



4045 12" Professional Tablesaw

Owner's Manual



Oliver Machinery
Seattle, WA
info@olivermachinery.net

M-4045 04/2015
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Warranty

Oliver makes every effort possible to assure that its equipment meets the highest possible standards of quality and durability. All products sold by Oliver are warranted to the original customer to be free from defects for a period of 2 (two) years on all parts, excluding electronics and motors, which are warranted for 1 year. Oliver's obligation under this warranty shall be exclusively limited to repairing or replacing (at Oliver's option) products which are determined by Oliver to be defective upon delivery F.O.B. (return freight paid by customer) to Oliver, and on inspection by Oliver. This warranty does not apply to defects due, directly or indirectly, to misuse, abuse, negligence, accidents, unauthorized repairs, alterations, lack of maintenance, acts of nature, or items that would normally be consumed or require replacement due to normal wear. In no event shall Oliver be liable for death, personal or property injury, or damages arising from the use of its products.

Warning

Read this manual thoroughly before operating the machine. Oliver Machinery disclaims any liability for machines that have been altered or abused. Oliver Machinery 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.

For More Information

Oliver Machinery is always adding new Industrial Woodworking products to the line. For complete, up-to-date product information, check with your local Oliver Machinery distributor, or visit www.olivermachinery.net

The information contained in this publication has been prepared and obtained from original sources and data we believe to be reliable, but we make no representations as to its accuracy, timeliness or completeness. Products pictured may have slight differences during production and may have changed since the original publication of this material. While every effort has been made to ensure the accuracy of the information it is subject to change without notice.

WARNING

Read this manual completely and observe all warning labels on the machine. Oliver Machinery has made every attempt to provide a safe, reliable, easy-to-use piece of machinery. Safety, however, is ultimately the responsibility of the individual machine operator. As with any piece of machinery, the operator must exercise caution, patience, and common sense to safely run the machine. Before operating this product, become familiar with the safety rules in the following sections.

- **Always keep guards in place and in proper operating condition.**
 - **Use blade guard for every applicable operation including all through cuts. If guard is removed for special non-through cuts such as dado and rabbet cuts, replace before further use of the saw.**
 - **Keep hands out of line with the saw blade.**
 - **Use a push stick.**
 - **Do not perform any operation freehand.**
 - **Never reach around or over the saw blade.**
1. **If you are not properly trained** in the use of a tablesaw do not use until the proper training has been obtained.
 2. **Read, understand and follow** the safety instructions found in this manual. Know the limitations and hazards associated with this machine.
 3. **Electrical grounding:** Make certain that the machine frame is electrically grounded and that a ground lead is included in the incoming electrical service. In cases where a cord and plug are used, make certain that the grounding plug connects to a suitable ground. Follow the grounding procedure indicated in the National Electrical Code.
 4. **Eye safety:** Wear an approved safety shield, goggles, or glasses to protect eyes. Common eyeglasses are only impact-resistant, they are not safety glasses.
 5. **Personal protection:** Before operating the machine, remove tie, rings, watch and other jewelry and roll up sleeves above the elbows. Remove all loose outer clothing and confine long hair. Protective type footwear should be used. Where the noise exceeds the level of exposure allowed in Section 1910.95 of the OSHA Regulations, use hearing protective devices. Do not wear gloves.
 6. **Guards:** Keep the machine guards in place for every operation for which they can be used. If any guards are removed for maintenance, DO NOT OPERATE the machine until the guards are reinstalled.
 7. **Work area:** Keep the floor around the machine clean and free of scrap material, saw dust, oil and other liquids to minimize the danger of tripping or slipping. Be sure the table is free of all scrap, foreign material and tools before starting to use the machine. Make certain the work area is well lighted and that a proper exhaust system is used to minimize dust. Use anti-skid floor strips on the floor area where the operator normally stands and mark off machine work area. Provide adequate work space around the machine.
 8. **Material condition:** Do not attempt to saw boards with loose knots or with nails or other foreign material. Do not attempt to saw twisted, warped, bowed stock.
 9. **Operator position:** Maintain a balanced stance and keep your body under control at all times.
 10. **Before starting:** Before turning on machine, remove all extra equipment such as keys, wrenches, scraps, and cleaning rags away from the machine.

11. **Careless acts:** Give the work you are doing your undivided attention. Looking around, carrying on a conversation, and “horseplay” are careless acts that can result in serious injury.
12. **Disconnect all power sources:** Before performing any service, maintenance, adjustments or when changing blades. A machine under repair should be RED TAGGED to show it should not be used until the maintenance is complete.
13. **Job completion:** If the operator leaves the machine area for any reason, the tablesaw should be turned “off” and the blade should come to a complete stop before their departure. The key should be placed in the “off” position, removed and given to a supervisor to prevent any unauthorized use of the tablesaw.
14. **Replacement parts:** Use only genuine Oliver Machinery factory authorized replacement parts and accessories; otherwise the warranty and guarantee is null and void.
15. **Misuse:** Do not use this Oliver tablesaw for other than its intended use. If used for other purposes, Oliver disclaims any real or implied warranty and holds itself harmless for any injury or damage which may result from that use.
16. **Drugs, alcohol and medication:** Do not operate this machine while under the influence of drugs, alcohol, or any medication.
17. **This machine is designed** for cutting wood products only. Do not use to cut any kind of metal or substance other than wood.
18. **Never start the saw** while a work piece is in contact with the blade.
19. **Raise or lower the blade** only when the machine has been turned “off” and the blade has come to a complete stop.
20. **Miter Gauge and Rip Fence:** Never use the miter gauge and rip fence at the same time.
21. **Damaged Saw Blade:** Never use a damaged saw blade or one that has been dropped. Check the saw blade for cracks or missing teeth. Do not use a cracked or dull blade or one with missing teeth. Make sure the blade is securely locked on the arbor.
22. **Make sure** the blade is running in the proper direction. Refer to the arrow on the blade. The teeth should be pointing down when viewing from the front of the saw.
23. **Alignment:** Check the alignment of the splitter to the blade. Also, check the alignment of the fence to the miter slot.
24. **Health hazards:** Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
 - Lead from lead-based paint.
 - Crystalline silica from bricks and 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, and work with approved safety equipment, such as those dust masks that are specifically designed to filter out microscopic particles.

Familiarize yourself with the following safety notices used in this manual:

CAUTION: (This means that if precautions are not heeded, it may result in minor or moderate injury and/or possible machine damage)

WARNING: (This means that if precautions are not heeded, it could result in serious injury or possibly even death).

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Specifications

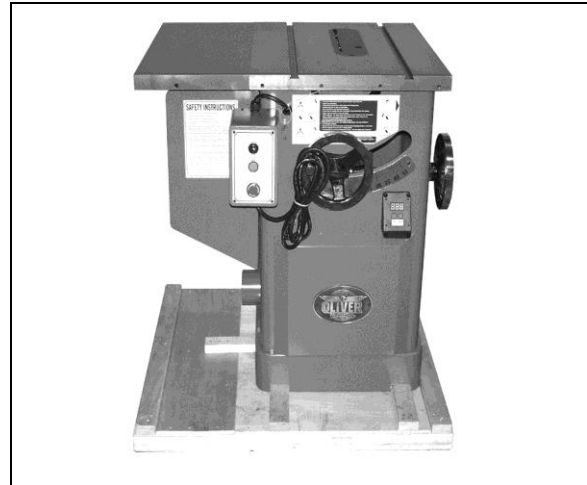
Model Number.....	4045
Blade Diameter (In)	12
Arbor Diameter (In)	5/8" (1" Optional)
Maximum Depth of Cut at 90 Degrees (In)	4"
Maximum Depth of Cut at 45 Degrees (In)	2-2/3"
Maximum Cut to the Right of Blade	36"
Maximum Cut to the Left of Blade	12"
Dust Port Diameter (In)	4
Table Dimensions w/Extensions (LxW)	30-3/4" x 48-1/2"
Table Height (In)	36"
Blade Tilt	Left
Arbor Speed RPM	3,450
Gross Weight	803

Oliver 4045, 12" Tablesaw

Contents of the Shipping Containers

Saw

Once the top is removed the saw will be as shown with the left extension wing already attached. Inspect for freight damage and call the freight carrier if any.



Saw

Contents

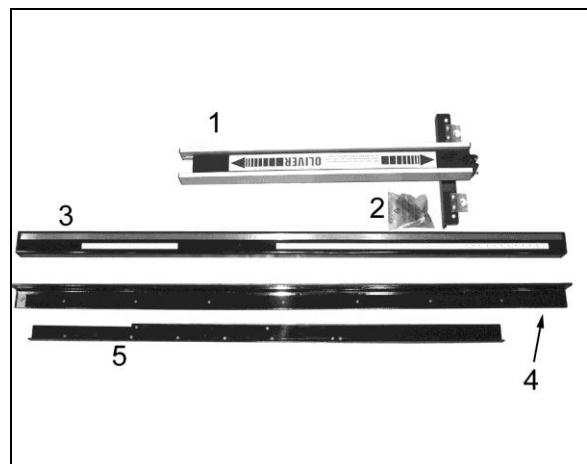
1. Blade guard
3. Arbor wrenches
4. Wheel handle
5. Accessory holders
6. Tools
7. Hardware packet, 5/8"
8. Extension wing hardware
9. Miter gage
10. Extension wing



Contents

Fence and Rail Assembly

1. Fence
2. Lock handle
3. Front guide
4. Front guide support bracket
5. Rear guide



Fence and Rail Assembly

Machine Preparation and Setup

WARNING!

The equipment used to lift this machine must have a rated capacity at, or above the weight of the tablesaw. Failure to comply may cause serious injury!

The tablesaw must be positioned on a smooth, level surface. The area must be well lit and have plenty of room to maneuver with large pieces of wood.

Level the saw front to back and side to side using a level placed on the table. Use shims under the corners, if necessary, but make sure the saw is stable before being placed into service.

Clean all rust protected surfaces with a commercial solvent. Do not use acetone, gasoline, lacquer thinner or any type of flammable solvent, or a cleaner that may damage paint. Cover cleaned surfaces with WD-40 or a 20W machine oil.

Pay particular attention to cleaning in the miter slot and the faces of table and extension wing.

Extension Wing Assembly

1. Attach extension wing (A, Figure 1) to table with four hex head bolts, and four lock washers (B, Figure 1). Snug but do not tighten. **Note:** Start with one of the center holes (C, Figure 1) to hold the wing in place.
2. Slide extension wing toward the front edge of the saw table until two edges are flush.
3. Using a straight edge (D, Figure. 2), align extension wing to saw table and tighten hex cap bolts. Repeat for opposite wing.

Handwheel Assembly

1. Place handwheel (F, Figure 3) onto the saw shaft. Use an allen key to lock the wheel onto the shaft with the set screw (G, Figure 3). Insert and screw the locking handle (H, Figure 3) and the wheel handle (I, Figure 3) into their respective holes. Repeat for other.

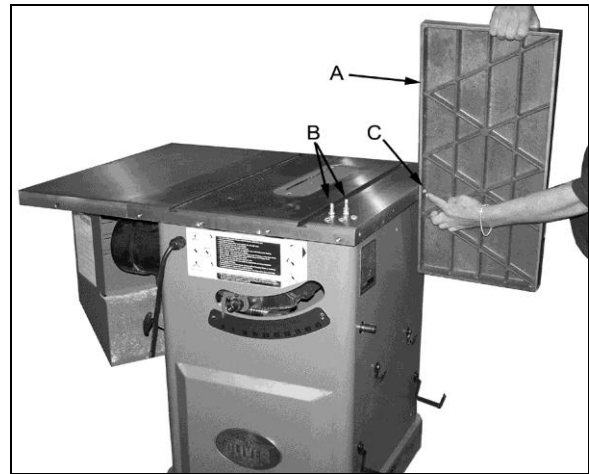


Figure 1

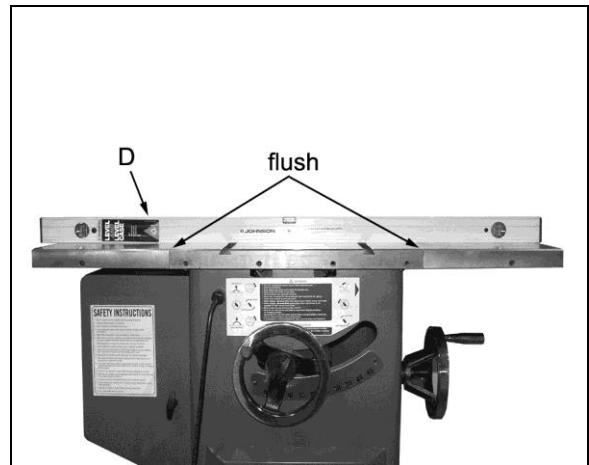


Figure 2

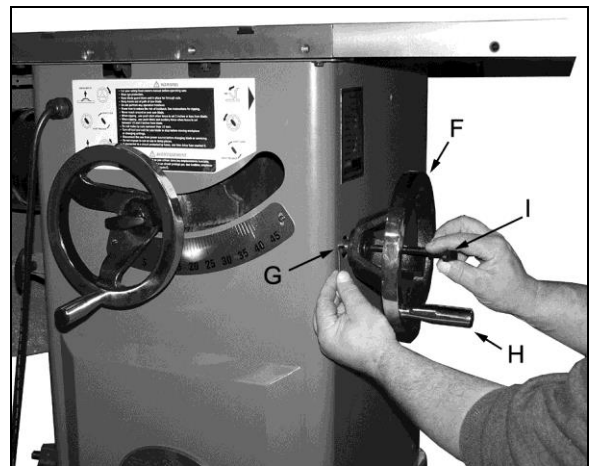


Figure 3

Rail Assembly

1. Rest the front guide support bracket on the switch box as shown in Figure 4 and secure into place using the chamfered bolts, nuts and washers provided in hardware packet 7. Note that the two outside holes require a nut and washer as well as a bolt while the four inside holes require the bolts only.



Figure 4

2. Set the front guide on the support bracket as shown in Figure 5 and secure into place with the short bolts provided in hardware packet 7.

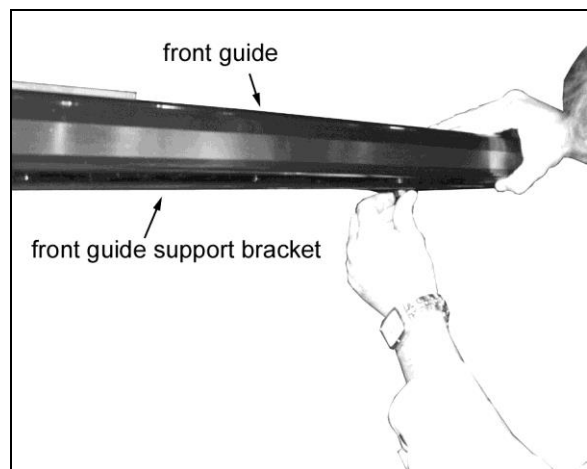


Figure 5

3. Install the rear guide as shown in Figure 6 using the supplied hardware. Note that the two outside holes require a nut and washer as well as a bolt while the four inside holes require the bolts and washers only.

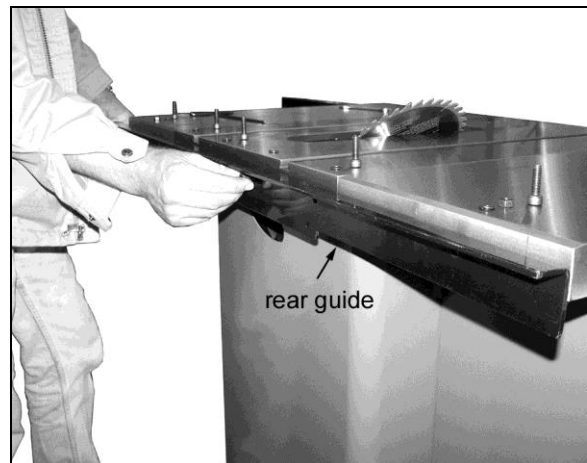


Figure 6

Fence Assembly and Adjustment

1. Place the fence on the guides as shown in Figure 7. Look for the rubber nib on the underside of the fence as shown and make sure it lines up with the back support rail.
2. Align the fence with the miter gauge slot as shown in Figure 7 and check to see if the fence is parallel to the slot.
3. If the fence is not parallel to the miter gauge slot, lift the fence off the guides and place it on the table as shown in Figure 8. Turn the appropriate screw, A to compensate for the difference. Place the fence back on the guides and check again for alignment to the miter gauge. If it is still mis-aligned, repeat the procedure.

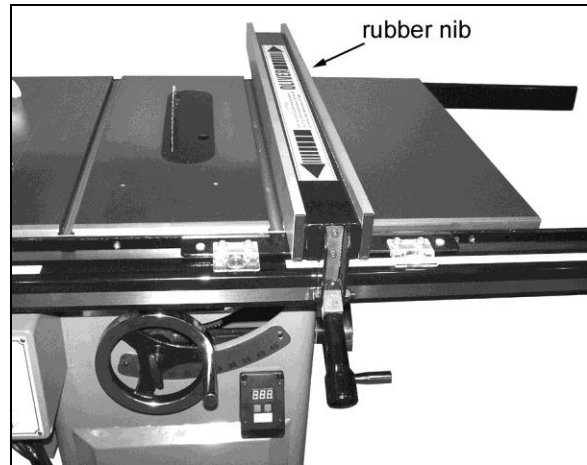


Figure 7

Adjusting the Scale Reader

1. Raise the blade to its maximum height.
2. Place the fence on the guides on the right side of blade and then slide the fence toward the blade. Continue until the fence just touches the saw teeth. Do not push too hard or the blade will deflect.
3. Looking at the right side scale reader, the red pointer should match up with the zero mark. If not, loosen the two screws, B, Figure 9 and slide the viewer to align the mark with zero. Tighten the screws.
4. Move the fence to the left side of the blade and repeat the procedure for the left side viewer.

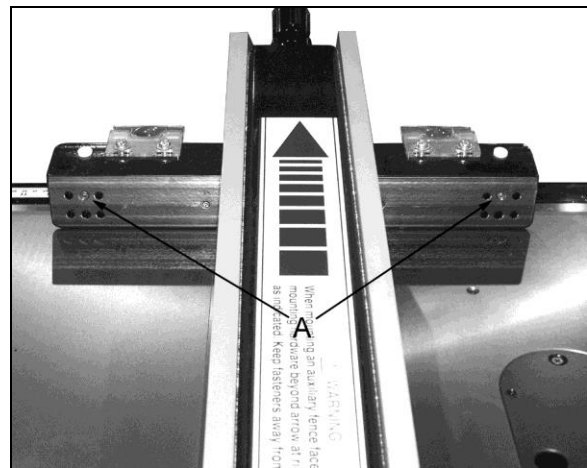


Figure 8

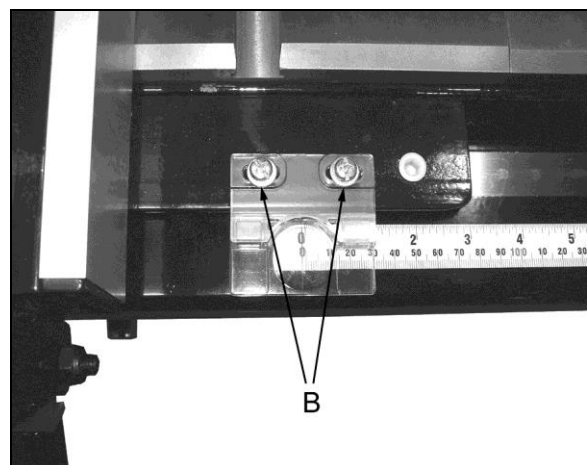


Figure 9

Calibrating the Digital Angle Readout

1. Place a square on the table as shown in Figure 11 then turn the saw tilt wheel until the blade comes to 90 degree.
2. Push and hold the 0° set button as shown in Figure 14 until the display stops blinking. The 0° is now set.
3. Tilt the blade to 45 degrees as shown in Figure 12. Push and hold the 45° set button as shown in Figure 15 until the display stops blinking. At this point the angle display is calibrated.

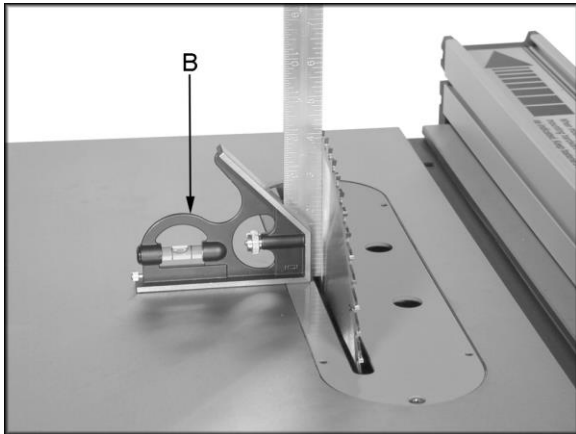


Figure 11

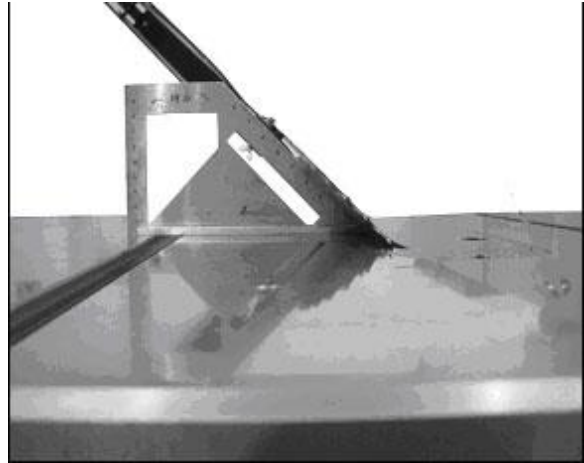


Figure 12



Figure 14



Figure 15

Leveling Table Insert

Adjust the table insert flush with the table by turning the four leveling screws (C, Figure 16). Place a straight edge across the table and insert. Raise the insert until it just touches the straight edge. Check both the front and rear section of the insert.

Splitter and Blade Guard Assembly

The table saw comes equipped with both a riving knife and blade guard (see Figure 17). It is always recommended to use the blade guard whenever possible. However, when doing narrow cuts when the guard would interfere with the fence or any other cuts in which the blade guard would pose a problem, replace the guard with the riving knife. Installation is the same for both. For ease of installation, the blade guard can be disassembled by loosening the lock knob and separating the splitter from the guard as shown in Figure 18. It may be necessary to loosen the two screws as indicated in the picture.

1. **Disconnect saw from power source.**
2. Remove table insert by loosening the screw at the front of insert.
3. Loosen the lock nut then insert the fork of the riving knife between the nut head and backing plate as shown in Figure 19. Lock into place.
4. Re-install the table insert.

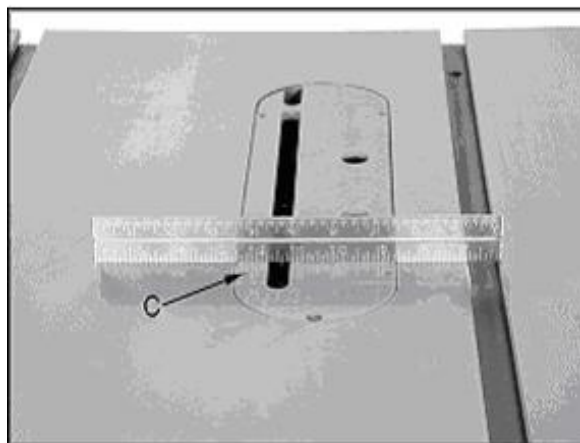


Figure 16

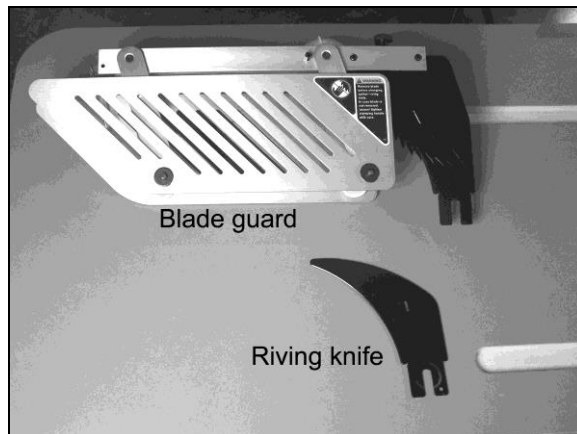


Figure 17

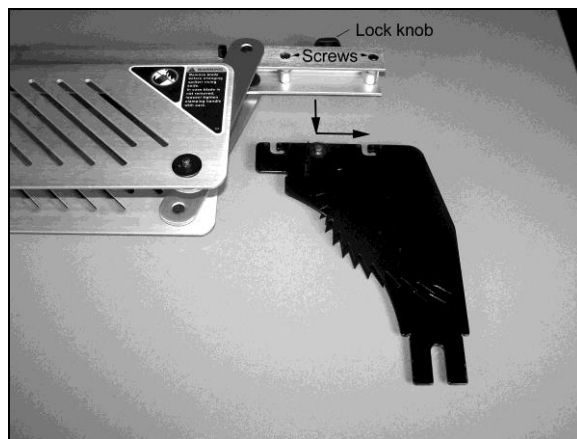


Figure 18

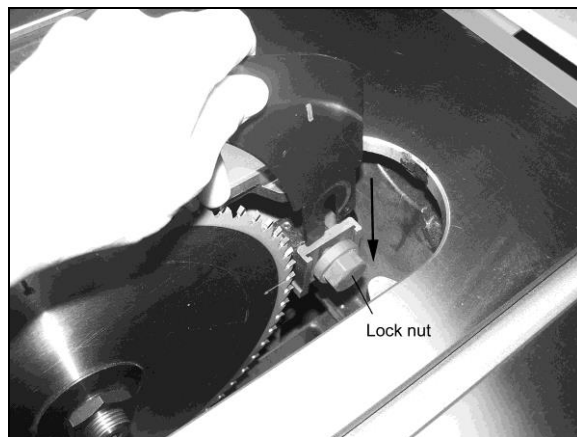


Figure 19

Miter Gauge

1. Slide the miter gauge bar into the miter gauge slot in table. Loosen the handle (A, Figure 23) and pull out indexing rod (B, Figure 23) to pivot the miter gauge body.
2. Push the indexing rod in to engage the preset stops (C, Figure 23).
3. Adjust stops by loosening the hex nut (D, Figure 23) and adjusting screw (E, Figure 23).

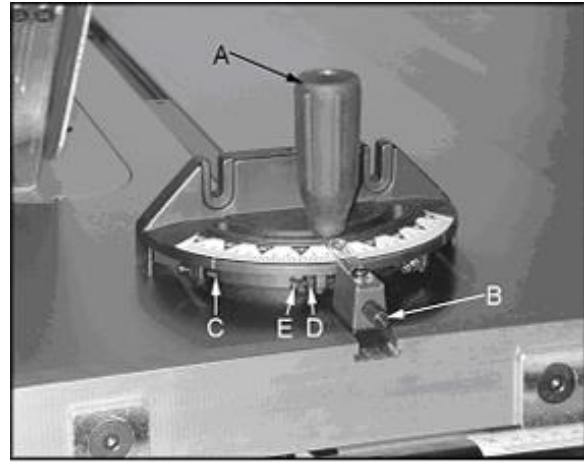


Figure 23

Note: Always make test cuts. The scale is for reference. There are two holes in the miter gauge fence used to attach a wooden fence.

Controls (see Figures 24 & 25)

- A. Emergency Stop Button:** Stops all functions of machine.
- B. Start:** Starts saw blade rotation. Will not work if the “Emergency Stop” switch is engaged, or the key is in the “OFF” position.
- C. Handwheel Lock:** There is a handwheel lock on both handwheels. Loosen lock to turn handwheel and tighten when blade is in desired location.
- D. Raising and Lowering Hand wheel:** Loosen hand wheel lock. Turn handle clockwise to raise the blade. The blade should be 1/8”-1/4” above the top of work piece, or 3-5 blade teeth above the top of work piece.
- E. Tilting Hand wheel:** Loosen hand wheel lock. Turn handle counter-clockwise to tilt blade to the left.



Figure 24

Dust Collection

There is a 4” dust port (G, Figure 25) located on the side of saw cabinet. Make sure dust collection system has sufficient capacity and suction for your tablesaw. Always turn on dust collection system before starting the tablesaw.

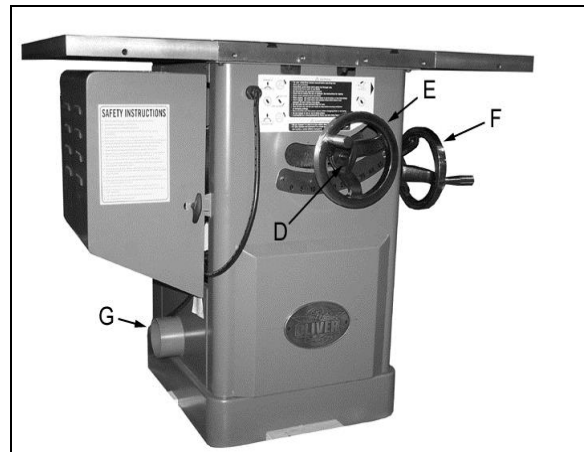


Figure 25

Electrical Connections

WARNING!

Electrical connections and wiring must be done by a qualified electrician. The machine must be properly grounded. Failure to comply may cause serious injury!

This saw is available in both 1-Phase and 3-Phase versions.

- **Electrical Connections for a 3-Phase Unit**

This saw is 3-Phase, 220V/440V **pre-wired 220V**. If you need to switch the tablesaw from 220V to 440V have a qualified electrician make the changes. Oliver Machinery recommends using a dedicated circuit.

Make sure the voltage of your power supply matches the specifications on the motor plate of the machine.

With 3-Phase power verify the blade is turning in the proper direction. Turn the saw on and make sure the direction of the blade spins toward the user when standing in front of the saw. If it does not, disconnect the power source and reverse any two power leads.

- **Electrical Connections for a 1-Phase Unit**

This saw is 1-Phase, 220V only. Oliver Machinery recommends using a dedicated circuit.

Make sure the voltage of your power supply matches the specifications on the motor plate of the machine.

Replacing the Blade

The blade guard has been removed for photos, but it is possible to change the blade without removing the blade guard.

1. **Disconnect saw from power source.**
2. Remove the table insert and raise the blade completely.
3. Use the two provided arbor wrenches to loosen the arbor nut, as shown in Figure 25. Place one wrench on the arbor nut and one on the flats located on the arbor. Remove the nut, flange and blade.

4. Replace the blade followed by the flange and arbor nut. Tighten the arbor nut while holding the arbor in place.

Note: Make sure the blade and arbor are clean before installing a new blade. The blade teeth should point down when viewing from the front of saw.

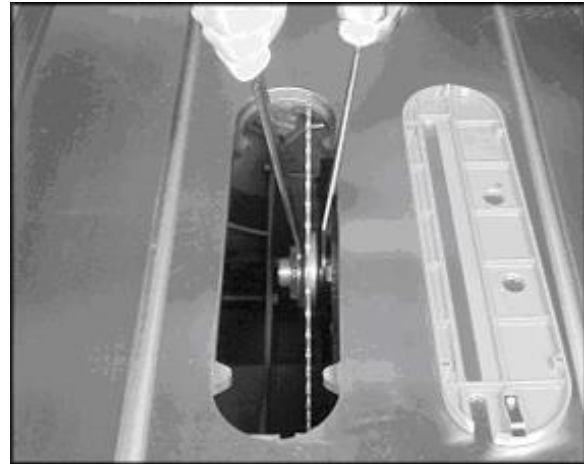


Figure 25

Maintenance

WARNING!

Disconnect the machine from power source before proceeding with any maintenance, or troubleshooting! Failure to comply may cause serious injury!

Periodically clean the inside of the machine for dust control. Use an air hose to blow out dust from motor fan and motor cover.

Use a wire brush to clean trunnions and worm gears. Apply white lithium grease or powdered graphite to lubricate worm gears, and trunnions.

Keep pulleys and belts free from dirt, dust, oil and grease.

Replace worn v-belts as needed.

Remove rust from the tabletop with WD-40 and a Scotch-Brite™ Hand Pad. Keep a light coat of WD-40 on the table top when not in use

Accessory Holders

See Figure 27 for the correct placement of the accessory holders.

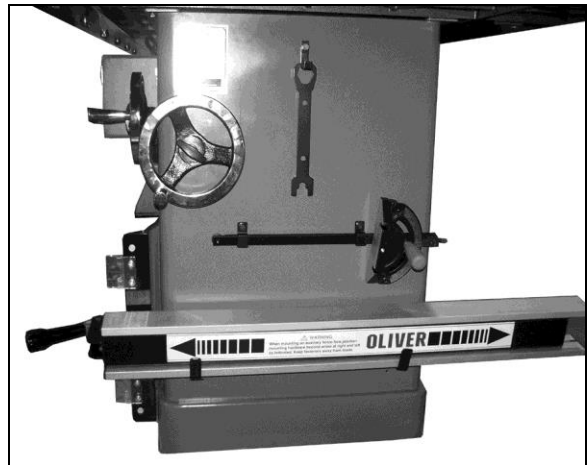


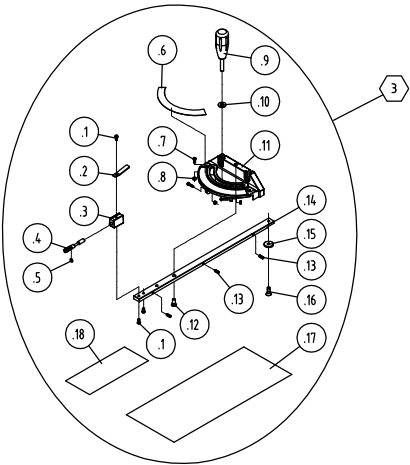
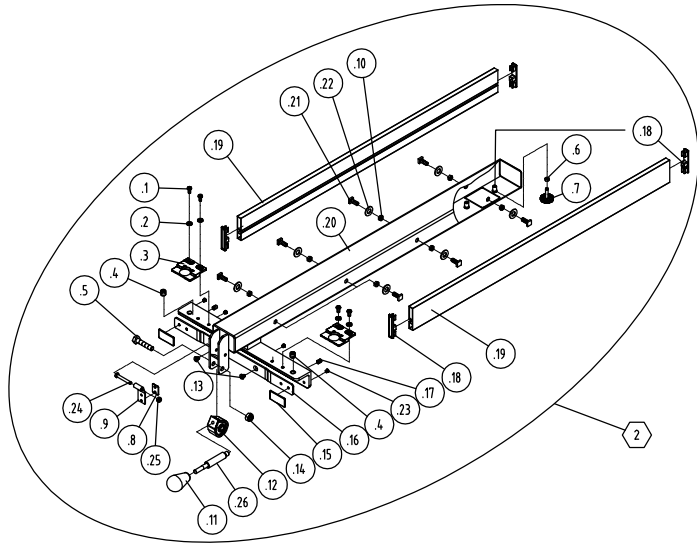
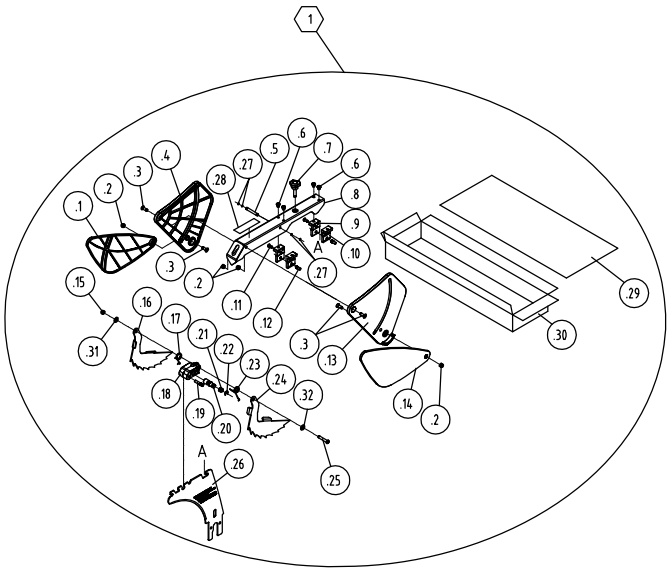
Figure 27

Troubleshooting

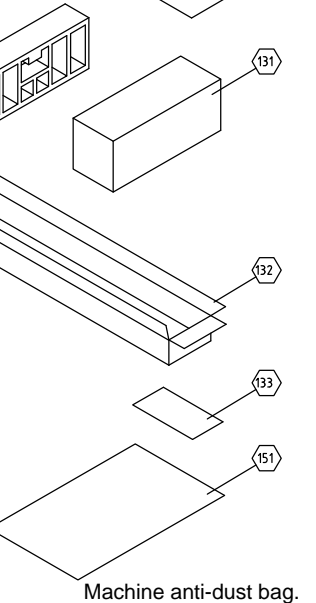
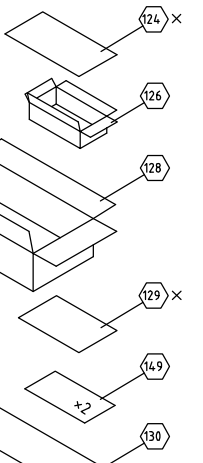
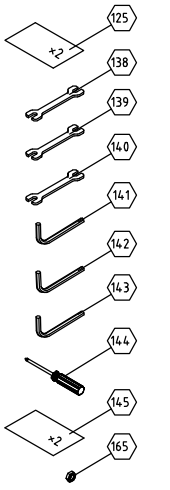
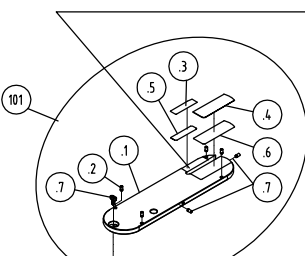
Description of Symptoms	Possible Cause	Corrective Action
Machine will not start	<ol style="list-style-type: none"> 1. Fuse blown or circuit breaker tripped 2. Cord Damaged 3. Faulty switch 4. Not connected to power source 5. Connected to wrong voltage 6. Key in the "OFF" position 7. Emergency stop button pressed 	<ol style="list-style-type: none"> 1. Replace fuse or reset circuit breaker 2. Have cord replaced 3. Replace switch 4. Check connection 5. Check voltage 6. Insert key and turn to "ON" position 7. Rotate emergency stop button clockwise until it pops out
Blade does not come up to speed	<ol style="list-style-type: none"> 1. Cable too light or too long 2. Low current 3. Motor not wired for correct voltage 	<ol style="list-style-type: none"> 1. Replace with adequate size cable 2. Contact local electric company 3. Refer to motor nameplate for correct voltage
Does not make accurate 45° or 90° cuts	<ol style="list-style-type: none"> 1. Stops not adjusted correctly 2. Angle pointer not set accurately 3. Miter gauge out of adjustment 	<ol style="list-style-type: none"> 1. Check blade with combination square and adjust stops 2. Check blade with combination square and adjust pointer 3. Adjust miter gauge
Saw makes unsatisfactory cuts	<ol style="list-style-type: none"> 1. Dull blade 2. Blade mounted backwards 3. Gum or pitch on blade 4. Incorrect blade for cut 	<ol style="list-style-type: none"> 1. Sharpen or replace blade 2. Turn blade around 3. Remove blade and clean 4. Change blade to correct type
Material binds blade when ripping	<ol style="list-style-type: none"> 1. Fence not aligned with blade 2. Warped wood 3. Excessive feed rate 4. Splitter not aligned with blade 	<ol style="list-style-type: none"> 1. Check and adjust fence 2. Select another piece of wood 3. Reduce feed rate 4. Align splitter with blade

Saw vibrates excessively	<ol style="list-style-type: none"> 1. Stand on uneven floor 2. Damaged saw blade 3. Bad V-belts 4. Bent pulley 5. Improper motor mounting 6. Loose hardware 	<ol style="list-style-type: none"> 1. Reposition on flat, level surface 2. Replace saw blade 3. Replace V-belts 4. Replace pulley 5. Check and adjust motor 6. Tighten hardware
Material kicked back from blade	<ol style="list-style-type: none"> 1. Rip fence out of alignment 2. Splitter not aligned with blade 3. Feeding stock without rip fence 4. Splitter not in place 5. Dull blade 6. Letting go of material before it is past blade 7. Anti-kick back paws dull 	<ol style="list-style-type: none"> 1. Align rip fence with miter slot 2. Align splitter with blade 3. Install and use rip fence 4. Install and use splitter (with guard) 5. Replace blade 6. Push material all the way past blade before releasing work 7. Replace or sharpen anti-kick back paws
Blade does not raise or tilt freely	Sawdust and debris in raising and tilting mechanisms	Clean and regrease

○ — Assembled with machine.
 ◻ — Not assembled with machine.



Clean and remove grease from plates before applying to blade inserts.
 Apply 3M-94 primer glue to the pads 2 hours prior to sticking to the blade inserts.

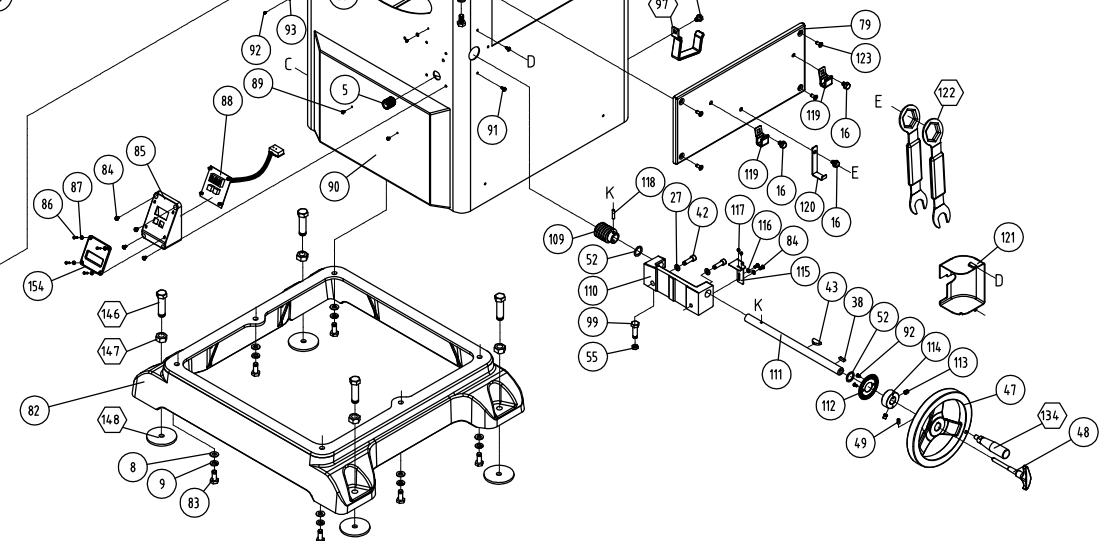
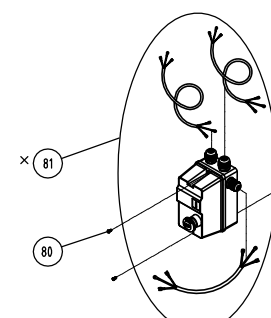
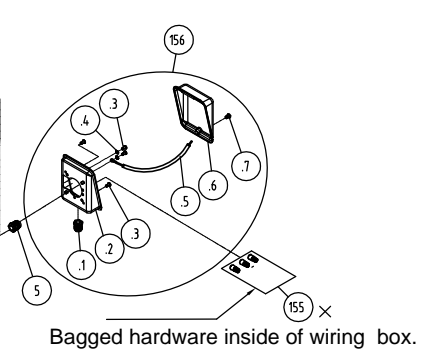
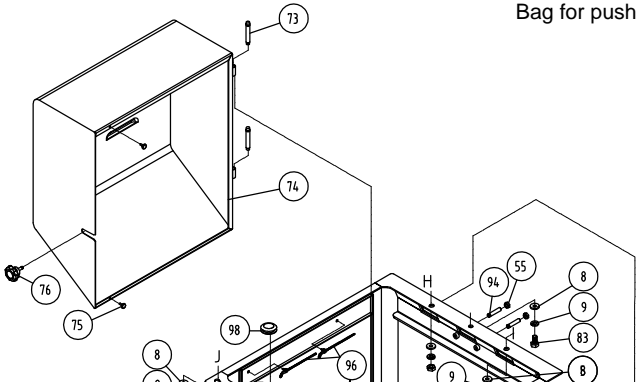
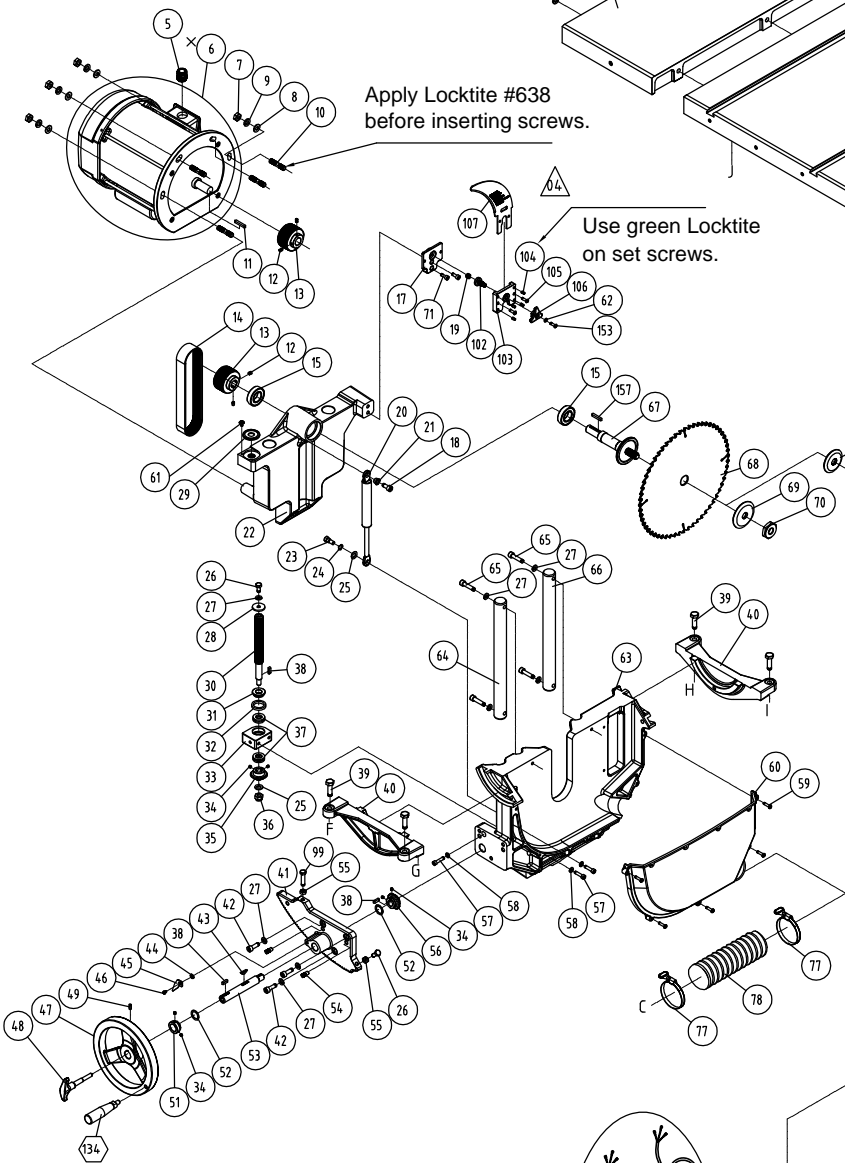


Apply Locktite #638 before inserting screws.

Use green Locktite on set screws.

Bag for push blocks.

Machine anti-dust bag.



4045 Parts List

Index	Part Number	Description	Specification	Qty	Old P/N	Notes
1	923050-000	Spreader Ass'y	TJ07.08	1	922760-000	1001288
.1	250821-620	Left Guard Board		1		
.2	008302-200	Lock Screw	M5*0.8P(8B*6H)	4		
.3	000402-207	Flat Head Screw	M5*0.8P*15	4		
.4	250824-620	Left Guard		1		
.5	360962-901	Pin		1		
.6	000303-101	Round Head Phil Screw	M5*0.8P*6	4	HA040602	
.7	230336-615	Bolt		1		
.8	171452-904	Bolt Block		1		
.9	130270-903	Bracket		2		
.10	130271-903	Bracket		2		
.11	000302-103	Round Head Phil Screw	M4*0.7P*10	2	HA040404	
.12	360960-901	Pin		2		
.13	250823-620	Right Guard Board		1		
.14	250819-620	Right Guard		1		
.15	008302-100	Lock Nut	M5*0.8P(8B*6H)	1		1001288
.16	171454-904	Right Anti-Kick Pawl		1		
.17	280162-901	Spring (Right)		1	TH250049	
.18	090149-910	Anti-Kick Pawl Bracket		1	TH250046	
.19	360864-000	Pin		1	TH250051	
.20	360865-901	Spreader Shaft		1	TH250047	
.21	280160-901	Spring		1	TH250048	
.22	010204-000	E-Ring	ETW-7	1	HF031600	
.23	280163-901	Spring (Left)		1	TH250050	
.24	171573-904	Anti-Kick Pawl (Right)		1		
.25	000303-110	Round Head Phil Screw	M5*0.8P*30	1		1001288
.26	171438-904	Spreader		1		
.27	043323-000	O-RING (P Type)	P3	4		
.28	573543-000	Warning Label		1		
.29	041303-015	Plastic Bag	530*330(Open)*0.05t	1	HR026600	
.30	520001-605	Spreader Box	480*70*216mm	1		
.31	006001-012	Flat Washer	5.3*12*1.0t	2		1001288
2	921557-000	Fence Assembly		1	RTJ0302	
.1	000304-203	Round Head Phil Screw	M6*1.0P*12	4	HS040705	
.2	006002-023	Flat Washer	6.3*13*2.0t	4	HY110100	
.3	250470-620	Indicator		2	TH120705	
.4	250472-621	Plastic Set Screw	M12*1.75P	2	TH120703	
.5	000004-306	Hex. Screw	M10*1.5P*50	1	HA010628	
.6	008005-100	Hex. Nut	M6*1.0P(10B*5H)	1	HC010600	
.7	250587-615	Sliding Knob		1		
.8	250602-621	Plate		1		
.9	171993-904	Bracket		1		
.10	008006-100	Hex. Nut	M8*1.25P(13B*6.5H)	8	HC010800	
.11	230282-615	Knob		1	TJ030049	

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Index	Part Number	Description	Specification	Qty	Old P/N	Notes
.12	922141-000	Cam Assembly		1		
	130235-903	Cam		1		
	660002-000	Magnet		2	PH010602	
.13	002103-103	Flat Head Screw	M6*1.0P*8	2		
.14	008308-100	Lock Nut	M10*1.5P(17B*12H)	1	HC041000	
.15	250471-621	Plate		2	TH120702	
.16	171372-904	Plate Positioning Bracket	電著(黒)	1	TH120704	
.17	001903-105	SET Lock Screw	M8*1.25P*8	2	HA320503	
.18	250483-615	Cap		4	RTH160203	
.19	310083-909	Side Board		2	RTH160202	
.20	171423-308	Fence Body		1	RTH160201	
.21	048701-101	Square Head Screw	M8*1.25P*20	8	TH050023	
.22	006001-049	Flat Washer	8.5*16*2.0t	8	HE013600	
.23	250672-615	Packing		4		1304189
.24	000002-308	Hex. Screw	M6*1.0P*45	1		
.25	008304-100	Lock Nut	M6*1.0P(10B*7H)	1	HC040600	
.26	380883-904	Knob Shaft		1	TJ030048	
3	921782-000	Miter Gauge Assembly		1	RTJ0405	
.1	003303-105	Round Head Phil Screw	3/16"-24NC*3/8"	3	HB040905	
.2	250193-620	Indicator		1	TH010304	
.3	130053-903	Block		1	TH010305	1401441
.4	360381-901	Shaft		1	TH120606	
.5	043311-000	O-RING (P Type)	P5	1	HM080300	
.6	571151-000	Scale		1	TH010303	
.7	003305-106	Round Head Phil Screw	5/32"-32NC*5/8"	3	HB040807	
.8	009001-100	Hex. Nut	5/32"-32NC(8B*3.8H)	3	HD010200	
.9	250146-000	Handle		1	TH030301	
.10	006002-051	Flat Washer	8.5*18*3t	1	HY013700	
.11	090067-008	Miter Gauge		1	TH010302	
.12	290017-901	Screw		1	TH010308	
.13	230222-901	Round Ball Set Screw		3	TH120602	1201437
.14	380614-904	Bar		1	RTJ030041	
.15	380069-901	Guide Packing		1	TH030303	
.16	000403-105	Flat Head Screw	M6*1.0P*6	1	HA050402	
.17	041303-019	Plastic Bag	700*280(Open)*0.05t	1	HR025600	
.18	041102-003	Plastic Bag	165*80(Open)*0.05t	1	HR020400	
*4	TJ08-83	Extension Wing			TJ2V	
5	021306-000	Strain Relief	PGA16-14B(with a Nut)	3	HP042600	1001097
*6	TJ08-01	Motor			TJ0A	
7	008007-100	Hex. Nut	M10*1.5P(17B*8H)	8	HC011000	
8	006001-069	Flat Washer	10*20*3.0t	17	HA040705	
9	006307-100	Spring Washer	10.2*18.5	20	HE021300	
10	360761-901	Bolt		4	RTJ030021	
11	012003-013	Key	5*5*40	1	HH010423	

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Index	Part Number	Description	Specification	Qty	Old P/N	Notes
12	001902-102	SET Lock Screw	M6*1.0P*8	4	HA320403	
13	380882-902	Pulley		2	TJ070007	
14	014333-000	Belt	220-J12	1		
15	030201-002	Ball Bearing	6005	2		1101335
16	049201-102	Hex. Screw w/Flat Washer	M8*1.25P*12/(13B*6.5H)	3		
17	130268-903	Bracket		1		0901317
18	000104-106	CAP Screw	M8*1.25P*20	1	HA020510	1201340
19	280186-901	Spring		1		0901317
20	660147-000	Cylinder		1	TJ070016	
21	160076-000	Bushing		1	TH270020	
22	050949-000	Up/Down Bracket		1	TJ070003	
23	290033-901	Screw		1	PK010039	
24	006703-100	Washer	WW-10	1	HE070500	
25	006001-077	Flat Washer	10.5*19*1.0t	2	HE015900	
26	000003-104	Hex. Screw	M8*1.25P*20	2	HA010510	
27	006305-100	Spring Washer	8.2*15.4	10	HE021100	
28	006001-040	Flat Washer	8*30*3.0t	1	HE018300	
29	660160-000	Brush		1	TJ070022	
30	360875-901	Up/Down Worm Shaft		1	TJ070011	
31	160073-000	Bushing		1	TH250062	
32	660144-000	Anti Dust Ring		1	TH270010	
33	130237-903	Bracket		1	TH270029	
34	001901-101	Set Lock Screw	M5*0.8P*5	6	HA320301	
35	380767-000	Bevel Gear	Left Thread	1	130131-000	
36	008307-100	Lock Nut	M10*1.25P(17B*12H)	1	HC040900	
37	031005-001	Thrust Bearing	51102	2		1101335
38	012003-006	Key	5*5*18	4	HH010410	1501032
39	000004-104	Hex. Screw	M10*1.5P*35	7	HA010619	
40	050561-000	Bracket (Rear)		2	TJ020002	
41	050950-000	Bracket		1	TJ070010	
42	000104-108	CAP Screw	M8*1.25P*25	5	HA020515	
43	130061-000	Key		2	TJ010041	
44	006503-100	Washer w/Teeth	6.4*11(BW-6)	1	HE040900	
45	171697-156	Indicator		1	TJ020014	
46	000304-103	Round Head Phil Screw	M6*1.0P*12	1	HA040705	
47	240049-000	Hand Wheel		2	TH120065	
48	920662-000	Lock Bolt Assembly		2	TJ0103	
	360036-000	Lock Bolt Assembly		1	TJ010301	
	250433-615	Lock Handle		1	TJ010302	
49	001902-105	SET Lock Screw	M6*1.0P*12	2		
50		Push Stick				
51	130228-903	Ring		1		
52	006006-106	Flat Washer	19.1*25.4*1.6	4	TH120081	
53	360874-901	Up/Down Shaft		1	TJ070013	

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Index	Part Number	Description	Specification	Qty	Old P/N	Notes
54	360355-901	Pin		2	PJ010044	
55	008006-100	Hex. Nut	M8*1.25P(13B*6.5H)	7	HC010800	
56	380768-000	Bevel Gear	Right Thread	1	130131-000	
57	000103-108	CAP Screw	M6*1.0P*25	3	HA020413	
58	006303-100	Spring Washer	6.1*12.3	3	HE020900	
59	000303-207	Round Head Phil Screw	M5*0.8P*20	5	HS040610	
60	250711-615	Side Cover		1	TJ070002	
61	001602-101	Round Head w/Flat Washer	M5*0.8P*10/5*12*0.8t	1	HA260400	
62	006302-100	Spring Washer	5.1*9.3	1	HE020800	0901317
63	050629-000	Trunnion		1	TJ070001	
64	360872-000	Column		1	TJ070005	
65	000104-112	CAP Screw	M8*1.25P*40	4	HA020522	
66	360873-000	Column		1	TJ070006	
67	381011-901	5/8" Arbor		1		1001101
68	390011-000	Blade		1	TJ010063	
69	381012-901	5/8" Blade Adapter Washer	For 1" Arbor Blade Adaption	1		1001101
70	380052-901	5/8" Blade Adapter Nut		1	TJ010075	1001101
71	000104-104	CAP Screw	M8*1.25P*16	2	HA020508	1201340
72	000103-114	CAP Screw	M6*1.0P*60	1	HA020434	
73	230196-908	Bolt		2	RTJ030029	
74	172026-000	Shield		1	RTJ030019	
75	340007-615	Packing		2	PG010046	
76	230131-000	Bolt		1	SS011277	
77	042608-000	Clamp	Ø60-80mm(inner diameter)	2		
78	042601-000	Hose	2.5"(inner diameter)*1000mm	1		
79	172266-000	Cover Plate (Right)		1		
80	003303-101	Round Head Phil Screw	3/16"-24NC*1/2"	2	HB040906	
*81	TJ08-02	Switch Box Assembly			TJOB	
82	050822-000	Cast Iron Damping Base		1	RTJ040004	
83	000004-102	Hex. Screw	M10*1.5P*25	9	HA010613	
84	000303-202	Round Head Phil Screw	M5*0.8P*8	6		
85	250547-615	Sensor Box		1		
86	000301-202	Round Head Phil Screw	M3*0.5P*12	4		1001097
87	006002-139	Flat Washer	3*8*1.0t	4		
88	950295-000	Sensor Assembly	220~460V(wire length 450mm)	1	490421-000	
89	000401-104	Flat Head Screw	M4*0.7P*10	2	HA050204	
90	172596-000	Machine Body		1	TJ080001	
91	001102-604	Round Head Self Tapping Screw	M4*1.59P*12	2	HS180305	
92	000302-101	Round Head Phil Screw	M4*0.7P*6	4	HA040402	
93	006001-001	Flat Washer	4.3*10*1.0t	2	HE010600	
94	001903-107	SET Lock Screw	M8*1.25P*50	4	HA030528	
95	021806-000	Ring	SB-38	1	HP200600	1001097
96	230297-615	Chain		4	TH100081	
98	021507-000			1		

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Index	Part Number	Description	Specification	Qty	Old P/N	Notes
99	000003-107	Hex. Screw	M8*1.25P*35	2	HA010519	
100	050785-008	Extension Wing		1	RTJ030040	
101	922772-000	Blade Insert Assembly	TJ07.08	1		0901317
.1	250827-615	Blade Insert		1		
.2	250822-616	Bolt		1		
.3	270062-902	Plate (Left)		1		
.4	270063-902	Plate (Right)		1		
.5	420016-000	Tape (Left)	3M 468MP(19mm)	1		
.6	420017-000	Tape (Right)	3M 468MP(35mm)	1		
.7	001902-105	SET Lock Screw	M6*1.0P*12	6		
102	380988-901	Lock Bolt		1		0901317
103	130269-903	Bracket		1		0901317
104	001902-110	SET Lock Screw	M6*1.0P*8	4		1001044
105	000804-106	Round Head Hex Screw	M5*0.8P*16	2	HA090308	0901317
106	090244-920	Knob		1		0901317
107	171576-904	Riving Knife		1		0901317
108	050784-008	Table		1	RTJ030039	
109	320381-901	Worm Shaft		1	TJ020011	0918014
110	050582-008	Bracket		1	OE320003	
111	360807-901	Shaft		1		
112	172110-000	Plate		1	TH240005	
113	001903-104	SET Lock Screw	M8*1.25P*10	2	HA320504	
114	130031-000	Ring		1	RTJ030047	
115	170262-000	L Shape Plate		1		
116	006001-009	Flat Washer	5.2*10*1.0t	2	HE011100	
117	001101-205	Round Head Self Tapping Screw	M3*1.06P*6	2		
118	011003-115	Pin	5*45	1	HG011016	
119	170542-904	Hook Rack		2	TH020025	
120	170965-904	Rack		1	TJ010090	
121	250632-615	Cover		1	RTJ030046	
122	172033-904	Wrench		2	RTJ030037	
123	000403-104	Flat Head Screw	M6*1.0P*20	4	HA050410	
*124	TJ08-14	Manual			TJ0N	
126	520001-553	Hardware Box	480*120*60mm	1		0901317
128	520001-555	Box	495*200*235mm	1		0901317
*129	TJ08-10	Machine Tag			TJ1A	
130	041305-029	Plastic Bag	1290*620(open)*0.1t	1		1319001
131	948061-000	Styrofoam for Rail Assembly		1		
	500056-100	Styrofoam for Front Rail		1		
	500056-200	Styrofoam for Rear Rail		1		
132	520009-023	Box for Rails	1120*460*210mm	1		
133	041102-010	Plastic Bag	480*80(open)*0.05t	1	HR022400	
145	041305-004	Plastic Bag	275*195(open)*0.1t	1	HR044800	1219007
149	041306-002	Plastic Bag	190*130(open)*0.15t	1		1319006

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Index	Part Number	Description	Specification	Qty	Old P/N	Notes
151	041702-003	Plastic Bag	1600*1800(open)*0.1t	1		1101209
152	610003-085	Wooden Crate	1110*860*1090mm	1	TJ080002	1301273
153	002503-101	Round Head Hex Lock Screw	M5*0.8P*12	1		0901317
154	250839-620	Readout Clear Panel		1		1001097
*155	TJ08-85	Hardware Bag			SS2H	1001097
156	922895-000	Wiring Assembly		1		1001097
.1	021306-000	Strain Relief	PGA16-14B(with a nut)	1	HP042600	
.2	490609-008	Front Cover		1		
.3	000303-103	Round Head Phil Screw	M5*0.8P*10	4	HA040604	
.4	006502-100	Outter Toothed Washer	5*10*0.6t,(BW-5)	2	HE040800	
.5	471004-012	Conneting CSA Wire	SJT12AWG*1C*150mm (Green)	1		
.6	490124-008	Rear Cover		1	PN010801	
.7	003303-102	Round Head Phil Screw	3/16"-24NC*1/4"	1	HB040903	
157	012003-011	Key	5*5*35	1	HH010420	1501032