1-3/8” / 35mm
Maximum Sound Level (at 0.3m / 11.8“)	<80dB
Overall Size (LxWxH)	34"x14-1/8"x16-9/16" / 865x360x420mm
Base Size (approx. LxW)	18-5/8” x 13-1/4” / 475 x 335mm
Net Weight	68 lbs.

NOTE: The specifications, photographs, drawings and information in this manual represent the current model when the manual was prepared. Changes and improvements may be made at any time, with no obligation on the part of Rikon Power Tools, Inc. to modify previously delivered units. Reasonable care has been taken to ensure that the information in this manual is correct, to provide you with the guidelines for the proper safety, assembly and operation of this machine.

SAFETY INSTRUCTIONS

⚠ WARNING

Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

WORK AREA SAFETY

1. **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
2. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
3. **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

1. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
2. **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
3. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
4. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
5. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
6. **If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** Use of a GFCI reduces the risk of electric shock.

PERSONAL SAFETY

1. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
2. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a respiratory mask, non-skid safety shoes and hearing protection used for appropriate conditions will reduce the risk of personal injury.
3. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
4. **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

5. **Do not overreach.** Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
6. **Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.** Loose clothes, jewelry or long hair can be caughtin moving parts.
7. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

POWER TOOL USE AND CARE

1. **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
2. **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
3. **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
4. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
5. **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
6. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
7. **Use the power tool, accessories and tool bits, etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
8. **Use clamps to secure your workpiece to a stable surface.** Holding a workpiece by hand or using your body to support it may lead to loss of control.
9. **KEEP GUARDS IN PLACE** and in working order.

SERVICE

1. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

CALIFORNIA PROPOSITION 65 WARNING

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals, including lead, known to the State of California to cause cancer, birth defects, or other reproductive harm. Wash hands after handling. Some examples of these chemicals are:

• Lead from lead-based paints.
• Crystalline silica from bricks, cement, and other masonry products.
• Arsenic and chromium from chemically treated lumber.
Your risk from these exposures varies depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area with approved safety equipment such as dust masks specially designed to filter out microscopic particles. For more information go to www.P65Warnings.ca.gov

BEFORE OPERATION

1. Check for both proper assembly and proper alignment of moving parts.
2. Understand the proper use of the ON / OFF switch.
3. Know the condition of the scroll saw. If any part is missing, bent, or does not operate properly, replace the component before attempting to operate the scroll saw.
4. Determine the type of work you are going to be doing. Properly protect your body including your eyes, hands, face, and ears.
5. To avoid injury caused by pieces thrown from accessories, use only recommended accessories designed for this saw. Follow the instructions supplied with the accessory. The use of improper accessories may cause risk of injury.
6. **To avoid contact with rotating equipment:**
- Do not put your fingers in a position where they risk contacting the blade if the workpiece unexpectedly shifts or your hand unexpectedly slips.
- Do not cut a workpiece too small to be held safely.
- Do not reach under the scroll saw table when the motor is running.
- Do not wear loose clothing or jewelry. Roll long sleeves above the elbow. Tie back long hair.
7. To avoid injury from accidental startups of the scroll saw:
- Make sure to turn OFF the switch and unplug the power cord from the electric outlet before changing the blade, performing maintenance or making adjustments.
- Make sure the switch is OFF before plugging in the power cord to an electric outlet.
8. To avoid injury from a fire hazard, do not operate the scroll saw near flammable liquids, vapors or gases.
9. **To avoid back injury:**
- Obtain help when raising the scroll saw more than 10 inches (25.4 cm). Bend your knees when lifting the scroll saw.
- Carry the scroll saw by its base. Do not move the scroll saw by pulling on the power cord. Pulling on the power cord could cause damage to the insulation or the wire connections resulting in electric shock or fire.

SCROLL SAW SAFETY

1. **To avoid injury from unexpected saw movement:**
- Use the scroll saw on a firm level surface with adequate space for handling and supporting the workpiece.
- Be sure the scroll saw cannot move when operated. Secure the scroll saw to a workbench or table with wood screws or bolts, washers and nuts.

CONTINUED ON PAGE 6

SAFETY INSTRUCTIONS

SCROLL SAW SAFETY - CONTINUED FROM PAGE 5

2. **Before moving the scroll saw, unplug the power cord from the electrical outlet.**
3. **To avoid injury from kickback:**
- Hold the workpiece firmly against the tabletop.
- Do not feed the workpiece too fast while cutting. Only feed the workpiece at the rate the saw will cut.
- Install the blade with the teeth pointing downward.
- Do not start the saw with the workpiece pressing against the blade. Slowly feed the workpiece into the moving blade.
- Use caution when cutting round or irregularly shaped workpieces. Round items will roll and irregularly shaped workpieces can pinch the blade.
4. **To avoid injury when operating the scroll saw:**
- Obtain advice from a qualified person if you're not thoroughly familiar with the operation of scroll saws.
- Before starting the saw, make sure the blade tension is correct. Recheck and adjust tension as needed.
- Make sure the table is locked into position before starting the saw.
- Do not use dull or bent blades.
- When cutting a large workpiece, make sure the material is supported at the table height.
- Turn the saw OFF and unplug the power cord if the blade jams in the workpiece. This condition is usually caused by sawdust clogging the line you are cutting. Wedge open the workpiece and back out the blade after turning off and unplugging the machine.

GROUNDING INSTRUCTIONS

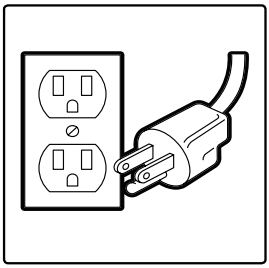
In the event of a malfunction or breakdown, grounding provides the path of least resistance for an electric current and reduces the risk of electric shock. This tool is equipped with an electric cord that has an equipment grounding conductor and a grounding plug. The plug MUST be plugged into a matching outlet that is properly installed and grounded in accordance with ALL local codes and ordinances.

1. **Do not modify the plug provided.** If it will not fit the outlet, have the proper outlet installed by a licensed electrician.
2. **Improper connection** of the equipment grounding conductor can result in electric shock. The conductor with the green insulation (with or without yellow stripes) is the equipment grounding conductor. If repair or replacement of the electric cord or plug is necessary, DO NOT connect the equipment grounding conductorto a live terminal.
3. **Check** with a licensed electrician or service personnel if you do not completely understand the grounding instructions or whether the tool is properly grounded.
4. **Use only three-wire extension cords** that have three-pronged plugs and outlets that accept the tool's plug. Repair or replace a damaged or worn cord immediately.

CAUTION! In all cases, make certain the outlet in question is properly grounded. If you are not sure, have a licensed electrician check the outlet.

SAFETY INSTRUCTIONS

GUIDELINES AND RECOMMENDATIONS FOR EXTENSION CORDS



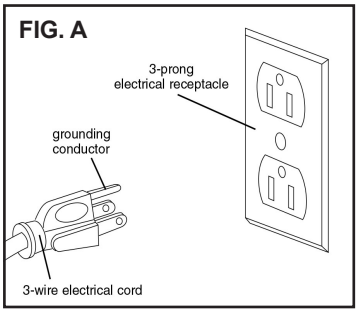
When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The table below shows the correct size to be used according to cord length and ampere rating. When in doubt, use a heavier cord. The smaller the gauge number, the heavier the cord.

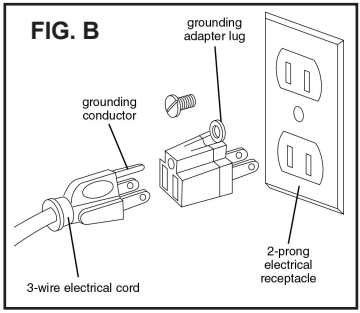
NOTE: Canadian electrical codes require extension cords to be certified SJT type or better.

AMPERAGE	REQUIRED GAUGE FOR EXTENSION CORDS			
	25 ft.	50 ft.	100 ft.	150 ft.
0 TO 6 Amps	18 gauge	16 gauge	16 gauge	14 gauge

1. **Examine extension cord before use.** Make sure your extension cord is properly wired and in good condition. Always replace a damaged extension cord or have it repaired by a qualified person before using it.
2. **Do not abuse extension cord.** Do not pull on cord to disconnect from receptacle; always disconnect by pulling on plug. Disconnect the extension cord from the receptacle before disconnecting the product from the extension cord. Protect your extension cords from sharp objects, excessive heat and damp/wet areas.
3. **Use a separate electrical circuit for your tool.** This circuit must not be less than a 12-gauge wire and should be protected with a 15A time-delayed fuse. Before connecting the motor to the power line, make sure the switch is in the OFF position and the electric current is rated the same as the current stamped on the motor nameplate. Running at a lower voltage will damage the motor.

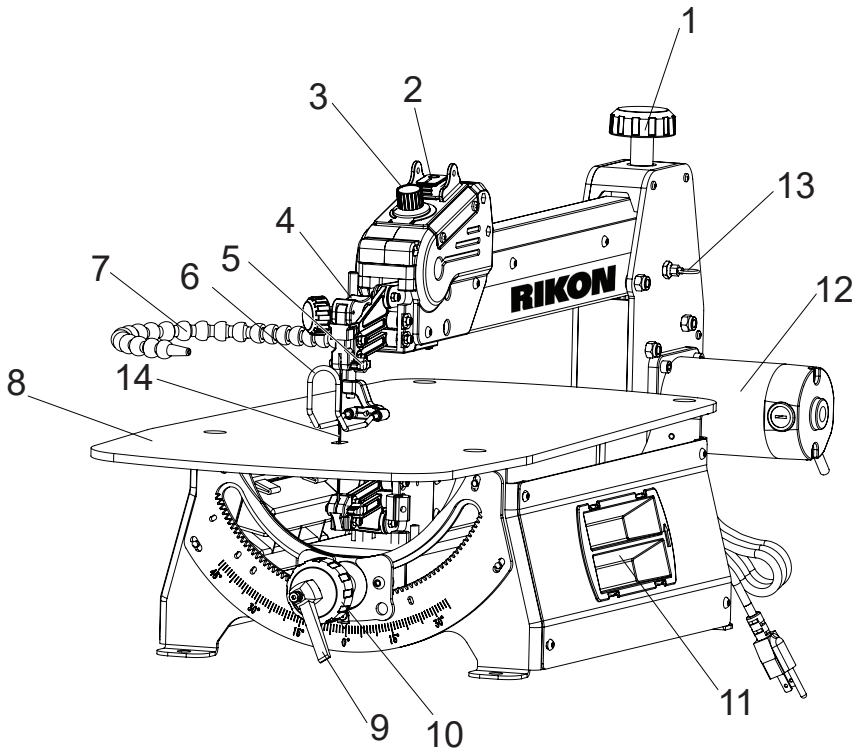
This tool is intended for use on a circuit that has an electrical receptacle as shown in FIGURE A. It shows a 3-wire electrical plug and electrical receptacle that has a grounding conductor. If a properly grounded electrical receptacle is not available, an adapter as shown in FIGURE B can be used to temporarily connect this plug to a 2-contact ungrounded receptacle. The adapter has a rigid lug extending from it that MUST be connected to a permanent earth ground, such as a properly grounded receptacle box. THIS ADAPTER IS PROHIBITED IN CANADA.





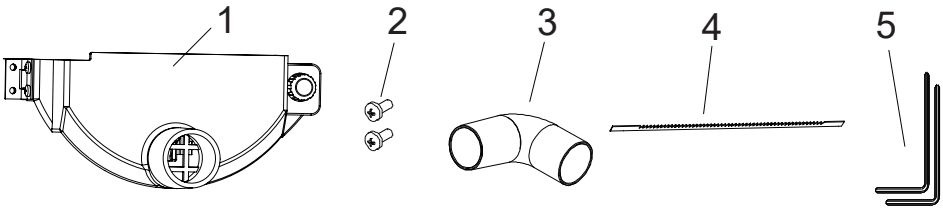
KEY PARTS OVERVIEW

No.	Description	Qty.
1	Blade tension knob	1
2	Power switch	1
3	Variable speed control knob	1
4	Blade tension handle	1
5	Blade lock knob	2
6	Blade guard	1
7	Sawdust blower	1
8	Work table	1
9	Table level lock handle	1
10	Table level knob	1
11	Tool box	2
12	Motor	1
13	Pull ring pin	1
14	18 TPI Pinless Blade	1



ATTACHMENT PARTS

No.	Description	Qty.
1	Dust hood	1
2	Phillips screw M4X12	2
3	90° Dust hose fitting	1
4	15 TPI Pinless Blade	1
5	Hex Wrenches (S3, S4)	2



See pages 16 to 18 for the Parts Diagram and Parts List.

ASSEMBLY

The model # 10-622VS 22” Scroll Saw is shipped complete in one box.

UNPACKING AND CLEAN-UP

1. **⚠ WARNING** Report any shipping damage immediately to your local distributor. Take photographs for any possible insurance claims.

2. Carefully remove all contents from the shipping carton. Compare the contents with the list of contents to make sure that all of the items are accounted for, before discarding any packing material. Place parts on a protected surface for easy identification and assembly.
If any parts are missing or broken, please call RIKON Customer Service (877- 884-5167) as soon as possible for replacements. DO NOT turn your machine ON if any of these items are missing. You may cause injury to yourself or damage to the machine.

3. Clean all rust protected surfaces with ordinary house-hold type grease / spot remover or mild solvent. Do not use; gasoline, paint thinner, mineral spirits, etc. These may damage painted surfaces. Wipe all parts thoroughly with a clean dry cloth.

4. Set packing material and shipping carton aside. Do not discard until the machine has been set up and is running properly. Dispose of the packing in an environmentally friendly manner.

ASSEMBLY & ADJUSTMENTS

This machine is designed to operate in closed rooms and must be placed stable on a firm and level surface. For safe operation of the scroll saw, the machine should be secured to a solid work surface, bench or stand.
• A workbench made from solid wood is better than one made of plywood, as interfering vibrations and noise are more noticeable with plywood.

⚠ WARNING **THE MACHINE MUST NOT BE PLUGGED IN AND THE POWER SWITCH MUST BE IN THE 'OFF' POSITION UNTIL ASSEMBLY IS COMPLETE.**

TO REDUCE RISK OF INJURY:

- When carrying the saw, hold it close to your body to avoid injury to your back. Bend your knees when lifting the saw.
- Carry the saw by the base, table or housing. DO NOT carry the saw by the upper arm, motor or power cord.
- Secure the saw in a position where people cannot stand, sit, or walk behind it. Debris thrown from the saw could injure people standing, sitting, or walking behind it. Securethe saw on a firm, level surface where the saw cannot rock. Make sure there is adequate room for handling and properly supporting the workpiece.

DUST COVER INSTALLATION

1. Secure the dust hood to the machine by threading the Phillips screws (Fig. 1, 1) through the holes in the hinge.
2. Tighten the locking knob (2).

Note: This machine is equipped with a 90° elbow for easy dust hose fitting. See page 9.

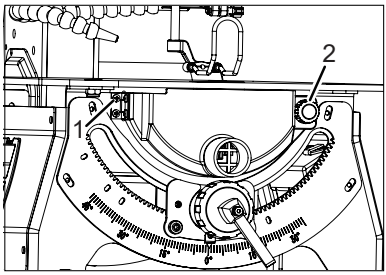


FIGURE 1

ALIGN THE BEVEL INDICATOR

The bevel indicator has been adjusted at the factory, but should be rechecked prior to use for best operation.
1. Loosen the blade guard knob (Fig. 2, 1) and move the blade guard (2) all the way up.
2. Check if the pointer is on the 0 scale. If not, first Loosen the table level lock handle (Fig. 3, 3) and turn the table level knob (4) to bevel the table until it is approximately at a right angle to the blade.

ADJUSTMENTS & OPERATION

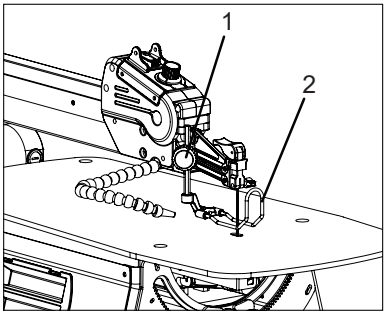


FIGURE 2

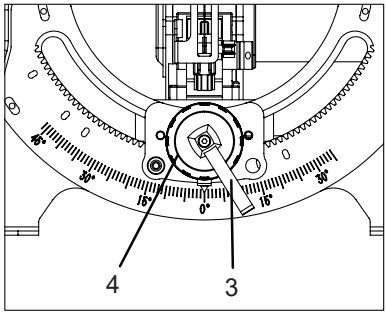


FIGURE 3

ADJUSTING THE DUST BLOWER

For best results, the dust blower tube (Fig. 4, 3) should be adjusted to direct air at both the blade and the workpiece.

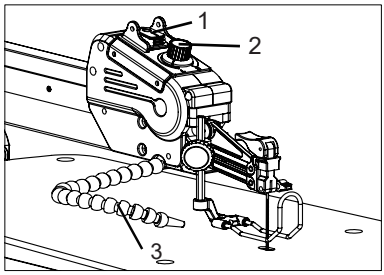


FIGURE 4

POWER SWITCH & SPEED CONTROL KNOB

1. To turn the saw on, flip the I/O switch (Fig. 4, 1) to I. When first starting the saw, it is best to move the speed control knob (2) to the middle speed position.
2. Turning the control knob. Turning it towards H increases speed; turning it towards L reduces speed.
3. To turn the saw off, flip the I/O switch back to O.

⚠WARNING

To avoid injury from accidental start-ups, always turn the switch OFF and unplug the scroll saw before moving the saw, replacing the blade, or making adjustments.

FREEHAND CUTTING

1. Lay out desired design, or secure design to the workpiece.
2. Raise the blade guard foot by loosening the height adjustment knob.
3. Position the workpiece against the blade and place the blade guard foot just above the top surface of the workpiece.
4. Secure the blade guard foot by tightening the height adjustment knob.
5. Remove the workpiece from the blade prior to turning the scroll saw ON.
6. Slowly feed the workpiece into the blade while holding the workpiece securely against the table.
7. When cutting is complete, move trailing edge of the workpiece beyond the blade guard foot. Turn the switch OFF.

ADJUSTMENTS & OPERATION

ANGLE CUTTING (BEVELING)

1. Layout or secure design to workpiece.
2. Loosen the blade guard height adjustment knob (Fig. 5, 2), move the blade guard foot (1) to the highest position, and retighten the knob.
3. Tilt the table to the desired angle by loosening the table bevel lock knob (3). Move the table to the proper angle using the degree scale and the pointer (4).

TIP: The table has positive stops at 0, 22.5, 30, and 45 degrees.

4. Tighten the table bevel lock knob (Fig. 5, 3).
5. Loosen the blade guard rear screw (Fig. 6, 3), and tilt the blade guard to the same angle as the table. Retighten the blade guard screw.
6. Position the workpiece on the right side of the blade. Lower the blade guard foot against the surface by loosening the height adjustment knob. Retighten.
7. Follow steps 5 to 7 under Freehand Cutting on page 11.

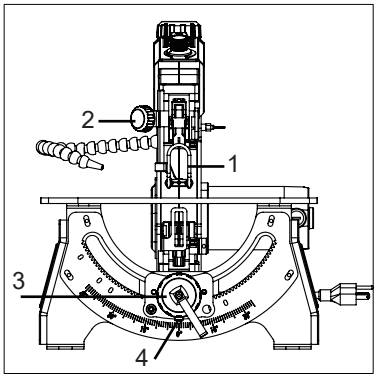


FIGURE 5

INTERIOR CUTTING & FRETWORK

1. Lay out the your design on the workpiece. Drill a 1/4" pilot hole in the workpiece.
2. Rotate the Blade tension handle (Fig. 6, 1) up. Loosen the top blade locking knob (2).
3. Gently lift the upper arm (Fig. 7, 3) of the saw.
4. Place the workpiece on the saw table, threading the blade through the hole in the workpiece.
5. Pull the ring pin (Fig. 7, 4) outward, lower the upper arm. This will lock the upper arm in place. Gently press on the upper arm to make sure it is locked in place.
6. Secure the blade in the upper blade clamp, as directed in " Replace The Saw Blade " (see page 13).
7. Follow steps 4 - 7 under "Freehand Cutting" .
8. When finished making the interior cuts, turn the scroll saw OFF and unplug it. Relieve blade tension and remove the blade from the upper blade clamp. Raise the upper arm and remove the workpiece. Lower the upper arm and lock it in place.

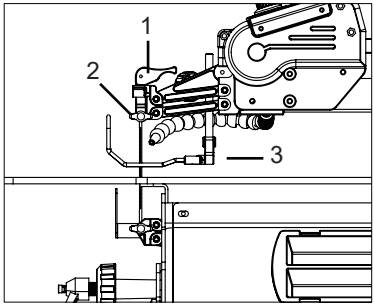


FIGURE 6

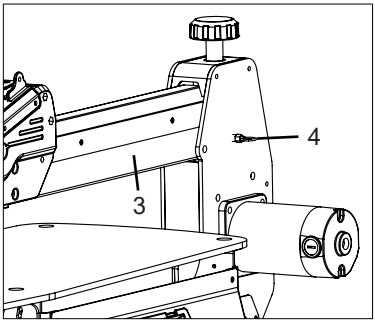


FIGURE 7

ADJUSTMENTS & OPERATION

⚠ WARNING Make sure the saw is turned OFF and unplugged before making any adjustments to the blade.

NOTE: The 10-622VS 22" Scroll Saw only accepts 5" PINLESS scroll saw blades.

REPLACE THE SAW BLADE

1. Loosen the locking knob (Fig.8, 1) first and swing open the Dust Hood (2).
2. To remove the blade, rotate the Blade Tension Handle (Fig. 9, 2) upward to relieve tension.
3. Loosen the top blade locking knob (3), then Loosen the bottom blade locking knob (4).

Remove the blade.

4. With the blade's teeth facing toward you and pointing down, thread the new blade through the table slot so that its bottom rests in the bottom clamp.
5. Tighten the bottom blade locking knob (4). This locks the blade in place.
6. Insert the top of the blade into the top clamp. Tighten the top blade locking knob (3).
7. Pull down the Blade tension handle (2) toward down to Lock up.
8. Fine-tune the Blade tension knob (Fig. 10, 5).

TIP: A properly-tensioned blade will make a high-C sound (C6, 1047 Hz) when plucked with a finger.

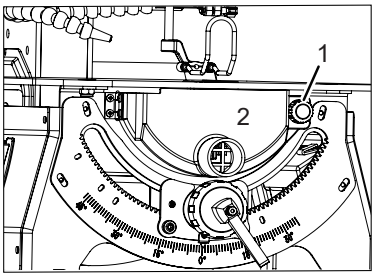


FIGURE 8

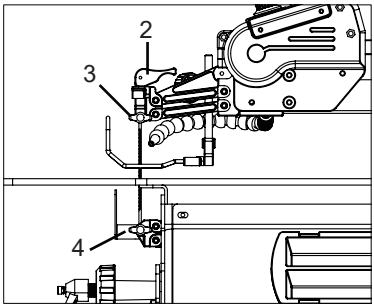


FIGURE 9

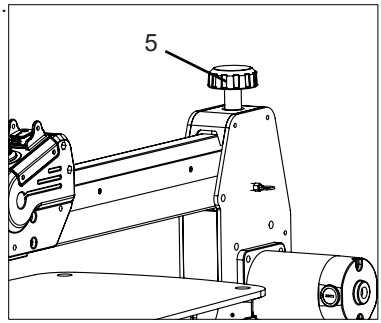


FIGURE 10

IMPORTANT

For your own safety, read and follow all of the Safety Guidelines and Operating Instructions before using this machine.

MAINTENANCE

CARBON BRUSH REPLACEMENT

The wear on the carbon brushes depends on how frequently and how heavily the tool is used. To maintain maximum efficiency of the motor, we recommend inspecting the two carbon brushes every 60 hours of operation or when the tool stops working.

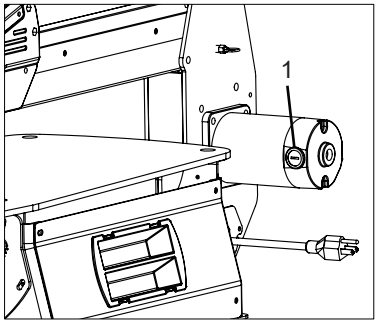


FIGURE 11

1. Unplug the saw. To access the carbon brushes, remove the carbon brush cover (Fig. 11, 1) with a flat-head screwdriver (not included).
2. Carefully remove the old carbon brushes. Keep track of which orientation the old carbon brushes were in to prevent unnecessary wear if they will be reinstalled.
3. Measure the length of the brushes. Install the new set of carbon brushes if either carbon brush length is worn down to 19/32” or less. Reinstall the old carbon brushes (in their original orientation) if your brushes are not worn down to 19/32” or less. Both carbon brushes should be replaced at the same time.
4. Replace the carbon brush cover.

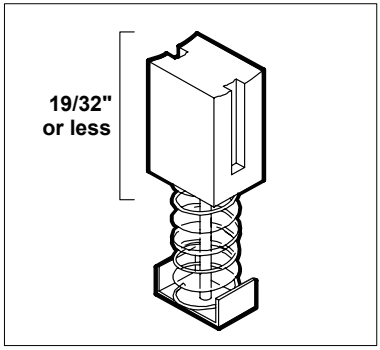


FIGURE 11

GENERAL MAINTENANCE

1. Before each use:
- Check the power cord and plug for any wear or damage.
- Check for any loose screws or hardware.
- Check the area to make sure it is clear of any misplaced tools, lumber, cleaning supplies, etc. that could hamper the safe operation of the machine.

2. Check the saw blade before use to make sure that it is properly installed, tensioned and not dull. Clean and efficient cutting results from a properly set blade.
3. Clean your saw after each use. Wipe it down with a soft cloth. Clean any accumulated sawdust out of the base. Use low-pressure compressed air (not to exceed 25 PSI) to blow any sawdust out of the blade holders, blade bevel rails, etc.. **WARNING:** If blowing sawdust, wear proper eye protection to prevent debris from blowing into eyes.
4. If desired, apply a light coat of dry lubricant (such as PTFE) to the inside of the blade bevel rails. This will help the table bevel smoothly.
5. The motor bearings, interior bearings, and table bevel rail bearings are all sealed and require no additional lubrication.

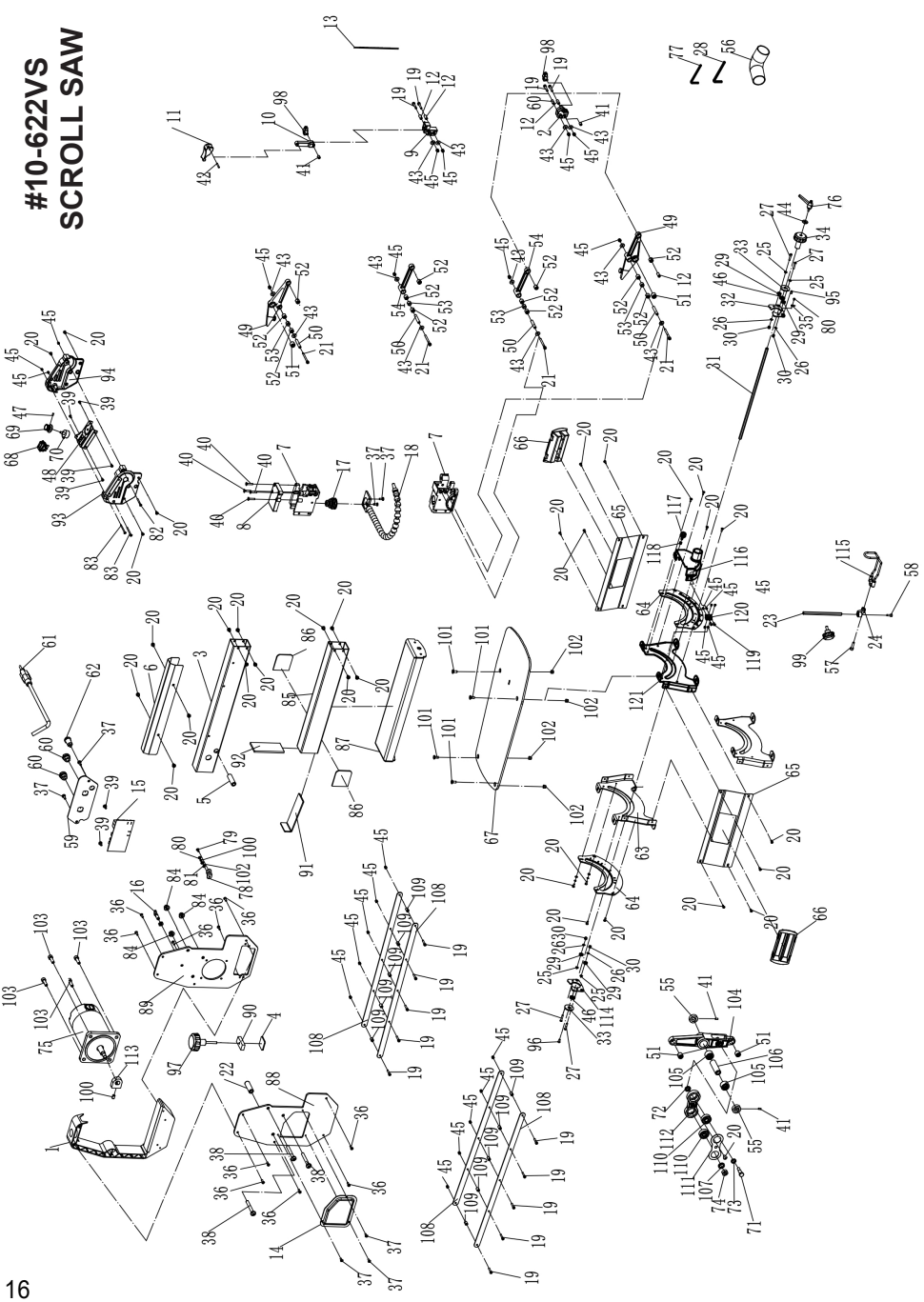
TROUBLESHOOTING

⚠ WARNING

FOR YOUR OWN SAFETY, ALWAYS TURN OFF AND UNPLUG THE MACHINE BEFORE CARRYING OUT ANY TROUBLESHOOTING.

SYMPTOM	PROBABLE CAUSE	CORRECTIVE ACTION
Saw blades break	Tension incorrectly set	Set the correct tension
	Load to great	Feed the work piece more slowly
	Incorrect saw blade variety	Use the correct saw blades
	Work piece not fed straight	Avoid exerting side pressure
Motor does not function	Power cable faulty	Change faulty cable
	Motor faulty	Call customer service. Do not attempt to repair the motor yourself as this should be carried out by trained personnel.
	Motor control board failure	Change a new control board
Vibration **NOTE:** The saw vibrates slightly when the motor is running in normal operation	Unsuitable underlay	The heavier the work bench is the less the vibration. A bench made from plywood always vibrates more than one made from solid wood.Select the work bench best suited to your working conditions.
	Saw blade incorrectly installed	Refer to the instructions in this manual on page 13.
	The scroll saw is not secured to bench or stand	Secure the scroll saw to the workbench or stand.
Saw blade not aligned straight	Holders not aligned	Align the screws in the holders so that they are perpendicular to each other and retighten the screws.

PARTS DIAGRAM



PARTS LIST - #10-622VS

NOTE: Please reference the Key Number when calling for Replacement Parts.
For Parts under Warranty, the Serial Number of your machine is required.

KEY	DESCRIPTION	QTY
1	Housing guard board	1
2	Lower adaptor	1
3	Upper supporting tube	1
4	Upper supporting pad	1
5	Upper supporting spindle	1
6	Upper supporting backplate	1
7	Arm base	2
8	Pull rod slide block	1
9	Adaptor support	1
10	Upper adaptor	1
11	Blade tension handle	1
12	Bearing bushing 2	4
13	Blade	1
14	Left housing insert	1
15	Motor control board PCB R3	1
16	Pull ring pin M8	1
17	Bellows	1
18	Blast pipe	1
19	Hex socket screw M4x20	14
20	Hex socket screw M5x8	33
21	Hex socket screw M4x40	4
22	Bracket Reinforcement Tube	1
23	Adjusting rod	1
24	Drop foot base	1
25	Bearing spacer bush	4
26	Bearing pad	4
27	Dome screw-M6x25	4
28	Hex socket wrench S4	1
29	Bearing 606	4
30	Hex nut M6	4
31	Lock rod (M8)	1
32	Bearing pressure plate rivets	1
33	Bearing pressure plate	2
34	Table lock knob	1
35	Pointer	1
36	Phillips screw ST3.9*12	10
37	Hex socket screw M4x10	7
38	Hex screw-M8x65	3
39	Phillips screw ST3.5x6-F	6
40	Hex socket screw M4x20	4

KEY	DESCRIPTION	QTY
41	Hex socket screw M6x8	4
42	Sping cloumn pin-3x18	1
43	Big washer D4	11
44	Big washer D8	1
45	Lock hex nut M4	25
46	Steering gear M1.5Z14	2
47	Hex socket screw M4x8	1
48	Switch box cover	1
49	Big arm	2
50	Bearing bush 3	4
51	Needle bearing HK0810	4
52	Needle bearing HK0609	12
53	Bearing pad	4
54	Small arm	2
55	Swing axle sleeve	2
56	Dust hose fitting	1
57	Hex socket screw M5x20	1
58	Hex socket screw M4x12	1
59	Right housing insert	1
60	Strain relief 6P-4	2
61	Power cord	1
62	Overload protector base	1
63	Panel	2
64	Rotation plate	2
65	Side plate	2
66	Tool box	2
67	Work table	1
68	Switch	1
69	Variable speed knob	1
70	Potentiometer	1
71	Fixed bolt	1
72	Washer	1
73	Spring washer D10	1
74	Hex nut M8 left	1
75	DC Motor	1
76	Lock handle assy	1
77	Hex socket wrench S3	1
78	Ground plate	1
79	Phillips screw M4x10	1
80	Phillips screw M4x6	2

CONTINUED ON PAGE 18

PARTS LIST - #10-622VS

KEY	DESCRIPTION	QTY
81	Star washer D4	1
82	Phillips screw M4x40	1
83	Phillips screw M4x50	2
84	Lock hex nut M8	3
85	Lower supporting	1
86	Lower supporting direction plate	2
87	Lower supporting direction bracket	1
88	Left housing plate	1
89	Right housing plate	1
90	Tension bracket	1
91	Housing spacing board	1
92	Housing connecting board	1
93	Left switch box	1
94	Right switch box	1
95	Positioning screw M8x12	1
96	Hex screw M8x20	1
97	Blade tension knob	1
98	Blade lock knob	2
99	Drop foot lock knob	1
100	Hex socket screw M6x10	1
101	Hex socket screw M8x20	4

KEY	DESCRIPTION	QTY
102	Hex nut M8	4
103	Hex socket screw M6x16	4
104	Eccentric swinging rod	1
105	Needle bearing HK1412	2
106	Swing axle	1
107	Spring washer D8	1
108	Pull plate	4
109	Bearing bush 1	10
110	Bearing-628-2Z	2
111	Connection rod pressure plate	1
112	Eccentric rod	1
113	Eccentric wheel	1
114	Bearing pressure plate	1
115	Drop foot	1
116	Dust hood	1
117	Lock knob M5x18	1
118	Hex nut M5	4
119	Phillips screw M4x12	4
120	Hinge	1
121	Front panel	1

NOTES

WARRANTY

RIKON
POWER TOOLS®

5-Year Limited Warranty

RIKON Power Tools Inc. (“Seller”) warrants to only the original retail consumer/purchaser of our products that each product be free from defects in materials and workmanship for a period of five (5) years from the date the product was purchased at retail. This warranty may not be transferred.

This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, repairs, alterations, lack of maintenance or normal wear and tear. Under no circumstances will Seller be liable for incidental or consequential damages resulting from defective products. All other warranties, expressed or implied, whether of merchantability, fitness for purpose, or otherwise are expressly disclaimed by Seller. This five-year warranty does not cover products used for commercial, industrial or educational purposes. The warranty term for these claims will be limited to a two-year period.

This limited warranty does not apply to accessory items such as blades, drill bits, sanding discs, grinding wheels, belts, guide bearings and other related items.

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

To take advantage of this warranty, proof of purchase documentation must be provided which has the date of purchase and an explanation of the complaint.

The Seller reserves the right to effect at any time, without prior notice, those alterations to parts, fittings, and accessory equipment which they may deem necessary for any reason whatsoever.

To register your machine online, visit RIKON at www.rikontools.com/warranty

To take advantage of this warranty, or if you have any questions, please contact us at 877-884-5167 or email warranty@rikontools.com

#10-622VS

For more information:

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North Andover, MA 01845

877-884-5167 / 978-528-5380
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LINK TO
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WEBSITE