

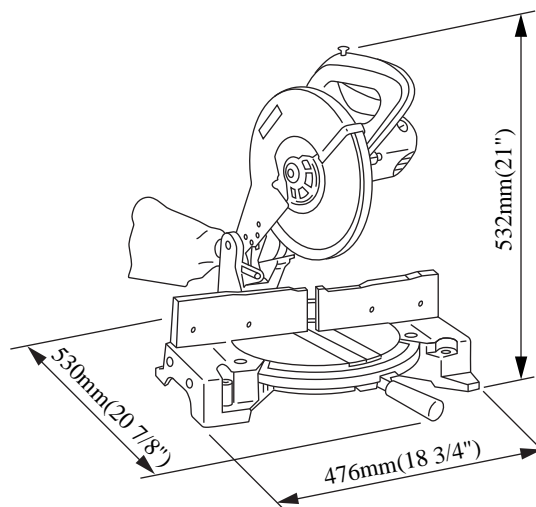
**Models No.** ▶ LS1040

**Description** ▶ 255mm(10") Miter Saw

## CONCEPTION AND MAIN APPLICATIONS

Model LS1040 is upgraded version of the existing Model LS1030. Its brief benefits are;

- \*Higher rigidity of all over the body
- \*More accurate cut
- \*Bevel cut (left only)
- \*More efficient chip/sawdust collection
- \*More stable cutting by holding material more widely with sub fence



## ► Specifications

Voltage (V)	Current (A)	Cycle (Hz)	Continuous Rating (W)		Max. Output(W)
			Input	Output	
100	15.0	50/60	1430	860	1800
115	15.0	50/60	1650	1000	2300
200	8.6	50/60	1650	1000	2300
220	7.9	50/60	1650	1000	2300
230	7.5	50/60	1650	1000	2300
240	7.2	50/60	1650	1000	2300

No Load Speed		4600rpm
Arbor diameter	U.S.A. ,Canada	15.88mm(5/8")
	Europe	30mm(1-3/16")
	Other countries	25.4mm(1")
Blade diameter		255mm(10")-260mm(10-1/4")
Net weight		11kg(24.2 lbs)
Power supply cord		2.5m(8.2 ft)

Cutting capacities (HxW) with saw blade 255mm

Miter angle	Bevel angle	
	0°	45° (left)
0°	90.5mm(3-9/16")x95mm(3-3/4")	48mm(1-7/8")x95mm(3-3/4")
	69mm(2-3/4")x130mm(5-1/8")	35mm(1-3/8")x130mm(5-1/8")
45° (left and right)	90.5mm(3-9/16")x67mm(2-5/8")	48mm(1-7/8")x67mm(2-5/8")
	69mm(2-3/4")x92mm(3-5/8")	35mm(1-3/8")x92mm(3-5/8")

## ► Standard equipment

Dust Bag Ass'y -----1 pc.  
 Triangular Rule-----1pc.  
 Socket Wrench 13-----1 pc.  
 Switch Button (as a spare) -----2 pcs.  
 Sub Plate Assembly -----1 pc.  
 Holder 255 -----2 pcs. (except for U.S. A. or Canada)  
 Vise Ass'y (Vertical Vise)-----1 pc.(except for U.S.A.or Canada)  
 Cross-cut Saw Blade 255-----1 pc. (except for U.S. A. or Canada)  
 The standard equipment for the tools shown may differ form country to country.

## ► Optional accessories

Vise Ass'y(Vertical Vise)  
 Vise Ass'y(Horizontal Vise)  
 Holder 255  
 Holder Set  
 Set Plate  
 Crown Molding Stopper Set  
 Ring 15.88 (for arbor diameter:25.4mm)  
 Ring 16 (for arbor diameter:25mm)  
 Ring 16 (for arbor diameter:30mm)  
 T.C.T. Saw Blade

## ► Features and benefits

- 1.Double insulated
- 2.See the sheets attached for more information.

### More efficient chip/sawdust collection

- More efficient collection

LS1040	87%
LS1030	34%

- Less ejection toward operator

### Blocking mechanism at the rest position (for European countries only)

Locked at the upper position automatically,  
 released by actuating the lever

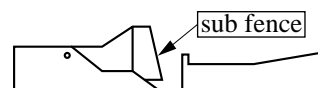
Light weight : 11kg

### Handle for carrying

### Movable sub fence

Material can be held widely  
 by turning sub fence to right side.

At 0° cutting	Turn to right side
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At bevel cutting	Turn to left side
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### Rigid arm

Accurate cutting  
 can be performed.

Bevel cut can be  
 performed.  
 (0°~45°in left way)

### Clear scale of angle

Positive stops at turn base  
 for angles (left or right)  
 0°,15°,22.5°,30°,45°

### Crown Molding Stopper Set (Optional accessory)

Convenient for setting  
 4-1/2" crown molding  
 slantwise

### Very quiet

Noise at no load

LS1040	85dB
LS1030	92dB
(=total noise of five LS1013's)	

## ► Comparison

Model No.	LS1040	LS1030
Rated current (A) [120V]	15	12
Input(w)	1650	1380
No load speed(rpm)	4600	4600
iter angle	L:45° - R:52°	L:45° - R:57°
Bevel angle	L:45° - 0°	N/A
Net weight	11.0kg (24.2 lbs)	10.6kg (23.3 lbs)

Cutting capacities [HxW] (at Blade diameter : 255mm)

Model No.	LS1013		LS1011
Bevel angle	0°	Left 45°	
Miter angle	0°		
	90.5x95mm (3-9/16"x3-3/4") 69x130mm (2-3/4x5-1/8")	48x95mm (1-7/8"x3-3/4") 35x130mm (1-3/8x5-1/8")	89x89mm (3-1/2"x3-1/2") 70x126mm (2-3/4x4-15/16")
	45°		
	90.5x67mm (3-9/16"x2-5/8") 69x92mm (2-3/4x3-5/8")	48x67mm (1-7/8"x2-5/8") 35x92mm (1-3/8x3-5/8")	89x63mm (3-1/2"x2-1/2") 70x89mm (2-3/4x3-1/2")

## ► Repair

Disassembling/assembling of the blade case and compression spring  
[Disassembling]

1. Lower the blade case(motor body) at maximum and insert the pin(jig) with 4 -6.5 mm in dia. and 120 mm or more in length into the two holes shown on the right figure.(The driver can be used instead of the pin.) It can be fixed while the compression spring is shrunk.
2. To disassemble the compression spring, place the block with the suitable size between pins, use the arbor to press the spring holder, pull out the two pins, and then lift up little by little to disconnect it.

Note) Be sure to take away both two pins before lifting up.

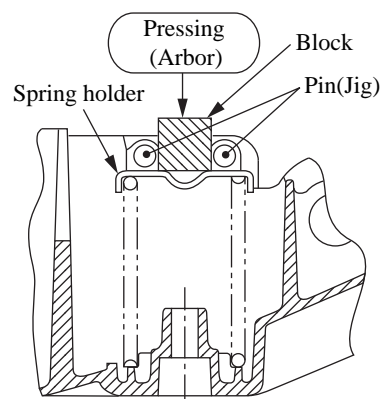
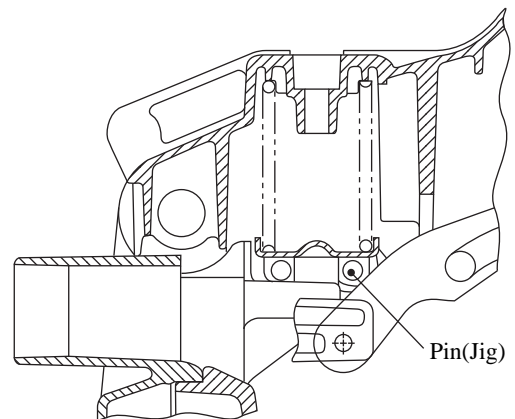
[Assembling]

Proceed in the reverse orders against assembling.

Disassembling/assembling of link plate

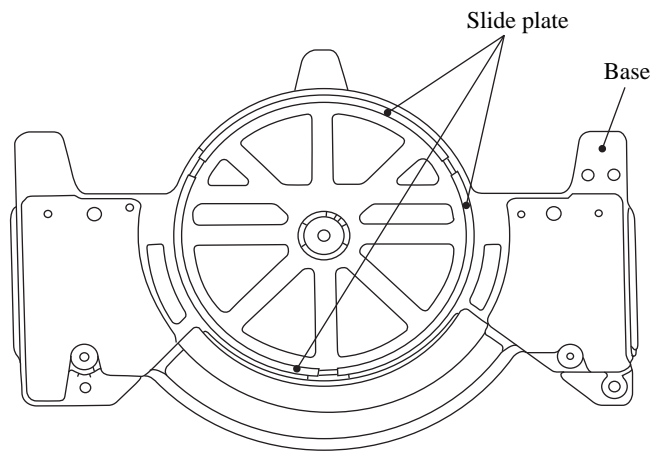
Use the adhesive to assemble the mounting screws

(arm side and blade case side) for link plate.(Adhesive : Screw lock super 1342)



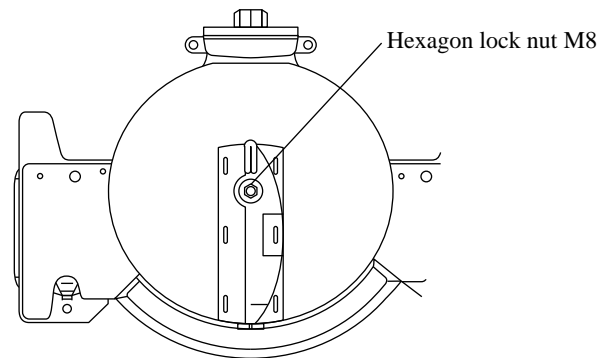
### Assembling of slide plate

Assemble the slide plate according to the base shape as shown on the below figure.



### Fastening of the hexagon lock nut M8 for mounting the turn base

Adjust the fastening conditions of hexagon lock nut M8 at center on the turn base so that the turn base can smoothly turn without clearance.



### Greasing points

Grease the MAKITA grease on the turning and moving points shown below.

Up/down swinging points of the blade case

Blade case, Arm, Rod 16

Arm turning point

Arm, Turn base(faucet joint for mounting arm and screws on the center)

Turning point and moving face of turn base

Turn base, Center on the base, Slide plate

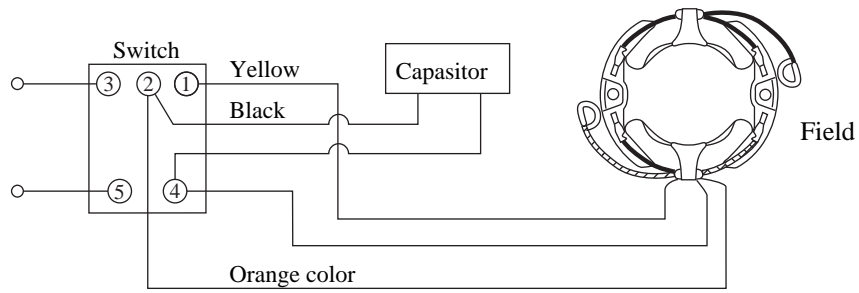
Positioning points of turn base

Base, Knock spring

Link plate edge

## ► Circuit drawing

<Low pressure specifications> The condenser is not used in some areas.



<High pressure specifications> The condenser is not used in some areas.

