4016 10” Professional Tablesaw

Owner’s Manual

Oliver Machinery
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M-4016 04/2008

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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

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 deigned** for cutting wood products only. Do not use to cut any kind of metal or substance other then 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).

Table of Contents **Page Number**

Specifications

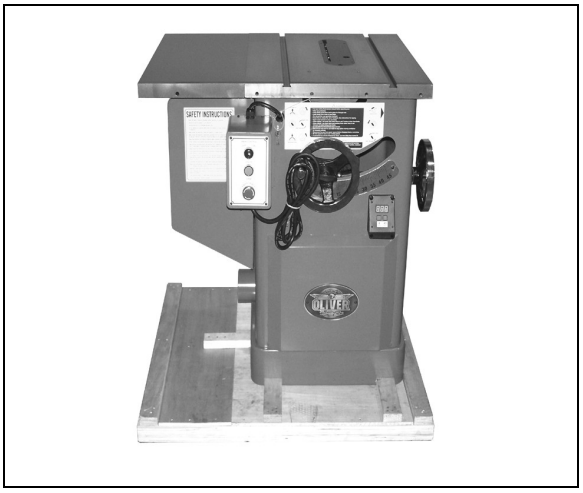
Model Number	4016
Blade Diameter (In)	10
Arbor Diameter (In)	5/8"
Maximum Depth of Cut at 90 Degrees (In)	3"
Maximum Depth of Cut at 45 Degrees (In)	2-1/4"
Maximum Cut to the Right of Blade	36”
Maximum Cut to the Left of Blade	12”
Dust Port Diameter (In)	4
Table Dimensions w/Extensions (LxW)	27” x 45-1/4"
Table Height (In)	36”
Blade Tilt	Left
Arbor Speed RPM	3,450
Gross Weight (with 36” rails and fence)	639

Oliver 4016, 10”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

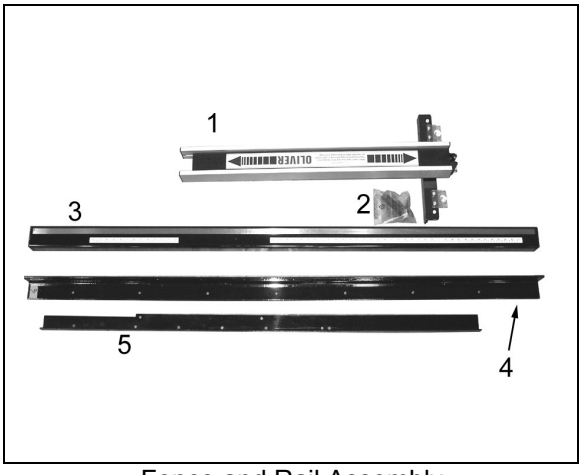
Blade guard

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

Contents

Fence and Rail Assembly

Fence
Lock handle
Front guide
Front guide support bracket
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.

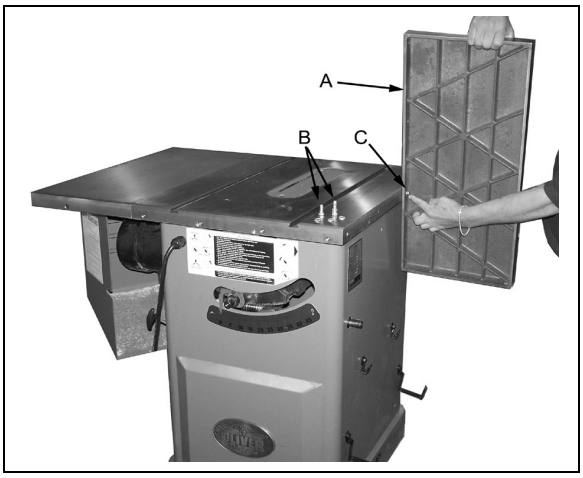


Figure 1

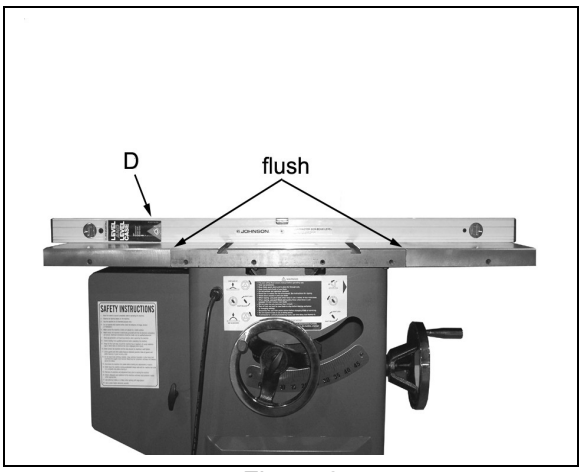


Figure 2

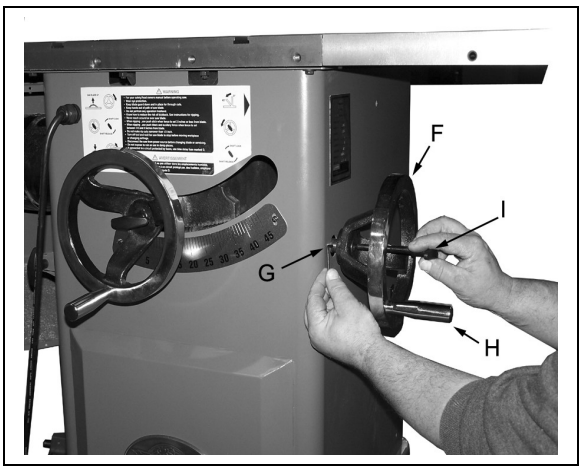


Figure 3

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.

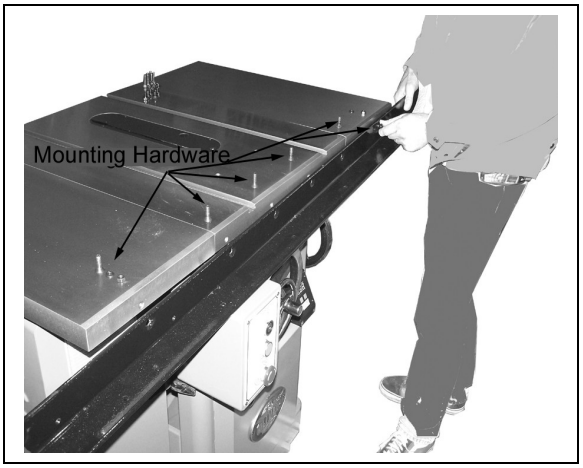


Figure 4

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.

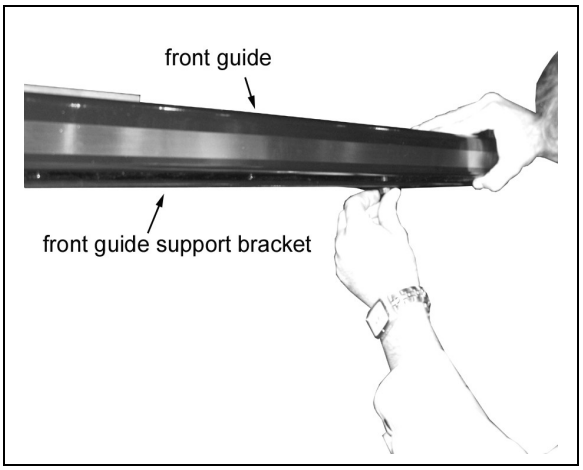


Figure 5

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 guage 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 guage 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 guage. If it is still mis-aligned, repeat the procedure.

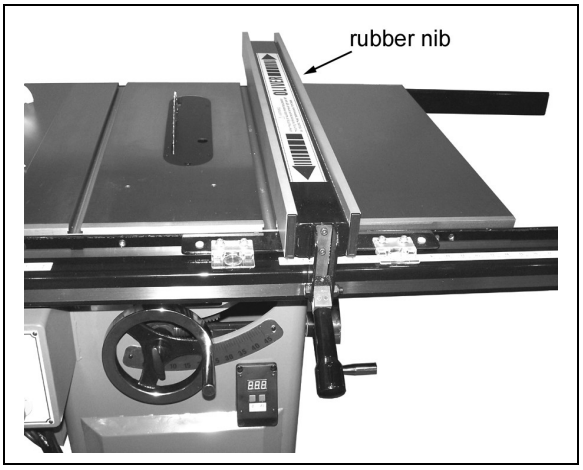


Figure 7

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.

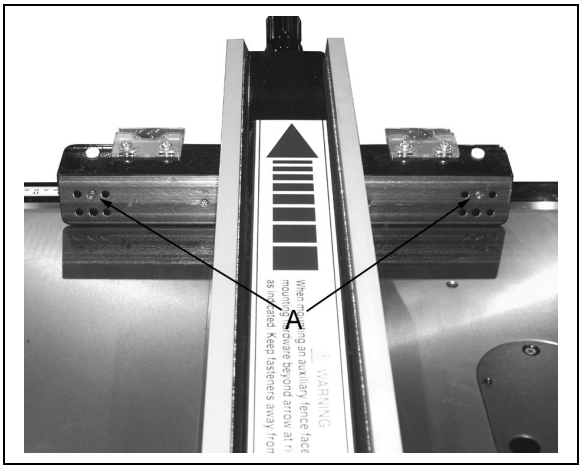


Figure 8

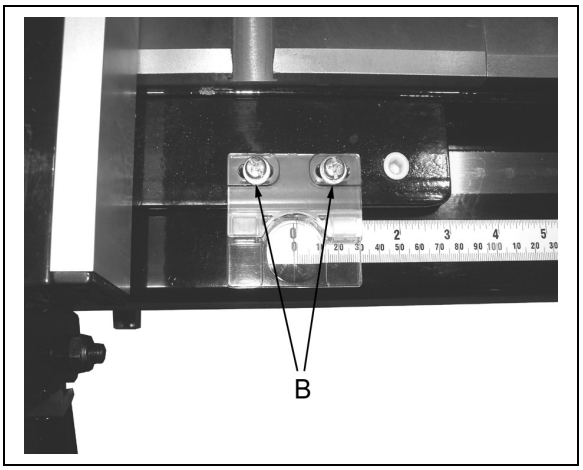


Figure 9

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.

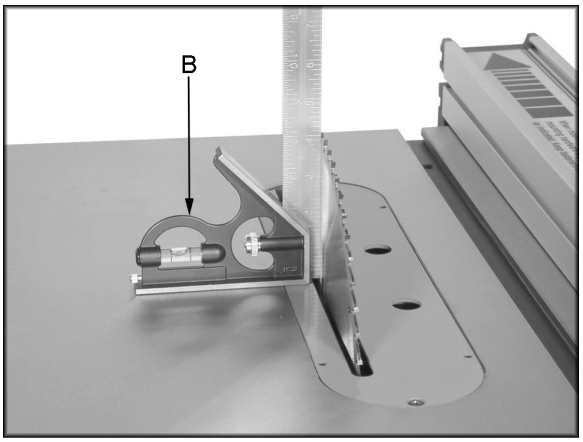


Figure 11

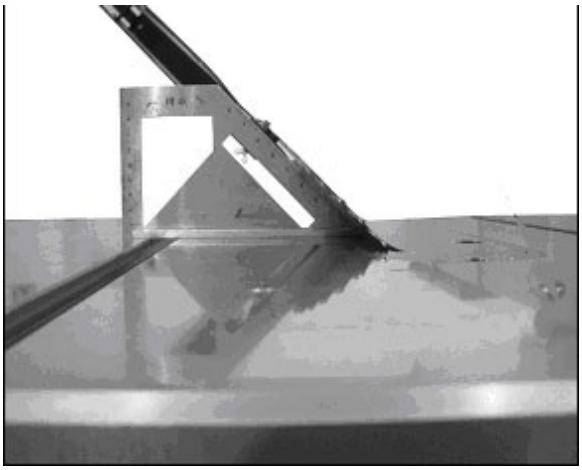


Figure 12

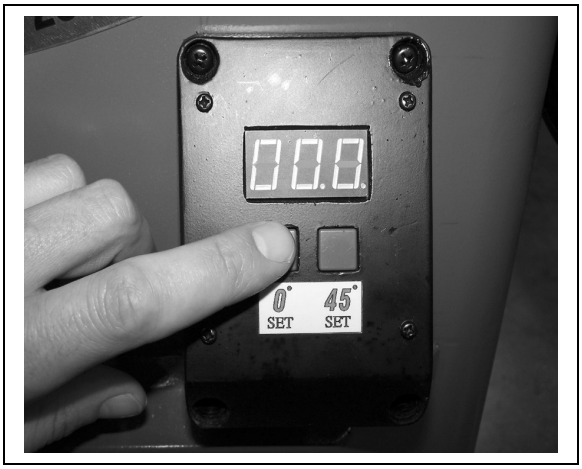


Figure 14

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.

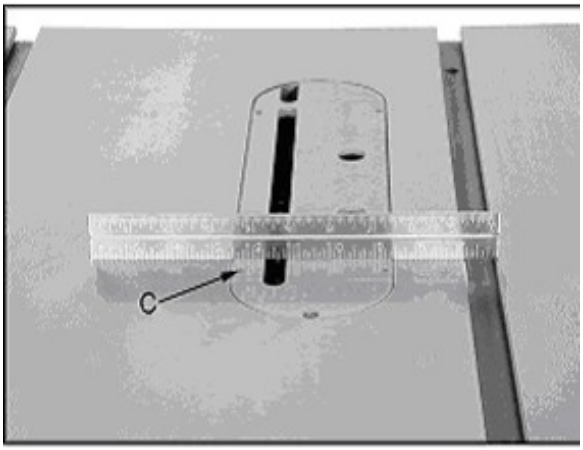


Figure 16

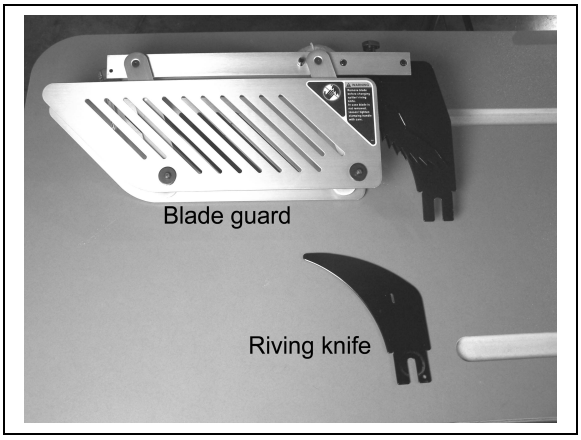


Figure 17

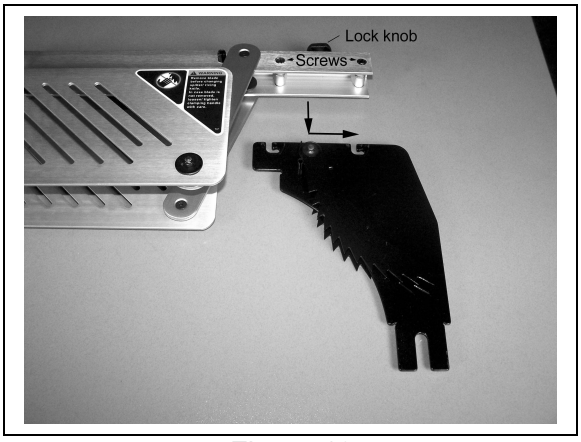


Figure 18

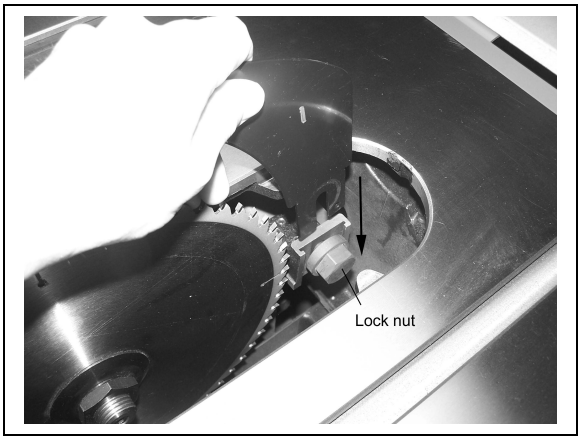


Figure 19

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).

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.

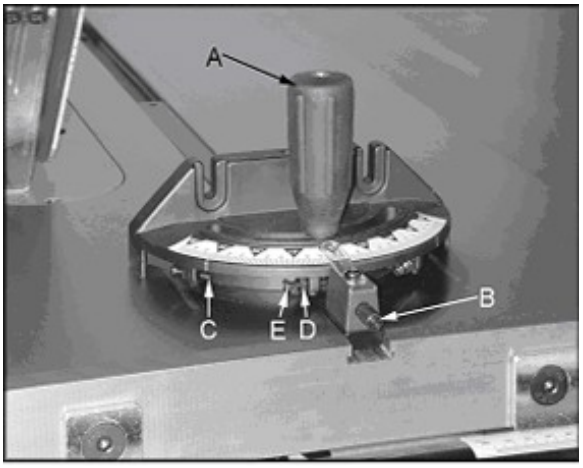


Figure 23

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.

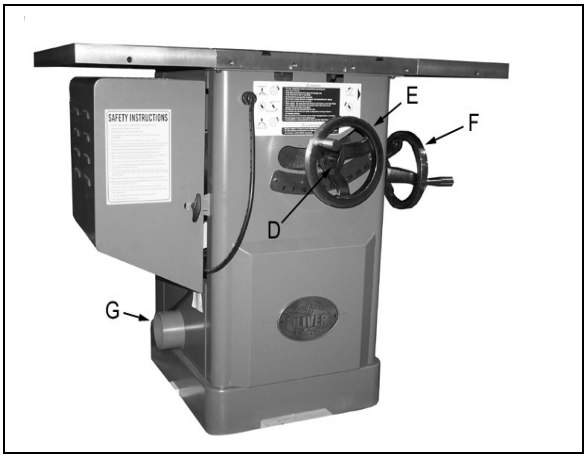


Figure 25

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.

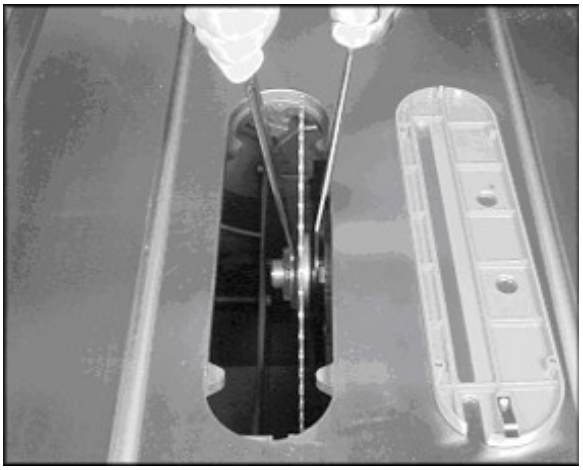


Figure 25

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

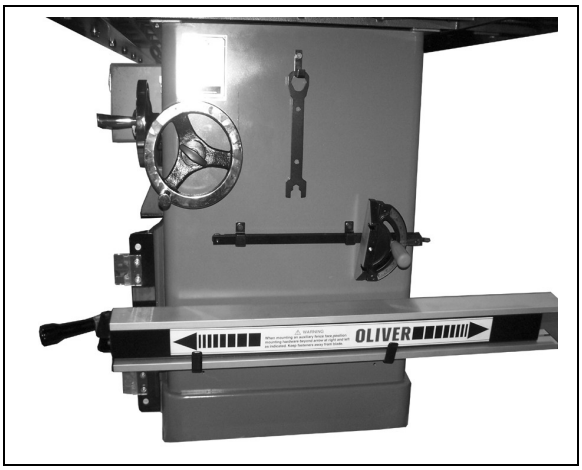


Figure 27

Accessory Holders

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

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Troubleshooting

Description of Symptoms	Possible Cause	Corrective Action
Machine will not start	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	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	1. Cable too light or too long 2. Low current 3. Motor not wired for correct voltage	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	1. Stops not adjusted correctly 2. Angle pointer not set accurately 3. Miter gauge out of adjustment	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	1. Dull blade 2. Blade mounted backwards 3. Gum or pitch on blade 4. Incorrect blade for cut	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	1. Fence not aligned with blade 2. Warped wood 3. Excessive feed rate 4. Splitter not aligned with blade	1. Check and adjust fence 2. Select another piece of wood 3. Reduce feed rate 4. Align splitter with blade

Saw vibrates excessively	1. Stand on uneven floor 2. Damaged saw blade 3. Bad V-belts 4. Bent pulley 5. Improper motor mounting 6. Loose hardware	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	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	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

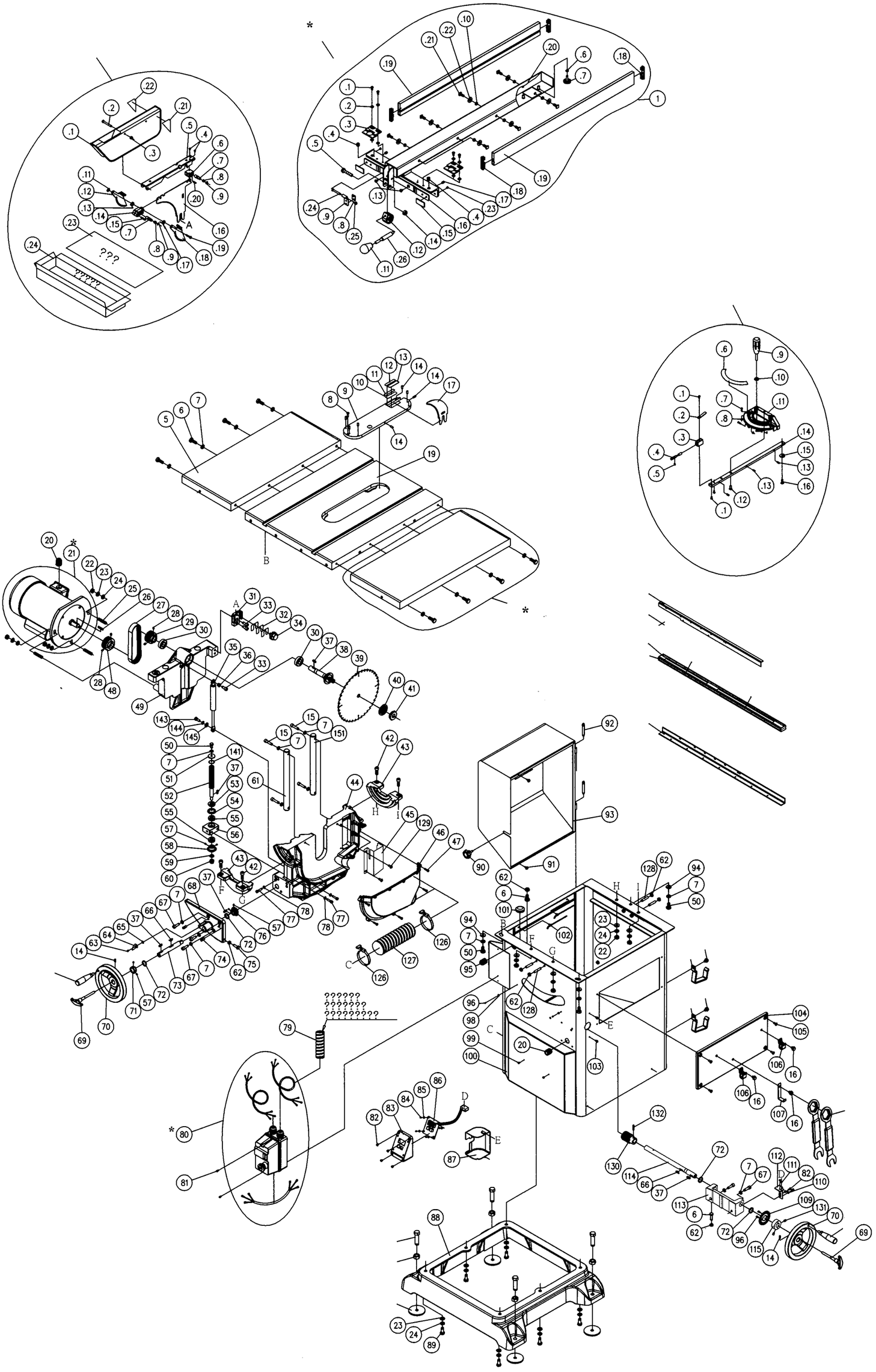
4016 Part's List					
Index	**Part Number**	**Descriptions**	**Spec.**	**QTY**	**Old P/N**
0	850429-000	Bagged Hardware		1	
116	230114-906	Handle		2	PJ010018
117	040203-000	Open Wrench	11*13	1	HQ020800
118	040205-000	Open Wrench	14*17	1	HQ021100
119	040207-000	Open Wrench	22*24	1	HQ021400
120	040004-000	Hex. Wrench	4mm	1	HQ010500
121	040005-000	Hex. Wrench	5mm	1	HQ010600
122	040006-000	Hex. Wrench	6mm	1	HQ010700
123	040401-000	Screwdriver	1*75	1	HQ070100
124	041305-003	Poly Bag	275*185*0.05t	1	HR043800
142	380205-901	Nut	TW5/8"-12(/in)	1	TH010011
0	850340-000	Bagged Hardware for Miter Gauge Resting Rack		1	
16	049201-102	Hex. Screw w/Flat Washer	M8*1.25P*12/(13B*6.5H)	2	
97	170541-904	Fence Seat Resting Rack		2	TH020024
125	041103-001	Poly Bag	120*100*0.1t	1	HR040200
0	850389-000	Bagged Hardware for Cast Iron Base		1	
146	000006-105	Adjusting Screw	M16*2.0P*60	4	RTJ040006
147	008011-100	Hex. Nut	M16*2.0P(24B*13H)	4	HC011600
148	172277-902	Base Packing Block		4	RTJ040005
149	041201-002	Poly Bag	190*130*0.05t	1	HR023000
0	850483-000	Bagged Hardware for Adjusting Plate		1	
32	172330-000	Adjusting Plate		3	TH250069
150	041401-002	Bubble Bag	100*70	1	
1	922230-000	Spreader Guard Ass'y		1	
.1	250180-627	Blade Guard		1	TH010033
.2	000002-309	Hex. Screw	M6*1.0P*50	1	
.3	008304-200	Nylock Nut	M6*1.0P(10B*7H)	1	HW040600
.4	000302-101	Round Head Screw	M4*0.7P*6	2	HA040402
.5	172335-904	Rod		1	TH250025
.6	130234-903	Connecting Rod Fixing Support		1	TH250044
.7	360865-901	Spreader Fixing Shaft		2	TH250047
.8	280160-901	Spring		2	TH250048
.9	010204-000	E-Ring	ETW-7	2	HF031600
.11	010301-000	SPN Ring	SPN-4	1	HF060200
.12	172336-904	Anti-Kick Pawl Left		1	TH250042
.13	280162-901	Spreader Spring (Right)		1	TH250049
.14	090149-910	Anti-Kick Fixing Bracket		1	TH250046
.15	360864-000	Pin		1	TH250051
.16	172337-904	Spreader		1	TH250017
.17	280163-901	Spreader Spring (Left)		1	TH250050
.18	172338-904	Anti-Kick Pawl (Right)		1	TH250043
.19	380495-901	Anti-Kick Paw Fixing Rod		1	
.20	011002-110	Spring Pin	4*16	1	HG010909
.21	572736-000	Warning Label (Right)		1	RTJ040007
.22	572737-000	Warning Label (Left)		1	RTJ040008

.23	041303-019	Poly Bag	700*280*0.05t	1	HR025600
.24	520001-554	Spreader Cardboard Box	480*60*216mm	1	
*2	TH27-42	Fence Ass'y			
3	921782-000	Miter Guage Ass'y		1	RTJ0405
.1	003303-105	Round Head Screw	3/16"-24NC*3/8"	3	HB040905
.2	250193-620	Indicator		1	TH010304
.3	130053-901	Packing		1	TH010305
.4	360381-901	Fixing Shaft		1	TH120606
.5	043311-000	O-Ring (P type)	P5	1	HM080300
.6	571151-000	Miter Guage Label		1	TH010303
.7	003305-106	Round Head 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 Guage		1	TH010302
.12	290017-901	Shoulder Screw		1	TH010308
.13	230222-901	Positioning Pin		3	TH120602
.14	380614-904	Positioning Bar		1	RTJ030041
.15	380069-901	Round Guide Piece		1	TH030303
.16	000403-105	Flat Head Screw	M6*1.0P*6	1	HA050402
.17	041303-019	Poly Bag	700*280*0.05t	1	HR025600
.18	041102-003	Poly Bag	165*80*0.05t	1	HR020400
*4	TH27-83	Extension Wing Ass'y			
5	050963-008	Extension Wing		1	
6	000003-105	Hex. Screw	M8*1.25P*25 (13B*5.5H)	6	HA010513
7	006305-100	Spring Washer	8.2*15.4	17	HE021100
8	002101-101	Pan Head Lock Screw	M5*0.8P*20	1	HA350310
9	250703-615	Blade Insert		1	TH270013
10	420009-000	Wearing Plate 2-sided Tape (Left)		1	TH270023
11	420010-000	Wearing Plate 2-sided Tape (Right)		1	TH270024
12	270048-902	Wearing Plate (Left)		1	TH270006
13	270049-902	Wearing Plate (Right)		1	TH270007
14	001902-105	Set Lock Screw	M6*1.0P*12	9	
15	000104-111	CAP Screw	M8*1.25P*35	4	HA020519
16	049201-102	Hex. Screw w/Flat Washer	M8*1.25P*12/(13B*6.5H)	3	
17	172331-904	Riving Knife		1	TH250005
19	050940-008	Table		1	TH270019
20	021306-000	Strain Relief	PGA16-14B	2	HP042600
*21	TH27-01	Motor Ass'y			TJ0A
22	008007-100	Hex. Nut	M10*1.5P(17B*8H)	7	HC011000
23	006307-100	Spring Washer	10.2*18.5	13	HE021300
24	006001-069	Flat Washer	10*20*3.0t	13	HA040705
25	360761-901	Bolt		3	RTJ030021
26	012003-010	Key	5*5*30	1	HH010417
27	014314-000	Belt	180J-9	1	
28	001902-102	Set Lock Screw	M6*1.0P*8	4	HA320403
29	380384-902	Blade Pulley		1	RTH160013
30	030214-000	Ball Bearing	6004-2NSE	2	HJ030900

31	110066-000	Riving Knife Bracket		1	TH250018
32	172330-000	Adjust Plate		3	TH250069
33	000104-104	CAP Screw	M8*1.25P*16	3	HA020508
34	380778-902	Lock Bolt		1	
35	660145-000	Air Pressure Rod		1	TH270026
36	160076-000	Bushing		1	TH270020
37	012003-006	Key	5*5*18	5	HH010410
38	380858-901	Arbor		1	TH270003
39	390017-000	Blade	10"*40T	1	
40	170518-901	Blade Washer		1	TH010012
41	380052-901	Blade Nut (5/8")		1	TJ010075
42	000105-103	CAP Screw	M10*1.5P*30	4	HA020616
43	050585-008	Trunnion Bracket		2	OE320004
44	050937-000	Trunnion		1	TH270001
45	172517-901	Dust Guide		1	
46	250704-615	Blade Side Cover		1	TH270017
47	000303-207	Round Head Screw	M5*0.8P*20	5	HS040610
48	380383-902	Motor Pulley		1	RTH160008
49	050938-000	Up/Down Lift Bracket		1	TH270002
50	000003-102	Hex. Screw	M8*1.25P*16	4	HA010508
51	006001-040	Flat Washer	8*30*3.0t	1	HE018300
52	360871-901	Up/Down Rod		1	TH270022
53	160073-000	Up/Down Rod Bushing		1	TH250062
54	660144-000	Ring		1	TH270010
55	031005-000	Ball Bearing	51102	2	HJ130300
56	130237-903	Rod Fixing Bracket		1	TH270029
57	001901-101	Set Lock Screw	M5*0.8P*5	6	HA320301
58	380767-000	Bevel Gear		1	
59	006001-078	Flat Washer	10.5*19*1.5t	1	HE015800
60	008307-100	Nylock Nut	M10*1.25P(17B*12H)	1	HC040900
61	360825-000	Column		1	TH270011
62	008006-100	Hex. Nut	M8*1.25P(13B*6.5H)	7	HC010800
63	000304-103	Round Head Screw	M6*1.0P*12	1	HA040705
64	171697-156	Indicator		1	TJ020014
65	006503-100	Lock Washer	6.4*11(BW-6)	1	HE040900
66	130061-000	Key		2	TJ010041
67	000104-108	CAP Screw	M8*1.25P*25	5	HA020515
68	050939-000	Gear Rotary Plate		1	TH270004
69	920662-000	Lock Bolt Ass'y		2	TJ0103
	360036-000	Lock Bolt		1	TJ010301
	250433-615	Lock Handle		1	TJ010302
70	240066-000	Handle Wheel		2	TH270027
71	130228-903	Fixing Ring		1	
72	006006-106	Flat Washer	19.1*25.4*1.6	4	TH120081
73	360867-901	Elevation Control Shaft		1	TH270018
74	360355-901	Pin		2	PJ010044
75	000003-107	Hex. Screw	M8*1.25P*35	1	HA010519
76	380768-000	Bevel Gear		1	130131-000

77	000103-108	CAP Screw	M6*1.0P*25	3	HA020413
78	006303-100	Spring Washer	6.1*12.3	3	HE020900
79	730063-004	Wire Protector	ASW-16-B(16*20/300mm)	1	
*80	TH27-02	Switch Ass'y			TJ0B
81	003303-101	Round Head Screw	3/16"-24NC*1/2"	2	HB040906
82	000303-202	Round Head Screw	M5*0.8P*8	6	
83	250547-615	Sensor Box		1	
84	000301-206	Round Head Screw	M3*0.5P*8	4	
85	006002-139	Flat Washer	3*8*1.0t	4	
86	950348-000	Sensor Ass'y	220~460V(450mm)	1	
.1	490498-000	Sensor Plate	220~460V	1	
.2	490434-000	Sensor Connecting Wire	450mm	1	
.3	250665-615	Elevation Sensor Box		1	
.4	001106-601	Round Head Self-Tapping Screw	M2*0.63P*6L	3	
87	250632-615	Dust Guard Cover		1	RTJ030046
88	050941-000	Cast Iron Base		1	TH270021
89	000004-102	Hex. Screw	M10*1.5P*25	6	HA010613
90	230131-000	Fix Nob Screw		1	SS011277
91	340007-615	Packing-Up Block		2	PG010046
92	230196-908	Clamp Screw		2	RTJ030029
93	172369-000	Cover		1	TH270014
94	006001-041	Flat Washer	8.2*22*3.0t	3	HE018400
95	021315-000	Strain Relief	MG25A-16B	1	HP042900
96	000302-101	Round Head Screw	M4*0.7P*6	4	HA040402
98	006001-001	Flat Washer	4.3*10*1.0t	2	HE010600
99	000401-104	Flat Head Screw	M4*0.7P*10	2	HA050204
100	172332-000	Body		1	TH270009
101	021507-000	Wire Protector		1	
102	230297-615	Fixed Chain		2	TH100081
103	001102-604	Round Head Self-Tapping Screw	M4*1.59P*12	2	HS180305
104	172266-000	Right Cover		1	
105	000403-104	Flat Head Screw	M6*1.0P*20	4	HA050410
106	170542-904	Miter Gauge Resting Rack		2	TH020025
107	170965-904	Fixin Support		1	TJ010090
108	172033-904	Wrench		2	RTJ030037
109	172110-000	Sensor Piece		1	TH240005
110	006001-009	Flat Washer	5.2*10*1.0t	2	HE011100
111	001101-205	Round Head Self-Tapping Screw	M3*1.06P*6	2	
112	170262-000	L-Shape Board		1	
113	050582-008	Worm Shaft Support		1	OE320003
114	360807-901	Worm Shaft		1	
115	130031-000	Fixing Ring		1	RTJ030047
126	042608-000	Dust Hose Clamp	Ø60-80mm	2	
127	042601-000	Dust Hose	2.5"*1000mm	1	
128	001903-107	Set Lock Screw	M8*1.25P*50	4	HA030528
129	002701-103	Round Head Hex Screw w/Flat Washer	M6*1.0P*16/6.3*12*1.0t	2	HA380300
130	320381-000	Worm Shaft		1	TJ020011
131	001903-104	Set Lock Screw	M8*1.25P*10	2	HA320504
132	011003-106	Spring Pin	5*28	1	HG011016

*133	TH27-73	Fence Ass'y			
*134	TH27-10	Name Plate			
*135	TH27-14	Manual			



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