

PRODUCT NAME .....

## Hitachi Slide Compound Miter Saw

Models C 8FSE, C 8FSHE

MARKETING OBJECTIVE .....

The new slide compound miter saws Models C 8FSE and C 8FSHE are developed to bring to the European market at the prices as low as the competitors' products. The Model C 8FSHE is equipped with a laser marker for easier alignment with the ink line and an LED light to illuminate the working surface brightly. In addition, the Model C 8FSE that is mostly the same as the Model C 8FSHE except that it is not equipped with the laser marker and the LED light is introduced in tandem with the Model C 8FSHE. With the new Models C 8FSE and C 8FSHE, we aim to enhance the share of the Hitachi slide compound miter saw series.

APPLICATIONS .....

- Cutting various types of wood workpieces
- Cutting workpieces of plywood, decoration panels, soft fiberboards and hard boards
- Cutting aluminum sashes

SELLING POINTS .....

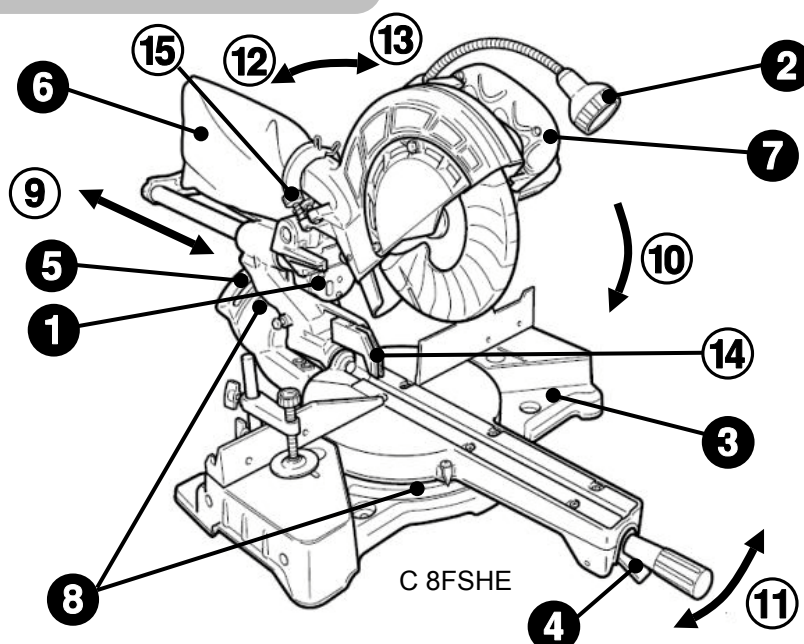
### [ NEW FEATURES ]

- 1 Laser marker (Only the Model C 8FSHE)
- 2 LED light (Only the Model C 8FSHE)
- 3 Lightweight
- 4 Positive angle stoppers
- 5 Bevel cutting range: Left 48° to right 5°
- 6 High dust collecting performance
- 7 Soft grip handle
- 8 Legible scale

### <Same features as the conventional models>

- 9 Slide cutting
- 10 Press cutting
- 11 Miter cutting
- 12 Right and left bevel cutting
- 13 Compound miter and left bevel cutting
- 14 Splinter guard, also serving for cut alignment
- 15 Groove cutting

SPECIFICATIONS AND PARTS ARE SUBJECT TO CHANGE FOR IMPROVEMENT.



**HITACHI**

**Hitachi Koki Co., Ltd.**  
International Sales Division

**REMARK:**

For more information about HANDLING INSTRUCTIONS, visit our website at:

[http://www.hitachi-koki.com/manual\\_view\\_export/](http://www.hitachi-koki.com/manual_view_export/)

Throughout this TECHNICAL DATA AND SERVICE MANUAL, a symbol(s) is(are) used in the place of company name(s) and model name(s) of our competitor(s). The symbol(s) utilized here is(are) as follows:

Symbols Utilized	Competitors	
	Company Name	Model Name
P1	DEWALT	DW707
P2	DEWALT	DW777
P3	DEWALT	DW712
B	BOSCH	GCM8S

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## SELLING POINT DESCRIPTIONS

### 1 Laser marker (Only the Model C 8FSHE)

Use the laser marker for aligning with the ink line on the workpiece.

- (1) Cutting position can be properly adjusted by aligning the positioning ink line with the laser line. There is no need to make a long ink line on the workpiece.
- (2) There is no need to lower the motor head to align with the ink line because the laser marker makes a laser line on the workpiece. In addition, cutting position can be easily adjusted because the operator can hold the workpiece with both hands to move.
- (3) Cutting position can be easily adjusted because the laser line can be aligned with an optionally angled ink line.
- (4) Even the workpieces such as crown moldings and base boards that have decorative surfaces and are difficult to be made an ink line can be cut just by aligning the laser line with the ink line on the fence side. The laser line is adjusted to the width of the saw blade at the time of factory shipment. Depending upon the user's cutting choice, the laser line can be aligned with the left side of the cutting width (saw blade) or the ink line on the right side. Adjust the position of the laser line according to "Position adjustment of laser line" on page 17.

Fig. 1-a

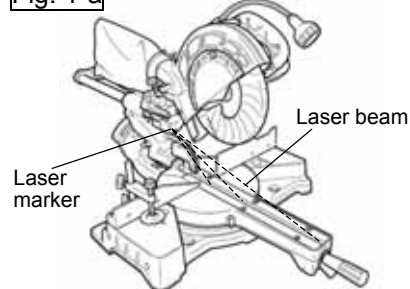
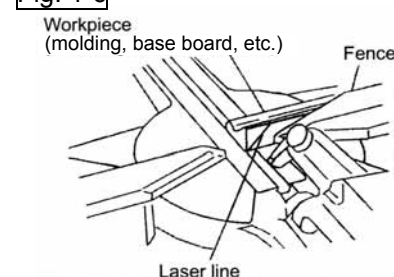


Fig. 1-b



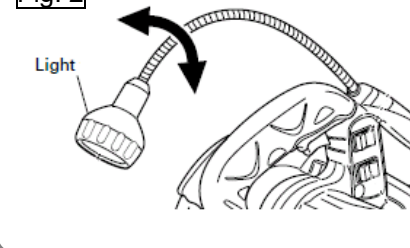
Fig. 1-c



### 2 LED light (Only the Model C 8FSHE)

The Model C 8FSHE is equipped with an LED light to light up over a table brightly. The two LEDs incorporated in it light up the materials and the point of the saw blade brightly. The LED light can freely move at the time of right and left bevel cutting because the support is flexible. Therefore, it lights up the materials and the point of the saw blade brightly at any time.

Fig. 2

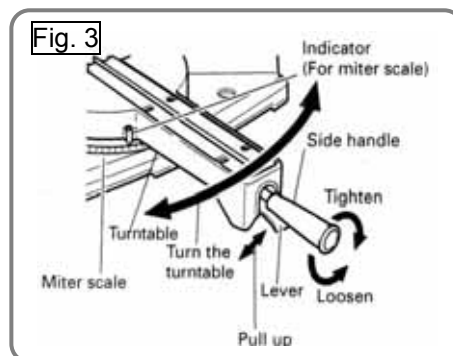


### 3 Lightweight

The Model C 8FSHE is most lightweight (14 kg) in the class of 8" (216 mm) slide compound miter saws because the reinforcement rib of the table is placed in the most suitable position.

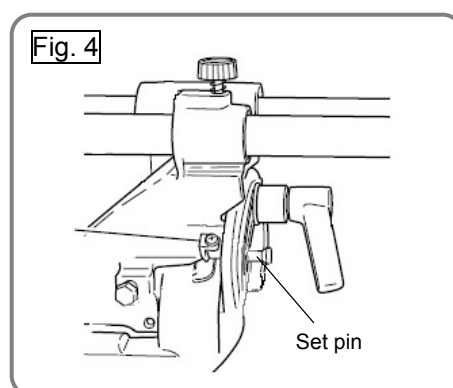
## 4 Positive angle stoppers

The Models C 8FSE and C 8FSHE have positive angle stoppers in the turn table at the right and the left of the 0° center setting, at 15°, 22.5°, 31.6° and 45° settings. Thanks to the positive angle stoppers, positioning can be done more securely than the ball index method utilized in the current Model C 8FB2. In addition, a lever is provided at the lower tip of the turn table to secure or release the positive angle stoppers. Adjustment of the turn table and positioning can be easily done while holding the side handle.



## 5 Bevel cutting range: Left 48° to right 5°

Possible range of bevel cutting is from left 48 degrees to right 5 degrees. By the simple operation of the set pin, you can set the position of the right angle and left 45 degrees. In addition, setting to approximately 30 degrees and 33.9 degrees for crown molding cutting can be done by this set pin.



## 6 High dust collecting performance

The dust collecting performance of the Models C 8FSE and C 8FSHE are remarkably higher than the other models thanks to the adoption of new dust guide and gear case.

Table 1

(%)

Cutting method	Maker Model	HITACHI		P1 and P2	P3	B
		C 8FSE C 8FSHE	C 8FB2			
Press cutting *1 (Size of the workpiece: 60 mm x 60 mm (2-3/8" x 2-3/8"))		75.0	25.0	5.9	31.3	62.2
Slide cutting *2 (Size of the workpiece: 30 mm x 150 mm (1-3/16" x 5-29/32"))		80.0	45.0	11.0	72.3	74.5

\*1: This is a method to cut a workpiece by shaking the motor head.

\*2: This is a method to cut a workpiece by sliding the motor head from the front.

The dust collecting performance is obtained from the following formula:

$$\text{Dust collecting performance (\%)} = \frac{\text{Weight of sawdust accumulated in the dust bag (g)}}{\text{Weight of all sawdust during cutting (g)}} \times 100$$

## 7 Soft grip handle

The handles are widely covered with soft-touch elastomer (rubber-like soft resin). It is slip-resistant and securely fits in the palm of a hand even if the gripping hand sweats.

## 8 Legible scale

The Models C 8FSE and C 8FSHE have legibly labeled angle scale and bevel scale while the current Model C 8FB2 has the scale printed on the die casting.

## ⑨ Slide cutting

**Table 2**

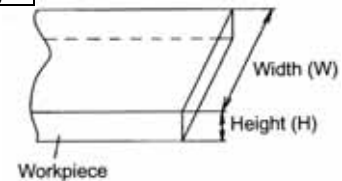
Unit: mm (inch)

Max. cutting dimension	Maker Model	HITACHI		P1 and P2	P3	B
		C 8FSE C 8FSHE	C 8FB2			
Height x Width (H x W)		65 x 312 (2-9/16" x 12-1/4") 75 x 262 (2-15/16" x 10-5/8") with aux. board width 30 (1-3/16")	65 x 305 (2-9/16" x 12") 75 x 265 (2-15/16" x 10-7/16")	60 x 270 (2-3/8" x 10-3/8")	70 x 300 (2-3/4" x 11-13/16")	60 x 270 (2-3/8" x 10-3/8")

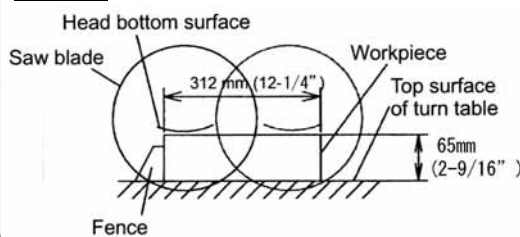
Workpieces as wide as shown in Table 2 can be cut with the motor head sliding. The lower limit position of the saw blade is factory-adjusted so that workpieces up to 65 mm (2-9/16") high and 312 mm (12-1/4") wide can be cut as shown in Fig. 6-a. When cutting a workpiece of 75 mm (2-15/16") in height as indicated in [ ] in Table 2, adjust the saw so that there is a clearance of 2 to 3 mm (3/32" to 1/8") between the bottom surface of the head and the top surface of the workpiece at the lower limit position of the saw blade as shown in Fig. 6-b. (See the Instruction Manual "Lower limit position of saw blade when cutting a large workpiece.")

Please note that, when cutting in this position, it is necessary to use an auxiliary board of 30 mm (1-3/16") wide so that the workpiece on the fence side can be cut fully in width.

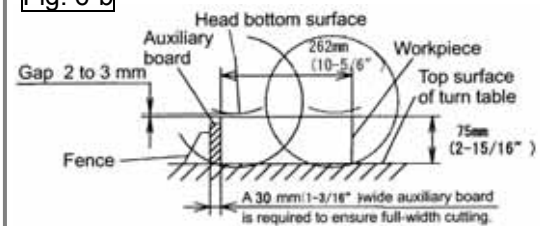
**Fig. 5**



**Fig. 6-a**



**Fig. 6-b**



## ⑩ Press cutting

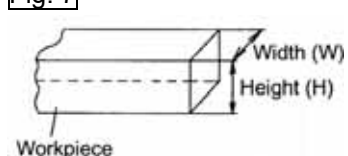
**Table 3**

Unit: mm (inch)

Max. cutting dimension	Maker Model	HITACHI		P1 and P2	P3	B
		C 8FSE C 8FSHE	C 8FB2			
Height x Width (H x W)		65 x 65 (2-9/16" x 2-9/16")	65 x 65 (2-9/16" x 2-9/16")	60 x 60 (2-3/8" x 2-3/8")	70 x 40 (2-3/4" x 1-9/16")	60 x 68 (2-3/8" x 2-11/16")

Press cutting with the head swiveling enables cutting square workpieces as large as shown in Table 3 in a single sawing operation. It is convenient for cutting narrow workpieces (Fig. 7).

**Fig. 7**



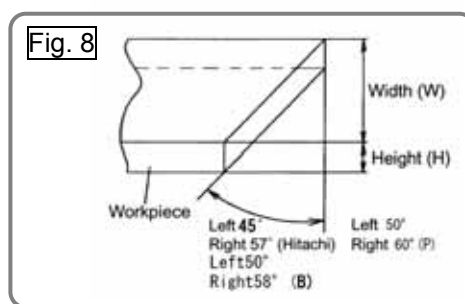
## 11 Miter cutting

Table 4

Unit: mm (inch)

Max. cutting dimension	Maker Model	HITACHI		P1 and P2	P3	B
		C 8FSE C 8FSHE	C 8FB2			
Right and left 45° Height x Width (H x W)		65 x 220 (2-9/16" x 8-21/32") 75 x 185 (2-15/16" x 7-1/4") with aux. board width 20 (13/16")	65 x 220 (2-9/16" x 8-21/32")	60 x 190 (2-3/8" x 7-15/32")	70 x 212 (2-3/4" x 6-11/32")	60 x 190 (2-3/8" x 7-15/32")
Right 57° Height x Width (H x W)		65 x 170 (2-9/16" x 6-11/16") 75 x 140 (2-15/16" x 5-1/2") with aux. board width 20 (13/16")	65 x 175 (2-9/16" x 6-7/8")	—	70 x 160 (2-3/4" x 6-5/16")	60 x 155 (2-3/8" x 6-3/32")

Wide workpieces as wide as shown in Table 4 can be cut by swiveling the turn table (right and left).  
The maximum cutting dimensions in [ ] in Table 4 are those obtained by adjusting the lower limit position of the saw blade indicated in Fig. 6-b, also with an auxiliary board.

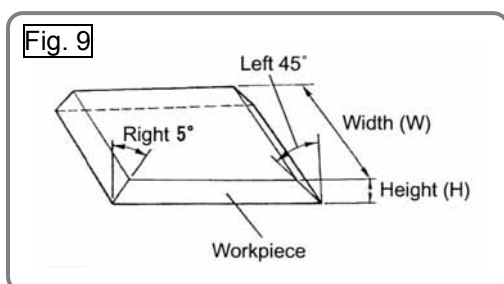


## 12 Right and left bevel cutting

Table 5

Unit: mm (inch)

Max. cutting dimension	Maker Model	HITACHI		P1 and P2	P3	B
		C 8FSE C 8FSHE	C 8FB2			
Left 45° Height x Width (H x W)		45 x 312 (1-25/32" x 12-1/4") 50 x 252 (1-15/16" x 9-15/16") with aux. board width 30 (1-3/16")	45 x 305 (1-25/32" x 12")	48 x 270 (1-7/8" x 10-3/8")	50 x 300 (1-15/16" x 11-13/16")	42 x 270 (1-21/32" x 10-3/8")
Right 5° Height x Width (H x W)		60 x 312 (2-9/16" x 12-1/4") 70 x 252 (2-3/4" x 9-15/16") with aux. board width 30 (1-3/16")	—	—	—	—



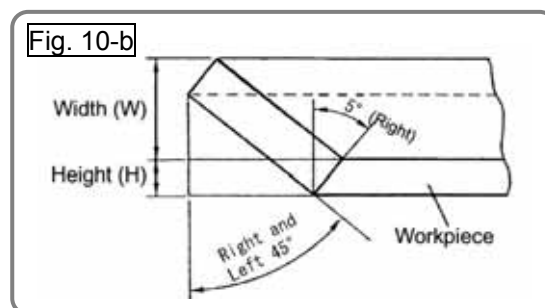
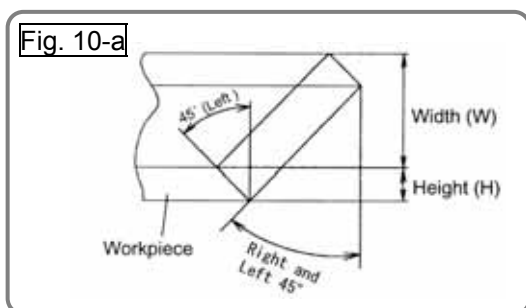
## 13 Compound miter and bevel cutting

Table 6

Unit: mm (inch)

Max. cutting dimension	Maker Model	HITACHI		P1 and P2	P3	B
		C 8FSE C 8FSHE	C 8FB2			
Miter left/right 45° Bevel left 45° Height x Width (H x W)		45 x 220 (1-25/32" x 8-21/32") 50 x 170 (1-15/16" x 6-11/16") with aux. board width 30(1-3/16")	45 x 220 (1-25/32" x 8-21/32")	48 x 190 (1-7/8" x 7-15/32")	50 x 212 (1-15/16" x 6-11/32")	42 x 190 (1-21/32" x 7-15/32")
Miter left/right 45° Bevel right 45° Height x Width (H x W)		60 x 220 (2-9/16" x 8-21/32") 70 x 170 (2-3/4" x 6-11/16") with aux. board width 30(1-3/16")	—	—	—	—

By turning the turn table to the left or right and inclining the saw blade section (head) to the left or right, the Models C 8FSE and C 8FSHE are capable of compound cutting (bevel and miter, see Figs. 10-a and 10-b) of workpieces with the maximum dimensions shown in Table 6.



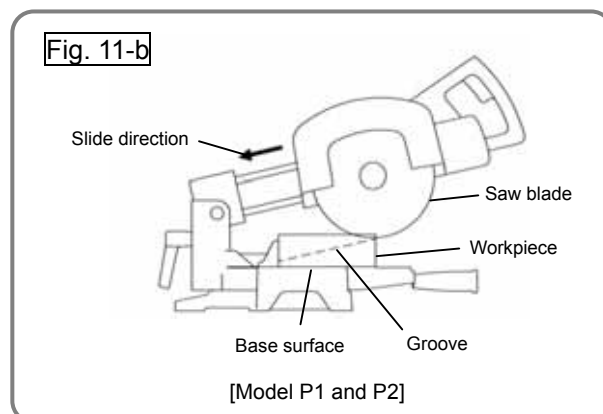
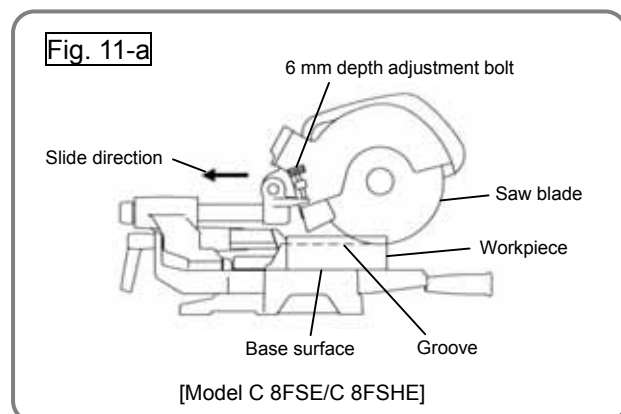
## 14 Splinter guard, also serving for cut alignment

When cutting the ends of a workpiece, splinters may drop on the saw blade and be cut into pieces. The Models C 8FSE and C 8FSHE are equipped with a splinter guard to prevent such splinter cutting. (Refer to "SELLING POINTS 11.") Safe cutting is also ensured in bevel cutting because the splinter guard is tilted with the saw blade.

## 15 Groove cutting

The Models C 8FSE and C 8FSHE can cut grooves at desired depth by adjusting the 6-mm depth adjustment bolt manually. (Refer to "Groove cutting procedures" described in the Instruction Manual for details.)

**NOTE: The Models C 8FSE and C 8FSHE cannot cut grooves at constant depth unless the saw blade slides in parallel with the base surface.**





# SPECIFICATIONS

## 1. Specifications

Model		C 8FSE/C 8FSHE		
Maximum cutting dimensions Height x Width mm (inch)	0°(Right angle)		65 mm x 312 mm (2-9/16" x 12-1/4"), 75 mm x 262 mm (2-15/16" x 10-5/6") (with aux. board 30 mm (1-3/16"))	
	Miter	Left/right 45°	65 mm x 220 mm (2-9/16" x 8-21/32"), 75 mm x 185 mm (2-15/16" x 7-1/4") (with aux. board 20 mm (13/16"))	
		Right 57°	65 mm x 170 mm (2-9/16" x 6-11/16"), 75 mm x 140 mm (2-15/16" x 5-1/2") (with aux. board 20 mm (13/16"))	
	Bevel	Left 45°	45 mm x 312 mm (1-25/32" x 12-1/4"), 50 mm x 252 mm (1-15/16" x 9-15/16") (with aux. board 30 mm (1-3/16"))	
		Right 5°	60 mm x 312 mm (2-3/8" x 12-1/4"), 70 mm x 252 mm (2-3/4" x 9-15/16") (with aux. board 30 mm (1-3/16"))	
	Miter left/right 45°+ bevel left 45°		45 mm x 220 mm (1-25/32" x 8-21/32"), 50 mm x 170 mm (1-15/16" x 6-11/16") (with aux. board 30 mm (1-3/16"))	
	Miter left/right 45°+ bevel right 5°		60 mm x 220 mm (2-3/8" x 8-21/32"), 70 mm x 170 mm (2-3/4" x 6-11/16") (with aux. board 30 mm (1-3/16"))	
Miter cutting ranges		Left 0° - 45°, Right 0° - 57°		
Bevel cutting ranges		Left 0° - 48°, Right 0° - 5°		
Compound (miter + bevel) cutting ranges		Miter left 45° to right 45° + left bevel 0° to 45° Miter left 45° to right 45° + right bevel 0° to 5°		
Angle stopper positions		0°, Right/left 15°, 22.5°, 31.6° and 45°		
Applicable saw blade		216 mm (8-1/2") external dia.		
Saw blade bore		U.S.A./Canada	Europe/Australia	Others
		15.9 mm (5/8")	30 mm (1-11/64")	25.4 mm (1")
External diameter of applicable saw blades		200 mm to 220 mm (7-7/8" to 8-21/32")		
Lower guard lock		U.S.A./Canada	Europe/Australia	Others
		Not provided	Provided	Not provided
Laser marker (Only the Model C 8FSHE)	Maximum output	< 1 mW (CLASS II)		
	Wave length	400 nm to 700 nm		
	Laser medium	Laser diode		
Power source type and voltage		AC single phase 50/60 Hz, 110 V, 120 V, 220 V to 240 V		
Type of motor		AC single phase commutator series motor		
Full-load current		110 V: 10 A, 120 V: 9.2 A, 220 V: 5 A, 230 V: 4.8 A, 240 V: 4.6 A		
No-load rotation speed		5,500 min <sup>-1</sup>		
Max. output		Approx. 2,100 W		
Main unit dimensions (Width x depth x height)		555 mm x 790 mm x 485 mm (21-27/32" x 31-3/32" x 19-3/32")		
Weight		C 8FSE 14 kg (31 lbs.) C 8FSHE 14.5 kg (32 lbs.)		
Coating		Gunmetallic silver		
Packaging		Corrugated cardboard box		
Cord		Type: 2-conductor cabtire cable Length: 1.8 m (6 ft)		

Standard accessories	<ul style="list-style-type: none"> <li>· 216 mm (8-1/2") TCT saw blade (15.9 mm (5/8") bore, NT24, Code No. 998840 for USA/CAN) ----- for wood cutting</li> <li>· 216 mm (8-1/2") TCT saw blade (30 mm (1-11/64") bore, NT24, Code No. 998859 for Europe/AUS) ----- for wood cutting</li> <li>· 216 mm (8-1/2") TCT saw blade (25.4 mm (1") bore, NT24, Code No. 998858 for others) ----- for wood cutting</li> <li>· Dust bag</li> <li>· Vise ass'y</li> <li>· 10 mm box wrench</li> <li>· Holder</li> <li>· Side handle</li> <li>· Sub fence (for USA/CAN)</li> </ul>
Optional accessories	<ul style="list-style-type: none"> <li>· 216 mm (8-1/2") TCT saw blade (15.9 mm (5/8") bore, NT36, Code No. 998860 for USA/CAN) ----- for wood cutting</li> <li>· 216 mm (8-1/2") TCT saw blade (30 mm (1-11/64") bore, NT36, Code No. 998861 for Europe/AUS) ----- for wood cutting</li> <li>· 216 mm (8-1/2") TCT saw blade (25.4 mm (1") bore, NT36, Code No. 996210 for others) ----- for wood cutting</li> <li>· 216 mm (8-1/2") TCT saw blade (15.9 mm (5/8") bore, NT60, Code No. 998862 for USA/CAN) ----- for aluminum sash cutting</li> <li>· 216 mm (8-1/2") TCT saw blade (30 mm (1-11/64") bore, NT60, Code No. 998863 for Europe/AUS) ----- for aluminum sash cutting</li> <li>· 216 mm (8-1/2") TCT saw blade (25.4 mm (1") bore, NT60, Code No. 996288 for other) ----- for aluminum sash cutting</li> <li>· Extension holder and stopper (Code No. 321553)</li> <li>· Crown molding vise ass'y (Code No. 329782) (Including crown molding stopper (L))</li> <li>· Crown molding stopper (L) (Code No. 321374)</li> <li>· Crown molding stopper (R) (Code No. 321373)</li> <li>· Sub fence ass'y (Code No. 329464)</li> </ul>

## COMPARISONS WITH SIMILAR PRODUCTS

### 1. Specification comparisons

[For Europe and others (Except for the U.S.A and Canada)]

(Superior specifications: )

Maker		HITACHI	P1	P2	B
Model name		C 8FSE/C 8FSHE			
Maximum cutting dimensions: Height x Width mm (inch)	0° (Right angle)	65 x 312 (2-9/16" x 12-1/4") 75 x 262 (2-15/16" x 10-5/6") (with aux. board 30 (1-3/16"))	60 x 270 (2-3/8" x 10-3/8")	60 x 270 (2-3/8" x 10-3/8")	60 x 270 (2-3/8" x 10-3/8")
	Miter	Left/right 45° 65 x 220 (2-9/16" x 8-21/32") 75 x 185 (2-15/16" x 7-1/4") (with aux. board 20 (13/16"))	60 x 190 (2-3/8" x 7-15/32")	60 x 190 (2-3/8" x 7-15/32")	60 x 190 (2-3/8" x 7-15/32")
		Right 57° 65 x 170 (2-9/16" x 6-11/16") 75 x 140 (2-15/16" x 5-1/2") (with aux. board 20 (13/16"))	—	—	60 x 155 (2-3/8" x 6-3/32")
	Bevel	Left 45° 45 x 312 (1-25/32" x 12-1/4") 50 x 252 (1-15/16" x 9-15/16") (with aux. board 30 (1-3/16"))	48 x 270 (1-7/8" x 10-3/8")	48 x 270 (1-7/8" x 10-3/8")	42 x 270 (1-21/32" x 10-3/8")
		Right 5° 60 x 312 (2-3/8" x 12-1/4") 70 x 252 (2-3/4" x 9-15/16") (with aux. board 30 (1-3/16"))	—	—	—
	Miter left/right 45°+ bevel left 45°	45 x 220 (1-25/32" x 8-21/32") 50 x 170 (1-15/16" x 6-11/16") (with aux. board 30 (1-3/16"))	48 x 190 (1-7/8" x 7-15/32")	48 x 190 (1-7/8" x 7-15/32")	42 x 190 (1-21/32" x 7-15/32")
	Miter left/right 45°+ bevel right 5°	60 x 220 (2-3/8" x 8-21/32") 70 x 170 (2-3/4" x 6-11/16") (with aux. board 30 (1-3/16"))	—	—	—
Groove cutting width		Possible (with bolt height adjustment)	Impossible	Impossible	Possible (with screw height adjustment)
Miter cutting ranges		Left 0° – 45° Right 0° – 57°	Left 0° – 50° Right 0° – 50°	Left 0° – 50° Right 0° – 50°	Left 0° – 50° Right 0° – 58°
Bevel cutting ranges		Left 0° – 48° Right 0° – 5°	Left 0° – 48°	Left 0° – 48°	Left 0° – 45°
Compound (miter + bevel) cutting ranges		Miter left and right 0° – 45° Bevel left 0° – 45°	Miter left and right 0° – 45° Bevel left 0° – 45°	Miter left and right 0° – 45° Bevel left 0° – 45°	Miter left and right 0° – 45° Bevel left 0° – 45°
		Miter left and right 0° – 45° Bevel right 0° – 5°			
Angle stopper positions		0°, Right/left 15°, 22.5°, 31.6°, 45°	0°, Right/left 15°, 22.5°, 30°, 45°, 50°	0°, Right/left 15°, 22.5°, 30°, 45°, 50°	0°, Right/left 15°, 22.5°, 30°, 45°
Saw blade external diameter mm (inch) (No. of teeth)		216 (8-1/2") (24P)	216 (8-1/2") (24P)	216 (8-1/2")	216 (8-1/2") (24P)

Maker		HITACHI	P1	P2	B
Model name		C8FSE/C8FSHE			
Laser marker		Provided	Not provided	Not provided	Provided
Laser output		< 1 mW	—	—	< 1 mW
Light		Provided (2 LEDs)	Not provided	Not provided	Provided
Motor	Full-load current (A)	230 V - 4.8 A	230 V - 5.6 A	230 V	230 V - 6.1 A
	No-load revolution (min <sup>-1</sup> )	5,500	6,700	6,300	5,000
Insulation structure		Double insulation	Double insulation	Double insulation	Double insulation
Splinter guard		Provided	Provided	Not provided	Not provided
Type of angle stopper		Positive stopper	Positive stopper	Positive stopper	Positive stopper
Sub fence		Not provided (Option)	Not provided	Provided	Not provided
Capacity of dust bag (l)		2	—		2
Main unit dimensions [Width x Depth x Height] mm (inch)		555 x 790 x 485 (21-27/32" x 31-3/32" x 19-3/32")	460 x 560 x 590 (18-1/8" x 22-1/16" x 23-7/32")	460 x 560 x 590 (18-1/8" x 22-1/16" x 23-7/32")	450 x 610 x 510 (17-23/32" x 24" x 20-3/32")
Product weight kg (lbs.)		C 8FSE: 14 (31) C 8FSHE: 14.5 (32)	14.5 (32)	14 (31)	15 (33.1)
Standard accessories		<ul style="list-style-type: none"> <li>· 216 mm (8-1/2") TCT saw blade (NT24) for wood cutting-----1</li> <li>· Dust bag-----1</li> <li>· Vise ass'y -----1</li> <li>· 10 mm box wrench ---1</li> <li>· Holder -----1</li> <li>· Sub fence-----1 (for USA/CAN)</li> </ul>	<ul style="list-style-type: none"> <li>· 216 mm (8-1/2") TCT saw blade (NT24) for wood cutting--- 1</li> <li>· Hex. bar wrench -- 2</li> <li>· Fence insert----- 1</li> </ul>	<ul style="list-style-type: none"> <li>· 216 mm (8-1/2") TCT saw blade for wood cutting--- 1</li> <li>· Hex. bar wrench -- 2</li> <li>· Dust bag----- 1</li> <li>· Dust extraction nozzles ----- 2</li> </ul>	<ul style="list-style-type: none"> <li>· 216 mm (8-1/2") TCT saw blade (NT24) -----1</li> <li>· Vise ass'y -----1</li> <li>· Hex. bar wrench -----1</li> </ul>
Optional accessories		<ul style="list-style-type: none"> <li>· Extension holder and stopper</li> <li>· Crown molding vise ass'y (Including crown molding stopper (L))</li> <li>· Crown molding stopper (L)</li> <li>· Crown molding stopper (R)</li> </ul>	<ul style="list-style-type: none"> <li>· Legstand</li> <li>· Vise ass'y</li> <li>· Roller table</li> <li>· Length stop for short workpieces</li> </ul>	<ul style="list-style-type: none"> <li>· Legstand</li> <li>· Vise ass'y</li> <li>· Roller table</li> <li>· Length stop for short workpieces</li> <li>· Dust extraction tubes</li> <li>· Three-way connector</li> </ul>	<ul style="list-style-type: none"> <li>· Extension bars</li> <li>· 216 mm (8-1/2") TCT saw blade (NT48)</li> </ul>

**[For the U.S.A and Canada]**

(Superior specifications: )

Maker		HITACHI		P3
Model name		C 8FSE/C 8FSHE	C 8FB2	
Maximum cutting dimensions: Height x Width mm (inch)	0° (Right angle)	65 x 312 (2-9/16" x 12-1/4") 75 x 262 (2-15/16" x 10-5/6") (with aux. board 30 (1-3/16"))	65 x 305 (2-9/16" x 12") 75 x 265 (2-15/16" x 10-7/16")	70 x 300 (2-3/4" x 11-13/16")
	Miter	Left/right 45° 65 x 220 (2-9/16" x 8-21/32") 75 x 185 (2-15/16" x 7-1/4") (with aux. board 20 (13/16"))	65 x 220 (2-9/16" x 8-21/32")	70 x 212 (2-3/4" x 6-11/32")
		Right 57° 65 x 170 (2-9/16" x 6-11/16") 75 x 140 (2-15/16" x 5-1/2") (with aux. board 20 (13/16"))	65 x 175 (2-9/16" x 6-7/8")	70 x 160 (2-3/4" x 6-5/16")
	Bevel	Left 45° 45 x 312 (1-25/32" x 12-1/4") 50 x 252 (1-15/16" x 9-15/16") (with aux. board 30 (1-3/16"))	45 x 305 (1-25/32" x 12")	50 x 300 (1-15/16" x 11-13/16")
		Right 5° 60 x 312 (2-3/8" x 12-1/4") 70 x 252 (2-3/4" x 9-15/16") (with aux. board 30 (1-3/16"))	—	—
	Miter left/right 45°+ bevel left 45°	45 x 220 (1-25/32" x 8-21/32") 50 x 170 (1-15/16" x 6-11/16") (with aux. board 30 (1-3/16"))	45 x 220 (1-25/32" x 8-21/32")	50 x 212 (1-15/16" x 6-11/32")
	Miter left/right 45°+ bevel right 5°	60 x 220 (2-3/8" x 8-21/32") 70 x 170 (2-3/4" x 6-11/16") (with aux. board 30 (1-3/16"))	—	—
Groove cutting width		Possible (with bolt height adjustment)	Possible (with screw height adjustment)	Possible (with screw height adjustment)
Miter cutting ranges		Left 0° - 45° Right 0° - 57°	Left 0° - 45° Right 0° - 57°	Left 0° - 50° Right 0° - 60°
Bevel cutting ranges		Left 0° - 48° Right 0° - 5°	Left 0° - 45°	Left 0° - 48° Right 0° - 2°
Compound (miter + bevel) cutting ranges		Miter left and right 0° - 45° Bevel left 0° - 45°	Miter left and right 0° - 45° Bevel left 0° - 45°	Miter left and right 0° - 45° Bevel left 0° - 45°
		Miter left and right 0° - 45° Bevel right 0° - 5°		
Angle stopper positions		0°, Right/left 15°, 22.5°, 31.6°, 45°	0°, Right/left 15°, 22.5°, 31.6°, 35.3°, 45°	0°, Right/left 10°, 15°, 22.5°, 31.6°, 45°, Left 50°, Right 60°
Saw blade external diameter mm (inch) (No. of teeth)		216 (8-1/2") (24P)	216 (8-1/2") (24P)	216 (8-1/2") (30P)

Maker		HITACHI		P3
Model name		C 8FSE/C 8FSHE	C 8FB2	
Laser marker		Provided	Not provided	Not provided
Laser output		< 1 mW	—	—
Light		Provided (2 LEDs)	Not provided	Not provided
Motor	Full-load current (A)	120 V – 9.2 A	115 V – 9.5 A	120 V - 15 A
	No-load revolution (min <sup>-1</sup> )	5,500	4,900	5,400
Insulation structure		Double insulation	Double insulation	Double insulation
Splinter guard		Provided	Provided	Not provided (Option)
Type of angle stopper		Positive stopper	Ball index	Positive stopper
Sub fence		Provided	Not provided	Provided
Capacity of dust bag (l)		2	2	—
Main unit dimensions [Width x Depth x Height] mm (inch)		555 x 790 x 485 (21-27/32" x 31-3/32" x 19-3/32")	520 x 755 x 500 (20-15/32" x 29-23/32" x 19-11/16")	580 x 720 x 555 (22-27/32" x 28-11/32" x 21-27/32")
Product weight kg (lbs.)		C 8FSE: 14 (31) C 8FSHE: 14.5 (32)	17.5 (38.6)	19.5 (43)
Standard accessories		<ul style="list-style-type: none"> <li>· 216 mm (8-1/2") TCT saw blade (NT24) for wood cutting----- 1</li> <li>· Dust bag----- 1</li> <li>· Vise ass'y ----- 1</li> <li>· 10 mm box wrench ----- 1</li> <li>· Holder ----- 1</li> <li>· Sub fence----- 1 (for USA/CAN)</li> </ul>	<ul style="list-style-type: none"> <li>· 216 mm (8-1/2") TCT saw blade (NT24) for wood cutting ----- 1</li> <li>· Dust bag ----- 1</li> <li>· 10 mm box wrench. ----- 1</li> <li>· Vise ass'y ----- 1</li> <li>· Slide fence ass'y----- 1</li> </ul>	<ul style="list-style-type: none"> <li>· 216 mm (8-1/2") TCT saw blade (NT30) ----- 1</li> <li>· Blade spanner----- 1</li> </ul>
Optional accessories		<ul style="list-style-type: none"> <li>· Extension holder and stopper</li> <li>· Crown molding vise ass'y (Including crown molding stopper (L))</li> <li>· Crown molding stopper (L)</li> <li>· Crown molding stopper (R)</li> </ul>	<ul style="list-style-type: none"> <li>· Stopper</li> <li>· 216 mm (8-1/2") TCT saw blade (NT36) for wood cutting</li> <li>· 216 mm (8-1/2") TCT saw blade (NT60) for wood cutting</li> <li>· 216 mm (8-1/2") TCT saw blade (NT60) for aluminum cutting</li> </ul>	<ul style="list-style-type: none"> <li>· Legstand</li> <li>· Fence insert</li> <li>· Dust extraction kit</li> <li>· Carrying strap</li> </ul>

# PRECAUTIONS IN SALES PROMOTION

## 1. Safety instructions

In the interest of promoting the safest and most efficient use of the Models C 8FSE and C 8FSHE Slide Compound Miter Saws by all of our customers, it is very important that at the time of sale the salesperson carefully ensures that the buyer seriously recognizes the importance of the contents of the Instruction Manual, and fully understands the meaning of the precautions listed on the Warning Labels, Warning Signs and Caution Labels attached to each machine.

### A. Instruction manual

Although every effort is made in each step of design, manufacture and inspection to provide protection against safety hazards, the dangers inherent in the use of any slide compound miter saw cannot be completely eliminated. Accordingly, general precautions and suggestions for the use of electric power tools, and specific precautions and suggestions for the use of the slide compound miter saw are listed in the Instruction Manual to enhance the safe, efficient use of the tool by the customer. Salespersons must be thoroughly familiar with the contents of the Instruction Manual to be able to offer appropriate guidance to the customer during sales promotion.

### B. Warning labels and caution labels

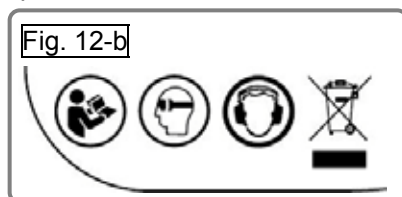
#### (1) Precautions on the name plate

Each of the Models C 8FSE and C 8FSHE is furnished with a Name Plate that lists the following precautions.

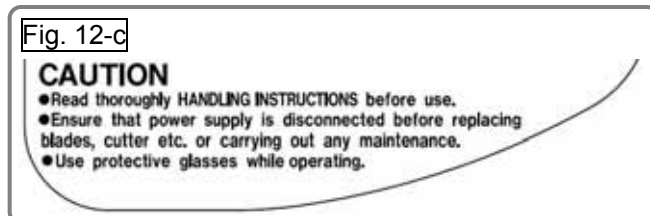
For the U.S.A. and Canada



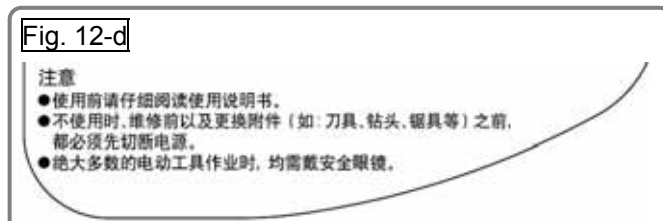
For Europe



For Australia and Asia



For China



For Taiwan

Fig. 12-e

注意

●使用前請詳讀使用說明書

(2) Warning label (A) (for the U.S.A. and Canada)

Fig. 13



Warning label (A) specified by the UL is affixed on the left side of the gear case.

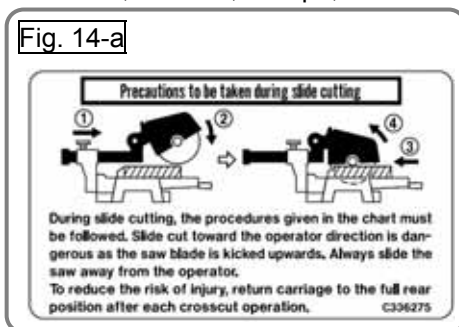
Please instruct users to strictly observe the 11 items of precautions in warning label (A) shown above.

(3) Caution labels (A) and (B) (at the front of the base)

· Caution label (A) (at the front of the base)

For the U.S.A., Canada, Europe, Australia and Asia

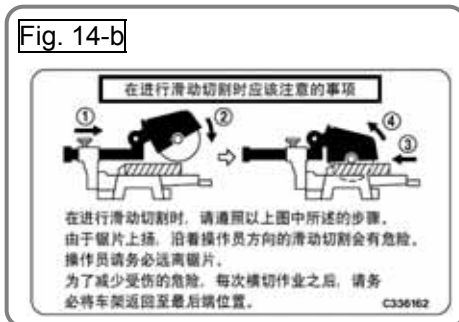
Fig. 14-a



· Caution label (B) (at the front of the base)

For China

Fig. 14-b

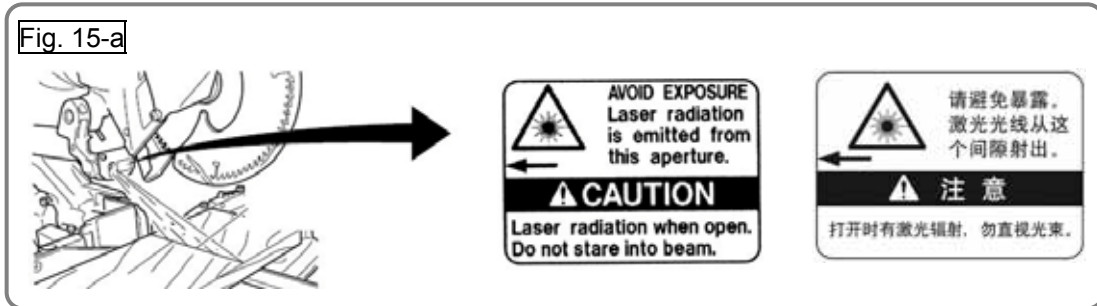




- (4) Caution label (J) (at the front of the hinge) and caution labels (C) and (E) (at the front left of the turn table) (only the Model C 8FSHE)

Do not stare into laser beam. If your eye is exposed directly to the laser beam, it can be hurt. Caution label (J) and caution labels (C) and (E) are adhered to each machine to comply with the standards for the safe use of laser equipment.

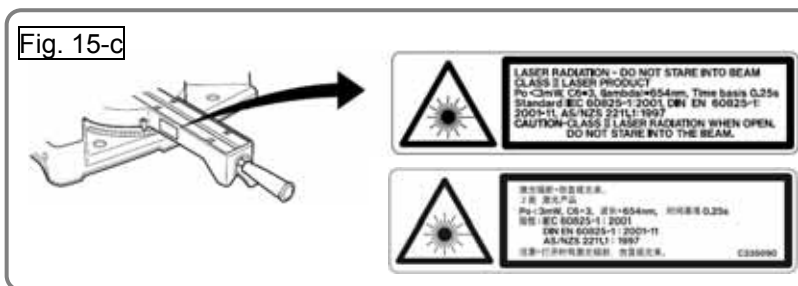
- Caution label (J) (at the front of the hinge) (only the Model C 8FSHE)



- Caution labels (C) and (E) (at the front left of the turn table) (only the Model C 8FSHE)  
For the U.S.A. and Canada



For Europe, Australia, China and Asia



## C. Relative standards

Standards, regulations and guidelines for the safe use of laser equipment

[The U.S.A.] FDA CDRH 21 CFR

[AUS/NZL] AS/NZS 2211.1: 2001

[Europe] EN 60825-1: 2001-11

## D. Laser marker (only the Model C 8FSHE)

The Model C 8FSHE is equipped with the laser marker that complies with the Class II requirements of the standard specified in "Relative standards." The Class II laser is defined as follows:

- The laser power is low and it is safe by the protective measures such as blinking.  
However, it is dangerous if the operator's eyes are exposed directly to the laser for a protracted period.
- The operator can use the laser equipment without particular training and instruction.
- The amount of light exposure (output) is 1 mW or less at the position where the operator can be exposed to the laser radiation during operation. (This is in the case of the U.S.A. The measuring methods and the output values are different depending on the standards.)

The saw blade unit prevents access of the operator's eye to the laser-emitting aperture less than 65 mm. In addition, the amount of light exposure (output) is 1 mW or less (about 0.4 mW) at this position. Thus the Model C 8FSHE satisfies the Class II requirements adequately. There is no ill effect on the operator's body if looking at the laser line on the workpiece during operation.

**CAUTION: (1) Be sure to disconnect the power cord plug from the receptacle before removing the laser marker for repair. If it is unavoidable to check the operation of the removed laser marker with the power turned on, face the laser emitting aperture to the ground to show the laser line on the ground.**

**(2) Laser radiation when open. DO NOT STARE INTO BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.**

The life span of the laser marker in the Model C 8FSHE is about 3,600 hours. (About 3 years: 5 hours of use/day x 240 days/year)

## 2. Precautions requiring particular attention during sales promotion

### A. Ambient illuminance and visibility of laser line (only the Model C 8FSHE)

The visibility of the laser line on the workpiece changes depending on the brightness of the working environment. Instruct the customer to consider the brightness of the working environment when using the laser marker referring to the following table.

**Table 7 Ambient illuminance and visibility of laser line**

Illuminance (lux)		3000 or more	3000 or more	3000 - 2500	800 - 600	300 - 200	150 - 80	30 or less
Ambient conditions (reference)	Outdoor	Under direct sunlight of fine weather	Shaded area in fine weather	Cloudy weather	Shaded area in cloudy weather	Just before the sunset in cloudy weather	—	Laser line is invisible.
	Indoor	—	Near the window under fine weather	Indoor under fine weather	Near the window under cloudy weather	Indoor under cloudy weather	Near the window under cloudy weather, just before the sunset	
Laser line		Invisible	Visible	Visible	Visible	Visible	Glaring	Glaring

(The working environment where the illuminance is 200 luxes or less is dark and difficult to operate the Model C 8FSHE.)

The laser line is invisible under direct sunlight of fine weather. Prepare a shaded area or relocate to a shaded area to operate the Model C 8FSHE.

When a laser line is dazzling, please light up the laser line with a LED light. You can watch a laser line if you do so.

### B. Precautions concerning brake

The Models C 8FSE and C 8FSHE are equipped with a "brake" that stops running when the switch is turned off. Normally the operation is stopped in 5 - 6 seconds when the switch is turned off. If it takes 10 seconds or more to stop, absolutely avoid further use of this machine. In this event, ensure that your customers bring this machine in their local Hitachi power tools dealer or Hitachi power tools center for servicing.

- (1) Be sure to use the carbon brushes dedicated to the Models C 8FSE and C 8FSHE (110 V to 120 V: Code No. 999021, 220 V to 240 V: Code No. 999001). Use of other carbon brushes will adversely affect the brake performance.
- (2) If the brake should fail to work, check the carbon brushes. Replace the carbon brushes with new ones if their length is shorter than 6 mm. If the brake still does not work, replace the armature ass'y.

## ADJUSTMENT AND OPERATIONAL PRECAUTIONS

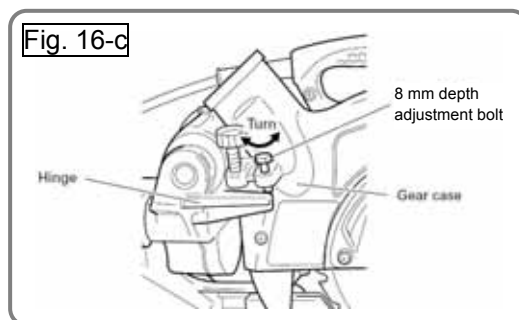
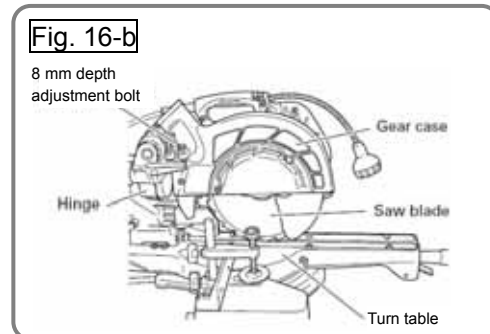
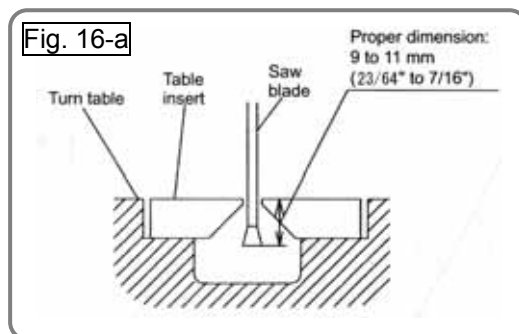
### 1. Confirmation of saw blade lower limit position

The lower limit of the saw blade cutting depth is factory-adjusted so that when the saw blade is fully lowered, its cutting edge is 10 to 11 mm (13/32" to 7/16") below the upper surface of the turn table in order to cut workpieces completely without cutting the bottom of the turn table groove. Lower the saw blade and check that it stops at the correct position (Fig. 16-a).

When changing the position of the 8 mm depth adjustment bolt that serves as the lower limit position stopper of the saw blade, perform the following steps.

- (1) Make the tip of the 8 mm depth adjustment bolt contact with the hinge.
- (2) Turn the 8 mm depth adjustment bolt with a 13-mm wrench to adjust the lower limit position of the saw blade (Fig. 16-c).

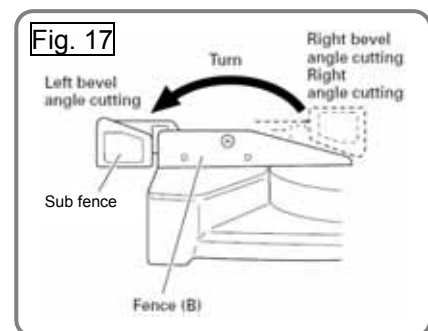
**CAUTION:** Perform the adjustment carefully to ensure that the saw blade does not cut into the turn table.



### 2. Confirmation for use of sub fence (Optional accessory)

The sub fence is optionally available (located at the front right of the base). Use the sub fence for miter cutting and right bevel cutting. The sub fence supports the workpiece widely for stable cutting. In the case of left bevel cutting, raise the sub fence as illustrated in Fig. 17 and turn it counterclockwise.

\*For the U.S.A. and Canada, the Models C 8FSHE and C8FSE are equipped with the sub fence as a standard accessory.



**NOTE:** Mount the sub fence as follows.

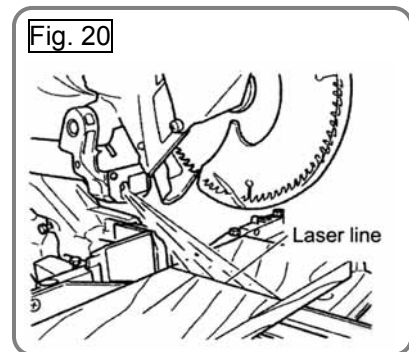
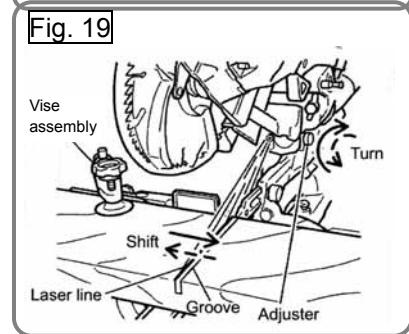
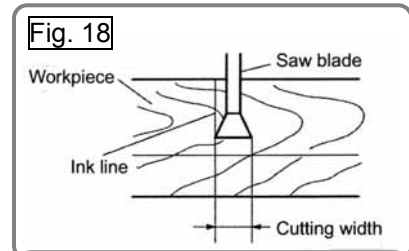
Insert the flat-head screw M6 into fence (B) and mount the sub fence and the plate. Then tighten the nylon nut M6 with the attached 10-mm box wrench so that the sub fence can turn smoothly.

**WARNING:** In the case of left bevel cutting, turn the sub fence counterclockwise. Otherwise the main body or the saw blade may contact the sub fence resulting in an injury. Be sure to instruct the customers to turn the sub fence counterclockwise in the case of left bevel cutting.

### 3. Position adjustment of laser line (Only the Model C 8FSHE)

The laser line is adjusted to the width of the saw blade at the time of factory shipment. Depending upon the cutting choice, align the laser line with the left side of the cutting width (saw blade) or the right side according to the following procedure. First, make a right-angle ink line on the workpiece that is about 20 mm (25/32") in height and 150 mm (5-29/32") in width. To cut the right side of the ink line with the saw blade as shown in Fig. 18, align the left side of the saw blade with the ink line on the workpiece and make a groove of about 5 mm deep on the workpiece to the middle. Hold the grooved workpiece by the vise as it is and do not move it. (For grooving work, refer to the Instruction Manual "Groove cutting procedures.") Light up the laser marker. Turn the adjuster to align the laser line with the ink line. (Turning the adjuster clockwise will shift the laser line position to the right and turning counterclockwise will shift to the left.) (Fig. 19)

Thus the cutting position matches the laser line position. Align the ink line on the workpiece with the laser line. When aligning the ink line, slide the workpiece little by little and secure it by vise at a position where the laser line overlaps with the ink line (Fig. 20). Work on the grooving again and check the position of the laser line. When the ink line and the laser line are overlapped, the strength and weakness of light will change, resulting in a stable cutting operation because you can easily discern the conformity of lines. This ensures the minimum cutting errors.



#### **WARNING:**

- Make sure before plugging the power plug into the receptacle that the main body and the laser marker are turned off.
- Exercise utmost caution in handling a switch trigger for the position adjustment of the laser line, as the power plug is plugged into the receptacle during operation. If the switch trigger is pulled inadvertently, the saw blade can rotate and result in unexpected accidents.
- Do not remove the laser marker to be used for other purposes.

#### **CAUTION:**

- Laser radiation - Do not stare into beam.
- Laser radiation on work table - Do not stare into beam.  
If your eye is exposed directly to the laser beam, it can be hurt.
- Do not dismantle it.
- Do not give strong impact to the laser marker (main body of tool); otherwise, the position of a laser line can go out of order, resulting in the damage of the laser marker as well as a shortened service life.
- Keep the laser marker lit only during a cutting operation. Prolonged lighting of the laser marker can result in a shortened service life.

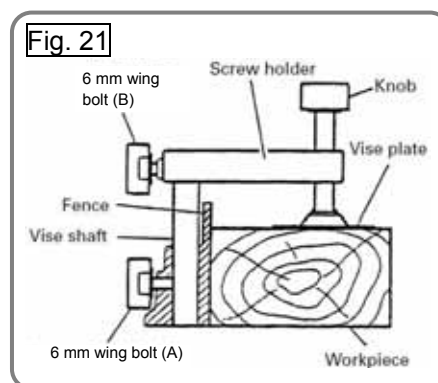
#### **NOTE:**

- Perform cutting by overlapping the ink line with the laser line. When the ink line and the laser line are overlapped, the strength and weakness of light will change, resulting in a stable cutting operation because you can easily discern the conformity of lines. This ensures the minimum cutting errors.
- In outdoor or near-the-window operations, it may become difficult to observe the laser line due to the sunlight. Under such circumstances, move to a place that is not directly under the sunlight and engage in the operation.
- Do not tug on the cord behind the motor head or hook your finger, wood and the like around it; otherwise, the cord may come off and the laser marker may not be lit up.

Instruct the above precautions on the laser marker to the customers.

## 4. How to use the vise assembly

- (1) The vise assembly can be mounted on either the left fence (fence (B)) or the right fence (fence (A)) by loosening 6 mm wing bolt (A).
- (2) The screw holder can be raised or lowered according to the height of the workpiece by loosening 6 mm wing bolt (B). After the adjustment, firmly tighten 6 mm wing bolt (B) and fix the screw holder.
- (3) Turn the upper knob and securely fix the workpiece in position (Fig. 21).



**WARNING:** Always firmly clamp or vise to secure the workpiece to the fence; otherwise the workpiece might be thrust from the table and cause bodily harm.

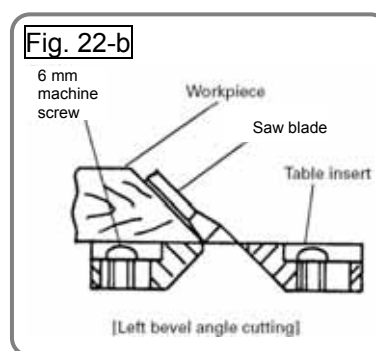
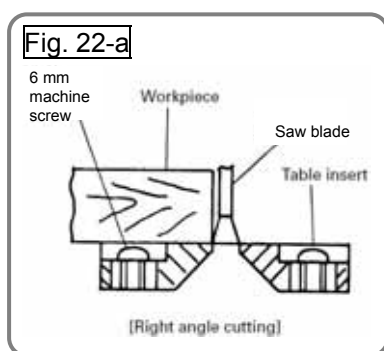
**CAUTION:** Always confirm that the motor head does not contact the vise assembly when it is lowered for cutting. If there is any danger that it may do so, loosen 6 mm wing bolt (B) and move the vise assembly to a position where it will not contact the saw blade.

## 5. Adjustment of table insert position

The table inserts are installed on the turn table. When the machine is shipped from the factory, the table inserts are positioned so that there is no chance that the saw blade will come in contact with either side of the saw blade slot even if the machine is used for 45° bevel cutting. Before operating the machine, adjust the position of the table inserts so that the sides of the saw blade align with the edges of the table inserts according to the following procedure.

First, loosen the three 6-mm machine screws that fasten the table inserts, and temporarily tighten the two outside screws (front and back). Next, clamp a workpiece (about 200 mm (7-7/8") wide) with the vise assembly and cut the workpiece. Align the cutting surfaces with the table inserts as shown in Figs. 22-a and b, and securely tighten the front and back 6-mm machine screws. Finally, remove the workpiece and securely tighten the middle 6-mm machine screw.

If adjustment is done as described, workpieces can be cut precisely by aligning the appropriate side edge of the table inserts with the ink line on the workpiece. Adjust the table inserts as necessary for the type of cutting desired (right-angle or left bevel cutting).



## 6. Cutting operation

(1) Cutting efficiency will be reduced if a dull saw blade is used, if an excessively long extension cord is used, or if the wire gauge of the extension cord is too small. (For details, refer to the Instruction Manual "USE PROPER EXTENSION CORD.") This is particularly important when cutting materials with dimensions which are at or near the maximum capacity for the machine.

(2) The customer should be advised to thoroughly inspect the workpiece to ensure that there are no metallic objects (nails in particular), sand, or other foreign matter in or on the workpiece. Contacting such foreign matter will not only shorten the service life of the saw blade, but could cause serious accident. Should the saw blade tips be broken off, the tips may fly toward the operator.

### (3) Press cutting (③ in Fig. 23)

The Models C 8FSE/C 8FSHE can be used for press cutting of workpieces up to 65 mm square in a single operation by simply pushing the saw blade section ③ downward in the same manner as the Model C 8FB2. Slide the hinge to the end of holder (A) and tighten the slide securing knob securely.

### CAUTION: (For Europe and Australia)

**This slide compound miter saw is equipped with a saw head lock as a safety device.**

**To lower the saw head to cut, the lock must be released by pressing the lock lever with your thumb.**

### (4) Slide cutting (① to ⑤ in Fig. 23)

Slide cutting procedures and precautions are described below.

① Loosen the slide securing knob.

② Grip the handle and pull the saw blade section in the arrow direction (toward the operator).

③ Push the handle downward and cut the workpiece (press cutting).

(For Europe and Australia)

Push the handle downward while holding down the lock lever with your thumb and cut the workpiece.

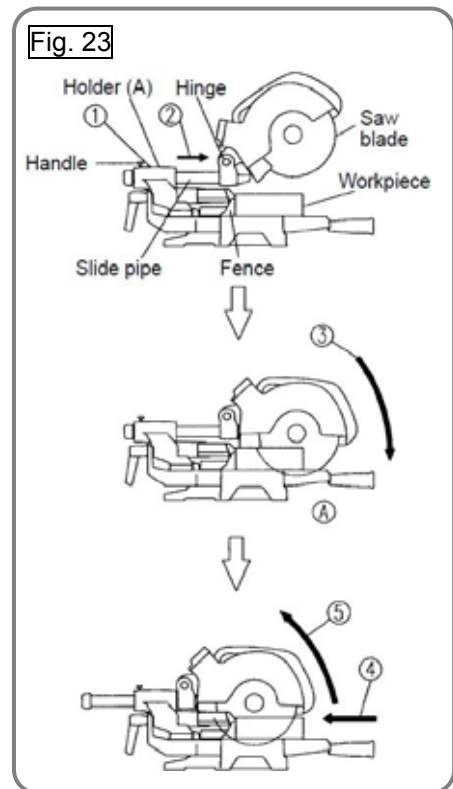
**CAUTION: If the handle is pushed down forcibly and excessively fast, it could cause the saw blade vibration and partial sliding which would leave unwanted cutting marks on the workpiece. Instruct the customer to slowly and carefully press down the handle.**

④ While pressing down on the handle, slide the saw blade section in the arrow direction and cut the workpiece.

**CAUTION: Interrupting the cutting operation partway through the material or sliding the saw blade section in a jerky manner will produce unwanted cutting marks similar to those described in ③ above. As a guide, instruct the customer to cut a workpiece of 30 mm (1-3/16") high and 300 mm (11-7/8") wide in 10 to 15 seconds.**

Carefully instruct the customer never, ever to perform slide cutting in the direction toward the operator (reverse direction of the above). Such operation is extremely hazardous, as the saw blade could ride up over the workpiece and cause the saw blade section to kick upward unexpectedly, causing possible serious injury. Instruct the customer to always slide the saw blade section toward the fence while cutting, as shown by the arrow ④ in Fig. 23.

⑤ On completion of the cutting operation, turn the switch off and wait for the saw blade to come to a complete stop before raising the handle to its original position. Raising the handle while the saw blade is still rotating may cause unwanted cutting marks on the workpiece.



**NOTE:**

**Techniques to avoid unwanted cutting marks**

Uneven and unwanted cutting marks can be avoided by shifting from ③ press cutting to ④ slide cutting in a single, uninterrupted motion.

**Techniques to avoid burnt marks**

Burnt marks can be avoided by shifting from ③ press cutting to ④ slide cutting in a single, uninterrupted motion in the same manner as the above, applying a slight lateral force toward the cut-off side. Advise the customer that he or she will quickly develop a "feel" and skill for smooth cutting after performing two or three practice cutting operations.

(5) **Miter cutting**

Miter cutting is accomplished by turning the turn table. (For details, please refer to the Instruction Manual "Miter cutting procedures.")

(6) **Bevel cutting**

Bevel cutting of 0 - 45° to the left or 0 - 5° to the right is accomplished by inclining the motor head section. (For details, refer to the Instruction Manual "Bevel cutting procedures.")

**WARNING:** When the workpiece is secured on the left or right side of the blade, the short cut-off portion will come to rest on the right or left side of the saw blade. Always turn the power off and let the saw blade stop completely before raising the handle from the workpiece. If the handle is raised while the saw blade is still rotating, the cut-off piece may become jammed against the saw blade causing fragments to scatter about dangerously. When stopping the bevel cutting operation halfway, start cutting after pulling back the motor head to the initial position. Starting from halfway, without pulling back, causes the safety cover to be caught in the cutting groove of the workpiece and to contact the saw blade.

**CAUTION:** When cutting a workpiece of 50 mm (1-15/16") height in the left 45° bevel cutting position or a workpiece of 70 mm (2-3/4") height in the right 5° bevel cutting position, adjust the lower limit position of the motor head so that the gap between the lower edge of the motor head and the workpiece will be 2 to 3 mm (5/64" to 1/8") at the lower limit position (refer to the Instruction Manual "Checking the saw blade lower limit position").

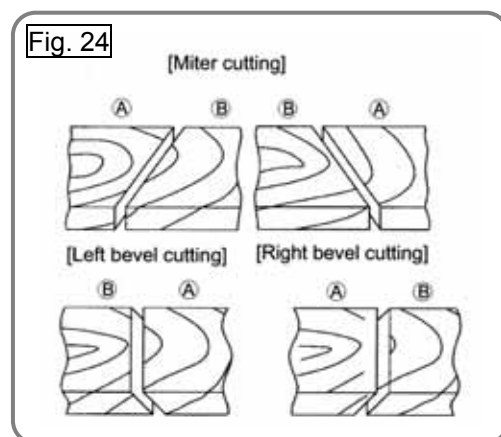
(7) **Compound (miter + bevel) cutting**

Compound (miter + bevel) cutting can be accomplished by combining the miter cutting and bevel cutting operations described in paragraphs (5) and (6) above. (For details, refer to the Instruction Manual "Compound cutting procedures.") When the saw blade is inclined 45° to the left, the turn table can be turned up to 45° to the left and right.

(8) **Cut surface quality during miter/bevel cutting**

The quality of the cut surface depends on the type of cutting operation (miter or bevel), the type and sharpness of the saw blade, whether the workpiece is cut to the left or right, and various other factors. In miter and bevel cutting in particular, cutting is performed across the wood grain, so the condition of the cut surface depends on whether the wood is cut with or against the grain. This is the same as when using electric portable planers. Customers should be advised of these phenomena so that they understand that in cases when the cut surface may not be as smooth as expected or hoped for, it is not caused by the performance of the saw blade or the Models C 8FSE/C 8FSHE.

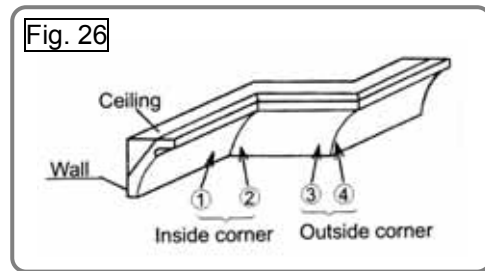
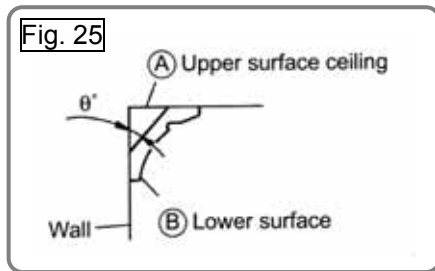
In the cutting examples illustrated in Fig. 24, the cut surfaces on the sides marked (A) (cut with the



grain) are better than those on the sides marked (B).

(9) Crown molding cutting

This machine can cut two types of crown molding workpieces by combining the miter and bevel cutting operations. Figure 25 shows two common crown molding types having angles of (θ) 38° and 45°. For the typical crown molding fittings, see Fig. 26.



The table below shows the miter angle and the bevel angle settings that are ideal for the two crown molding types.

**NOTE : For convenience, positive stops are provided for the miter setting (left and right 31.6°) positions.**

For miter cut setting

If the turn table has been set to either of the angles described, move the turn table adjusting side handle a little to the right and left to stabilize the position and to properly align the miter scale and the tip of the indicator before the operation starts.

For bevel cut setting

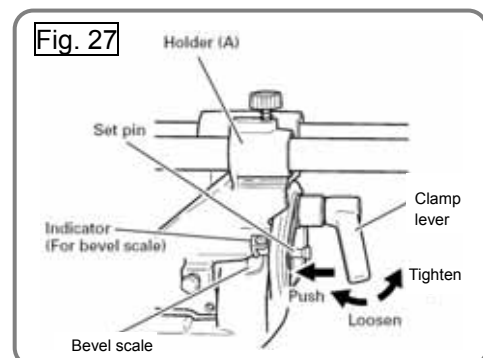
Move handle on miter section to the right and left and check that the position is stable and the angle scale and the tip of the indicator are properly aligned. Then tighten the clamp lever.

**Table 8**

Type of crown molding	To process crown molding at positions ① and ④ in Fig. 26.		To process crown molding at positions ② and ③ in Fig. 26.	
	Miter angle setting	Bevel angle setting	Miter angle setting	Bevel angle setting
45° type	Right 35.3° ( ↓ mark)	Left 30° ( ↓ mark)	Left 35.3° ( ↓ mark)	Left 30° ( ↓ mark)
38° type	Right 31.6° ( ↓ mark)	Left 33.9° ( ↓ mark)	Left 31.6° ( ↓ mark)	Left 33.9° ( ↓ mark)

30° and 33.9° left slant setting method

- ① Loosen the clamp lever and slant to the left a little at a time while pushing the set pin into the main unit. At this time, the set pin will enter one step and fit into the 30° left slant and 33.9° left slant setting slots.
- ② With the set pin in the slot as described above, setting to the 30° left slant position is possible by pushing to the right side.
- ③ Also, with the set pin in the slot as described above, setting to the 33.9° left slant position is possible by pushing to the left side.
- ④ Look at the bevel scale and indicator to recheck whether or not the settings match and then tighten the clamp lever.



(1) Setting to cut crown moldings at positions ① and ④ in Fig. 26 (see Fig. 28; tilt the head to the left):

- ① Turn the turn table to the right and set the miter angle as follows:

- \* For 45° type crown moldings: 35.3° ( ↓ mark)
- \* For 38° type crown moldings: 31.6° ( ↓ mark)



②Tilt the motor head to the left and set the bevel angle as follows:

\* For 45° type crown moldings: 30° ( ↓ mark)

\* For 38° type crown moldings: 33.9° ( ↓ mark)

③Position the crown molding so that the upper surface (A in Fig. 25) contacts the fence as indicated in Fig. 30.

(2) Setting to cut crown moldings at positions ② and ③ in Fig. 26 (see Fig. 29; tilt the head to the left):

①Turn the turn table to the left and set the miter angle as follows:

\* For 45° type crown moldings: 35.3° ( ↓ mark)

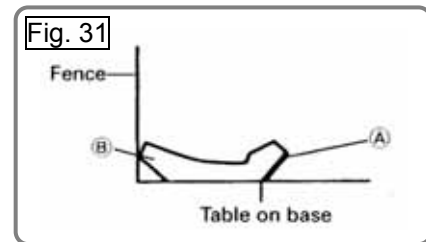
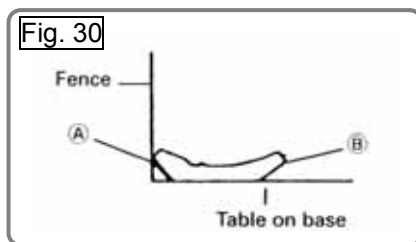
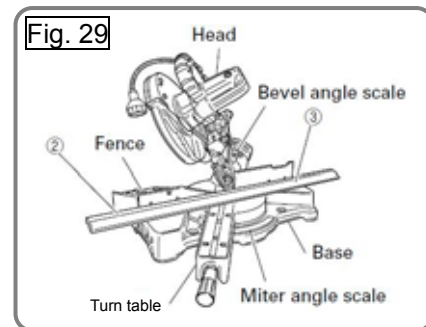
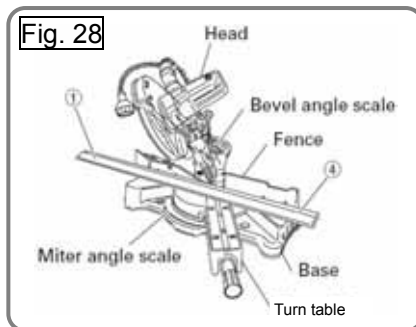
\* For 38° type crown moldings: 31.6° ( ↓ mark)

②Tilt the head to the left and set the bevel angle as follows:

\* For 45° type crown moldings: 30° ( ↓ mark)

\* For 38° type crown moldings: 33.9° ( ↓ mark)

③Position the crown molding so that the lower surface (B in Fig. 25) contacts the fence as shown in Fig. 31.



Cutting method of crown molding without tilting the saw blade

(1) Crown molding stoppers (L) and (R) (optional accessories) allow easier cuts of crown molding without tilting the saw blade. Mount them to both sides the base as shown in Fig. 32-a. After mounting, tighten the 6 mm knob bolts to secure the crown molding stoppers.

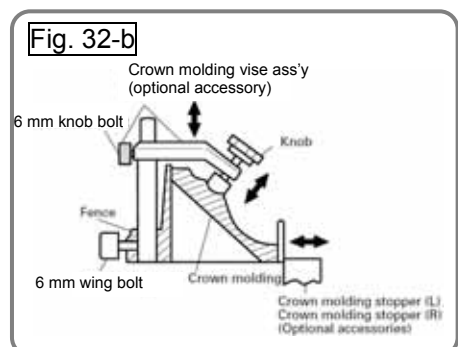
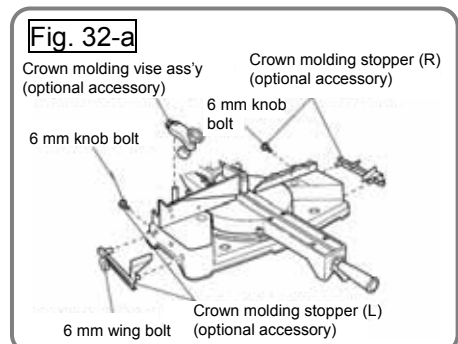
[Optional accessories used]

- Crown molding vise ass'y (including crown molding stopper (L))
- Crown molding stopper (L)
- Crown molding stopper (R)

(2) The crown molding vise (B) (optional accessory) can be mounted on either the left fence (fence (B)) or the right fence (fence (A)). It can unite with the slope of the crown molding and the vise can be pressed down.

Then turn the upper knob, as necessary, to securely attach the crown molding in position. To raise or lower the vise assembly, first loosen the 6 mm knob bolt.

After adjusting the height, firmly tighten the 6 mm wing bolt; then turn the upper knob, as necessary, to securely attach the crown molding in position. (see Fig. 32-b)



**WARNING:** Always firmly clamp or vise to secure the crown molding to the fence; otherwise the crown molding might be thrust from the table and cause bodily harm.  
Do not perform bevel cutting. The main body or the saw blade may contact the sub fence, resulting in an injury.

**CAUTION:** Always confirm that the motor head does not contact the crown molding vise ass'y when it is lowered for cutting. If there is any danger that it may do so, loosen the 6 mm knob bolt and move the crown molding vise ass'y to a position where it will not contact the saw blade.

Position crown molding with its WALL CONTACT EDGE against the guide fence and its CEILING CONTACT EDGE against the crown molding stoppers as shown in Fig. 32-b. Adjust the crown molding stoppers according to the size of the crown molding. Tighten the 6 mm wing bolt to secure the crown molding stoppers. Refer to the following table for the miter angle.

**Table 9**

	Position in Fig. 26	Miter angle	Finished piece
For inside corner	①	Right 45°	Save the right side of blade
	②	Left 45°	Save the left side of blade
For outside corner	③		Save the right side of blade
	④	Right 45°	Save the left side of blade

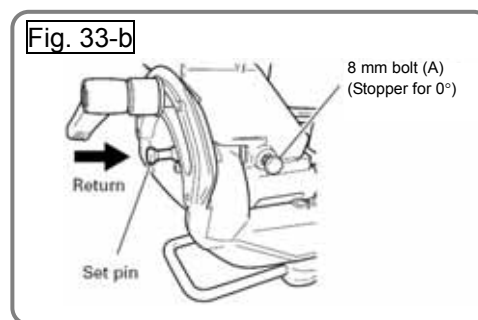
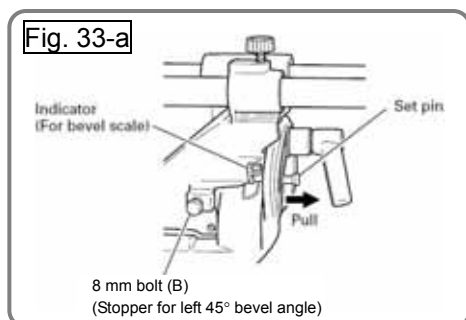
# ADJUSTMENT OF COMPONENTS

## 1. Bevel angle adjustment

Before shipping from the factory, the height of 8-mm bolts (A) and (B) is adjusted so that the saw blade section (head) will stop at 0° (right angle), and 45° to the left. To change the head stop positions, instruct the customer to adjust the height of 8-mm bolts (A) and (B) by turning them.

### CAUTION:

**If there is any clearance between the tip of 8-mm bolt (A) (stopper for 0°) and the fixing pin, the angle of the saw blade relative to the upper surface of the turn table may not be an exact right angle. (8-mm bolts (A) and (B) are located at the holder (A).) Press down on holder (A) and lock it in position with the clamp lever so that there is no clearance between the fixing pin and 8-mm bolt (A).**



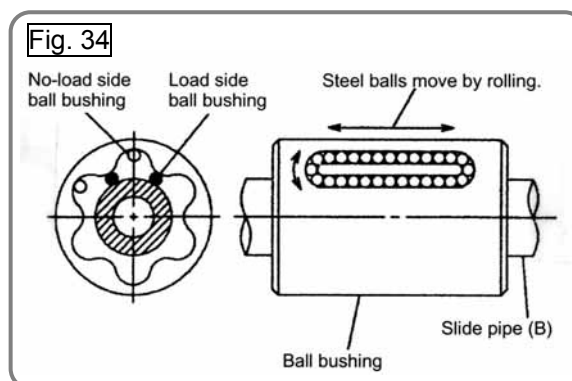
## 2. Ball bushing (Linear bearing)

### (1) Structure of the ball bushing

The ball bushing is commonly called a linear ball bearing. Inside the bearing is elongated guide grooves in which steel balls circulate and roll when a load is applied. (as indicated by the arrow marks in Fig. 34). This type of device is widely used in automated machine tools. The advantage of the ball bushing is that its friction coefficient remains largely unchanged even when the load is increased, ensuring smooth sliding movement.

In addition, slide pipe (B), made of bearing steel and heat treated to a high degree of hardness (HRC 62 to 65), is highly resistant to wear.

Sales persons should have a good understanding of the structure and rugged characteristics of this exceptional mechanism to enhance sales promotion.



### (2) Lubrication

If it is necessary to replace the ball bushing, apply approximately 2 grams (0.1 oz) of grease (Nippeco SEP 3A) on the steel balls and within the guide grooves of the new ball bushing. If grease is not applied, it will shorten the service life of the ball bushing, and subsequent abrasive contact between the steel balls and slide pipe (B) will cause abnormal noise during slide cutting operations. Customers should be instructed to thoroughly remove sawdust and other foreign matter from slide pipe (A) and slide pipe (B) and liberally coat them with machine oil at least once a month.

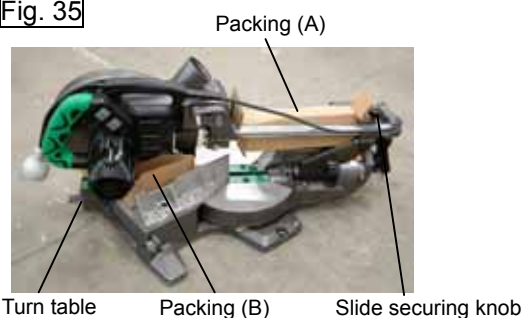
# PACKING

## (1) How to install packings (A) and (B)

Remove the dust bag from the main body. Slide the head section toward the operator and insert packing (A) between the slide pipe, hinge and holder (A). Push the head back and secure the slide in position with packing (A) inserted by means of the slide securing knob.

Turn the turn table to the right 57° and remove the side handle. Place packing (B) under the head and push the head down. Insert the locking pin while pressing packing (B) to secure the head section in position (Fig. 35).

Fig. 35



## (2) How to install packings (C) and (D)

Put the main body mounted with packings (A) and (B) in the carton box aligning with the base packing and the inner frame (Fig. 36).

Put packing (C) in the left side of the carton box on the top of holder (A).

Put packing (D) in the right side of the carton box on the top of the switch handle.

Place the accessories in the space at the rear of the base (Fig. 37).

Fig. 36



Fig. 37



## (3) How to install top packing (E)

Insert packing (E) in packings (C) and (D).

Close the lids of the carton box and bind them together (Fig. 38).

Fig. 38



## REPAIR GUIDE

Before attempting disassembly or reassembly, ensure without fail that the switch is turned off and the plug is disconnected from the power source outlet.

### 1. Precautions in disassembly and reassembly

Special attention in disassembly should be given to the following items. The circled numbers in the figures and the **[Bold]** numbers in the descriptions below correspond to the item numbers in the parts list and exploded assembly diagram of the Model C 8FSHE. For the Model C 8FSE, refer to the parts list separately.

\* Be sure to first disconnect the power plug when performing disassembly or replacement of the saw blade.  
[Only the Model C 8FSHE]

Do not stare into the laser emitting aperture during disassembly and reassembly of the laser marker. Do not observe beam directly with an optical instrument. Use of controls or adjustments or performance of procedures other than those specified in this TECHNICAL DATA AND SERVICE MANUAL and the Instruction Manual may result in hazardous radiation exposure.

## Disassembly

### 1. Turn table and base ass'y

- (1) Remove the Tapping Screw (W/Flange) D5 x 25 (Black) **[122]** and then remove the Guard Ass'y **[125]**.
- (2) Hold the Nylon Nut M6 **[48]** with a 10-mm wrench and remove the Flat Hd. Screw M6 x 25 **[51]** then remove the Sub Fence **[50]** and the Plate **[49]**.
- (3) Remove the four Bolts M8 x 35 **[43]**, Spring Washer M8 **[44]** and Bolt Washer M8 **[45]**. And then remove Fence (A) **[55]** and Fence (B) **[47]**.
- (4) Loosen the Clamp Lever **[2]** and remove the Machine Screw (W/Washers) M4 x 12 (Black) **[1]**. Turn the Bolt (Left Hand) D10 **[3]** to remove from Holder (A) **[124]**.
- (5) Remove the Hex. Socket Set Screw M6 x 8 **[121]** and tap the end of Hinge Shaft (A) **[9]** with a flat-blade screwdriver and a hammer to remove it from the Turn Table **[13]**. This enables to remove the head and the slide mounted on Holder (A) **[124]** together from the Turn Table **[13]**.
- (6) Remove Shaft (B) **[14]** and remove the Turn Table **[13]** from the Base Ass'y **[56]**.
- (7) Remove the Side Handle **[23]** and Retaining Ring (E-Type) for D5 Shaft **[22]**. Then pull out Shaft (A) **[21]**.
- (8) Remove the Machine Screw M4 x 8 **[7]**. Then Spring (E) **[30]**, Stopper (A) **[31]** and Pin Cover **[34]** can be removed from the Turn Table **[13]**.
- (9) Remove the Seal Lock Hex. Socket Set Screw M6 x 6 **[29]** and pull out the Lever Shaft **[24]**. Then the Lever **[25]** and Spring (D) **[26]** can be removed. Shaft (C) **[28]**, Cover (B) **[32]** and Thrust Washer **[33]** can be removed from the Turn Table **[13]** by removing the Machine Screw M4 x 8 **[7]**.
- (10) Remove each mounting screw of Spacer (A) **[20]** and the Table Insert **[19]** to remove Spacer (A) **[20]** and the Table Insert **[19]** from the Turn Table **[13]**.
- (11) Pull out four Base Rubbers **[57]** from the Base Ass'y **[56]**.

Fig. 39-a

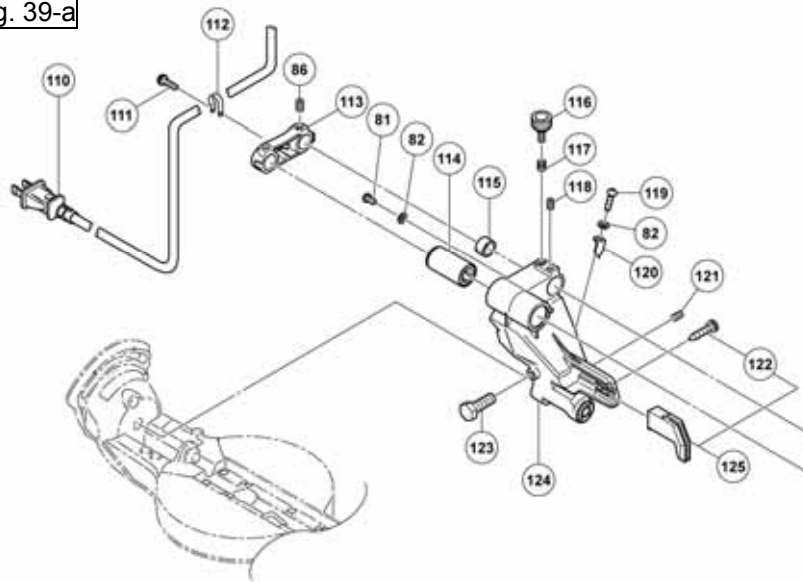
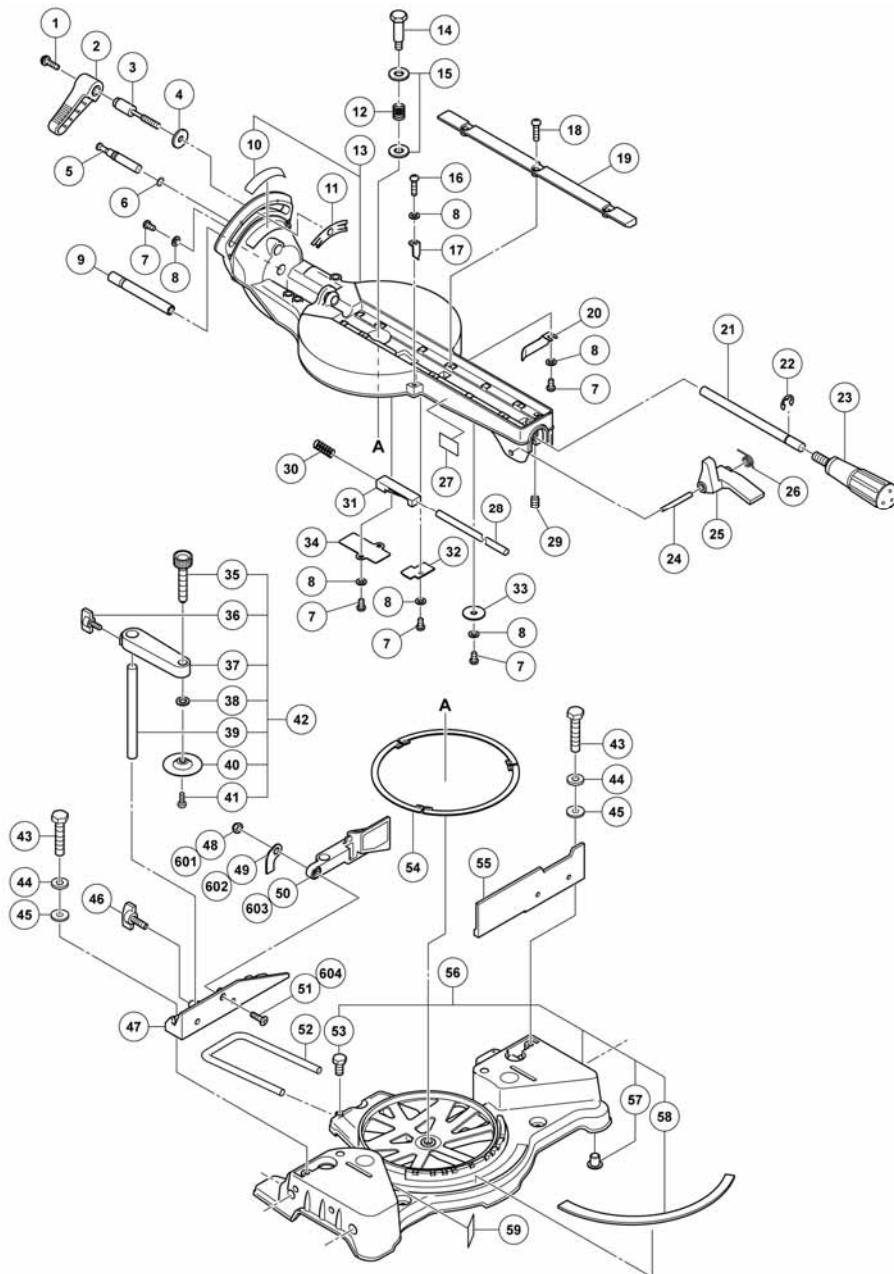


Fig. 39-b

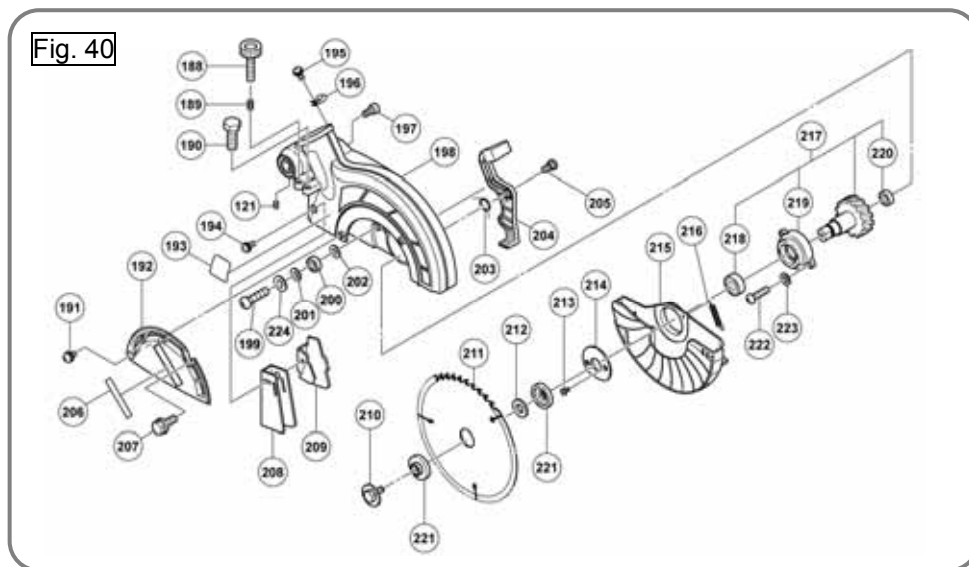


## 2. Lower guard, link, spindle ass'y and dust guide

- (1) Remove the Bolt (W/Washers) M6 x 16 (Black) [207] and the Machine Screws (W/Washers) M5 x 8 [191] with the Box Wrench 10 mm [501]. Remove the Spindle Cover [192] from the Gear Case [198].
- (2) Remove the Bolt (Left Hand) W/Washer M7 x 17.5 [210] with the Box Wrench 10 mm [501]. Remove Washer (D) [221], TCT Saw Blade [211] and Washer (D) [221] in this order from the Spindle Ass'y [217].
- (3) Remove the two Flat Hd. Screws M4 x 10 [213]. Remove the Cover [214] and the Lower Guard [215] from the Bearing Holder [219].

**NOTE: Be sure to release the hook of the Return Spring [216] from the groove of the Lower Guard [215] then remove the Lower Guard [215] from the Bearing Holder [219].**

- (4) Remove the Machine Screw M5 x 12 [89] then remove the Spacer [90] and the Link [91] from Hinge (A) Ass'y [87].
- (5) Remove the two Machine Screws M5 x 20 [222] and then remove the Spindle Ass'y [217] by gently hammering the Gear Case [198] with a plastic hammer.
- (6) Remove the Machine Screws (W/Washers) M4 x 12 (Black) [194] and then remove the Dust Guide [208] and the Guide Holder [209].



## 3. Spring, support, hinge ass'y, ball bushing, bushing, holder (A) and gear case

- (1) Remove the Machine Screw (W/Washers) M4 x 12 (Black) [111] to remove the Nylon Clip [112]. Remove the Machine Screw (W/Washers) M4 x 12 (Black) [195] and remove the Nylon Clip [196] from the Gear Case [198] (head).
- (2) Push out the Cord Bush [154] from the inside of the Housing Ass'y [155]. Disconnect the connector of the Switching Power Supply Ass'y [165] and the Laser Marker [107]. Open the Cord Bush [154] to remove it from the cord of the Laser Marker [107].
- (3) Remove the Seal Lock Hex. Socket Hd. Bolt M5 x 10 [197].

**NOTE: The Seal Lock Hex. Socket Hd. Bolt M5 x 10 [197] acts as the upper limit stopper of the Gear Case [198] (head). Be careful that the Gear Case [198] (head) is raised by the force of the Spring [85] when the Seal Lock Hex. Socket Hd. Bolt M5 x 10 [197] is removed.**

- (4) Remove the Hex. Socket Set Screw M6 x 8 [121]. Make a flat-blade screwdriver contact with the end surface of Hinge Shaft (A) [92] and lightly tap the screwdriver with a plastic hammer to remove Hinge Shaft (A) [92].

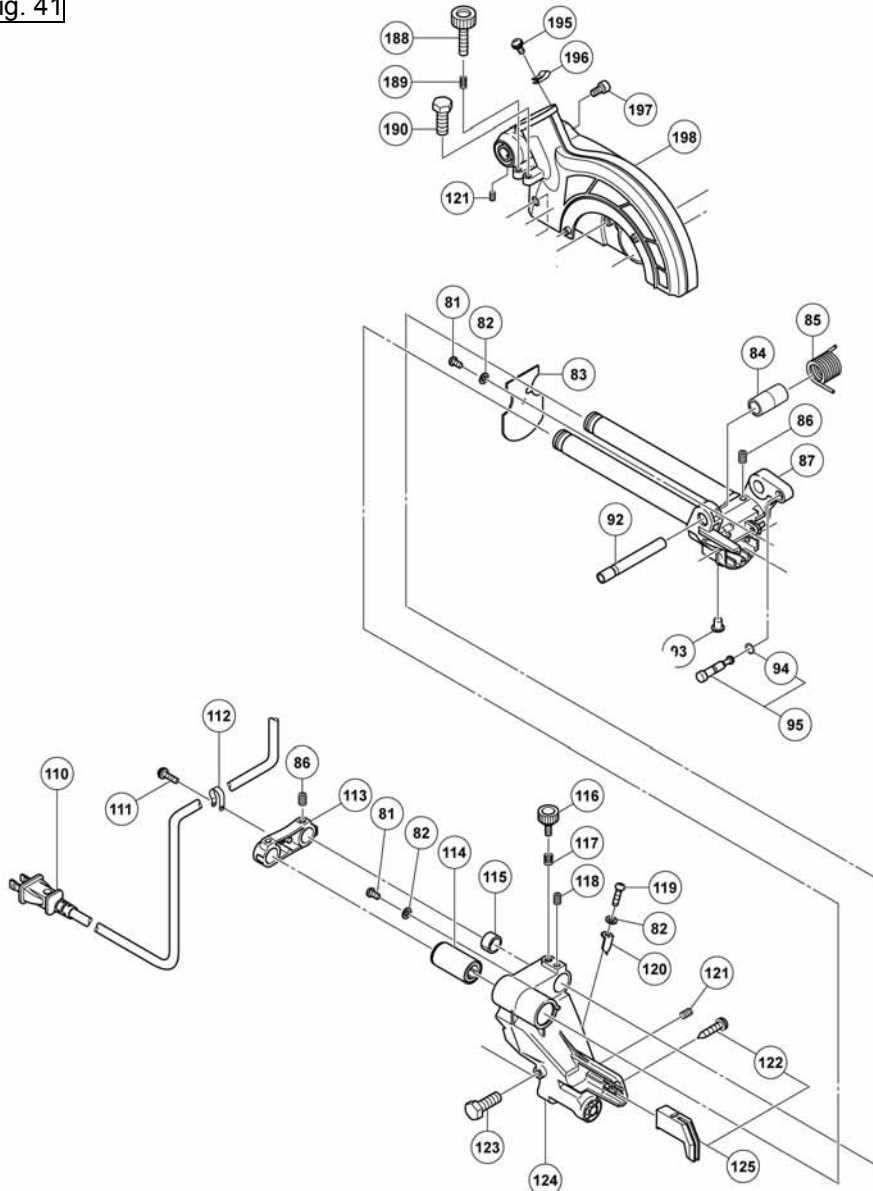
**NOTE: Be sure to hold the Gear Case [198] (head) with hand during disassembly to prevent the Gear Case [198] (head) from being dropped when removing Hinge Shaft (A) [92] from the hole of the Gear Case [198] (head). Then the Spring [85] and the Sleeve [84] can be removed from the Gear Case [198] (head).**

- (5) Remove the two Hex. Socket Set Screws M8 x 10 [86]. Then gently hammer the Support [113] outward and remove it from slide pipes (A) and (B).

- (6) Remove the Knob Bolt M6 x 25 [116] and the Lock Spring [117]. Remove Hinge (A) Ass'y [87] from Holder (A) [124] by sliding Hinge (A) Ass'y [87].
- (7) Remove the Machine Screw M4 x 8 [81]. Lightly tap the end surface of Holder (A) [124] with a plastic hammer to remove the Ball Bushing [114].
- (8) Remove the Seal Lock Hex. Socket Set Screw M6 x 10 [118] from Holder (A) [124]. Remove the Bushing [115] from Holder (A) [124].

**NOTE: Prepare a shaft of 25 mm in diameter and 50 mm in length. Make the shaft contact with the end surface of the Bushing [115] and lightly tap the shaft with a plastic hammer to remove the Bushing [115] from Holder (A) [124].**

Fig. 41

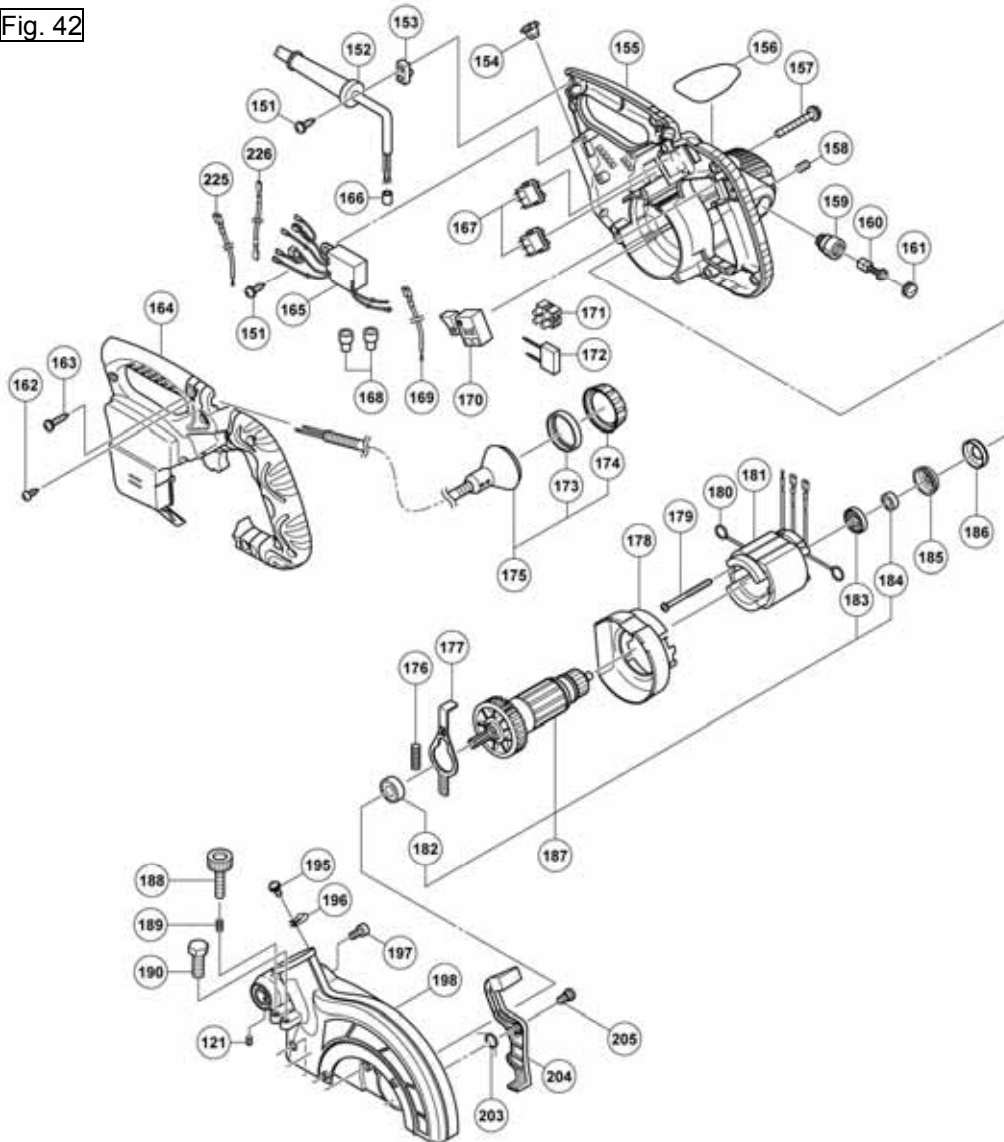




#### 4. Armature ass'y and lock lever

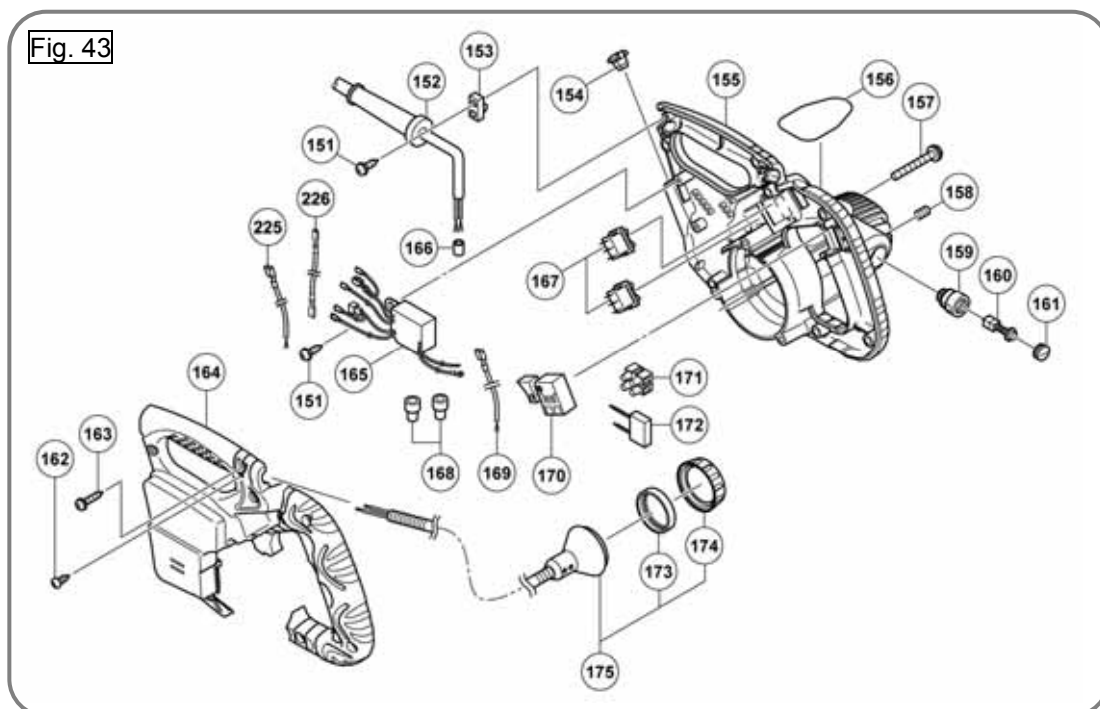
- (1) Remove the Brush Cap [161] and the Carbon Brush [160].
- (2) Removing the three Machine Screws (W/Washers) M5 x 40 (Black) [157] allows you to remove the Housing Ass'y [155] together with the Handle Cover [164] from the Gear Case [198].
- (3) Remove the Lock Lever [177] and the Spring [176].
- (4) Remove the two Special Screws M6 [205] and remove the Lock Lever [204] and the Lock Lever Spring [203].
- (5) Disassembly of the Armature Ass'y [187]
  - (a) Remove the Housing Ass'y [155] from the Gear Case [198] according to the above step 4-(1)(2). If the Rubber Bushing [186] stays in the Housing Ass'y [155], remove it with long nose pliers.
  - (b) Remove the Armature Ass'y [187] by gently hammering the Gear Case [198] with a plastic hammer.

Fig. 42



### 5. Handle cover, switch, light, cord, stator ass'y and housing ass'y

- (1) Remove the motor section according to the above step 4-(1)(2).
- (2) Remove the seven Tapping Screws (W/Flange) D4 x 20 (Black) **[163]** and remove the Handle Cover **[164]**.
- (3) Disconnect the connectors of the Switching Power Supply Ass'y **[165]** and Light (H) Ass'y **[175]** and remove Light (H) Ass'y **[175]**.
- (4) Turn Cap (A) **[174]** and remove it, then you can remove the Clear Cover **[173]**.
- (5) (For the U.S.A. and Canada)  
Cut off the two Connectors **[168]** that are crimped onto the internal wires coming from the Stator Ass'y **[181]** and the Switch (3P Faston Type) W/O Lock **[170]**.  
(Except for the U.S.A. and Canada)  
Loosen the screw of Pillar Terminal(A) **[171]** with a flatblade screwdriver and disconnect the internal wires.
- (6) Removal of the Switch (3P Faston Type) W/O Lock **[170]**:
  - (a) Remove the Handle Cover **[164]** from the Housing Ass'y **[155]** according to the above step 5-(1)(2). Then the Switch (3P Faston Type) W/O Lock **[170]** can be removed.
  - (b) The Stator Ass'y **[181]** and Internal Wire (G) **[169]** are provided with a claw to prevent coming off of the connector. When removing the Stator Ass'y **[181]** and Internal Wire (G) **[169]** from the Switch (3P Faston Type) W/O Lock **[170]**, pull out the Stator Ass'y **[181]** and Internal Wire (G) **[169]** while pressing the claw.
- (7) Disconnect the faston of the Switching Power Supply Ass'y **[165]** from the two Switches (W/Cover) **[167]** for the Laser Marker **[107]** and Light (H) Ass'y **[175]**. Push the Switch (W/Cover) **[167]** from the inside of the Housing Ass'y **[155]** and remove the Switch (W/Cover) **[167]**.
- (8) Remove the Tapping Screw (W/Flange) D4 x 16 **[151]** and remove the Switching Power Supply Ass'y **[165]** from the Housing Ass'y **[155]**.
- (9) Removal of the Stator Ass'y **[181]**:
  - (a) Remove the Fan Guide **[178]** from the Housing Ass'y **[155]**.
  - (b) Remove the two Hex. Hd. Tapping Screws D4 x 60 **[179]** that secure the Stator Ass'y **[181]** to the Housing Ass'y **[155]**. Remove the two Brush Terminals **[180]** from the Brush Holder **[159]**.
  - (c) Pull out the Stator Ass'y **[181]** by lightly tapping the Housing Ass'y **[155]** at the surface where the Gear Case **[198]** is mounted with a plastic hammer.
- (10) Remove the two Tapping Screw (W/Flange) D4 x 16 **[151]** and remove the Cord **[110]** and the Cord Armor D10.1 **[152]**.



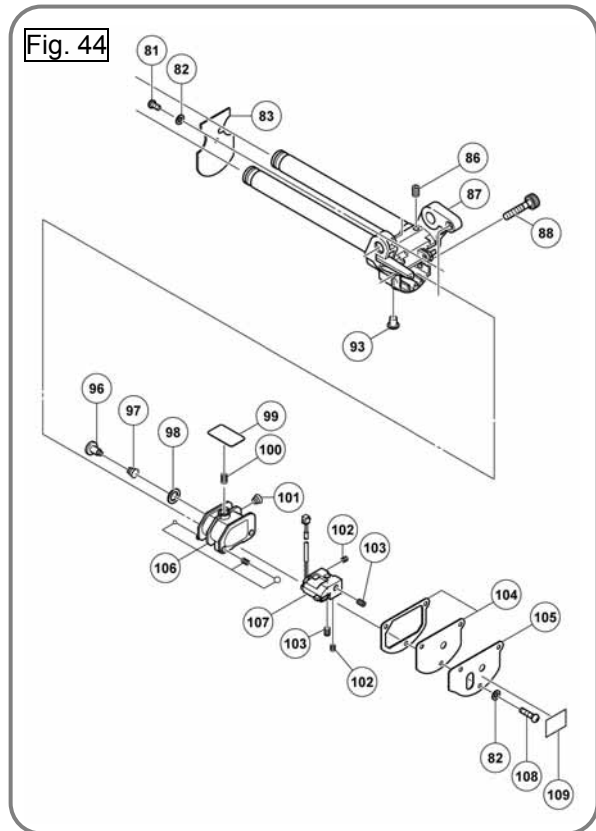
## 6. Laser marker

- (1) Remove the Machine Screw M4 x 8 [81] and remove the Cover [83] from the rear of Hinge (A) Ass'y [87].
- (2) Remove the three Machine Screws M4 x 8 [108] and remove Plate (A) [105] and Cover (A) [104] from Hinge (A) Ass'y [87].
- (3) Remove the Adjuster [88] and push the Clutch Screw [96] from behind Hinge (A) Ass'y [87]. Then Holder (B) [106] can be removed together with the Laser Marker [107].

**NOTE: At this time, the Spring [100] and the Clutch Spring [101] pop out. Be careful not to lose them.**

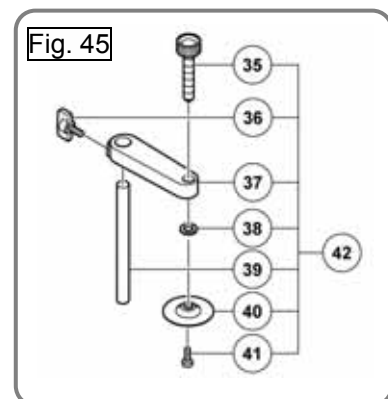
- (4) Remove the Clutch Screw [96]. Then the Laser Marker [107] can be removed from Holder (B) [106].

**NOTE: At this time, the two Springs [102] pop out. Be careful not to lose them.**



## 7. Vise ass'y

- (1) Remove the Wing Bolt M6 x 15 [36] to remove the Vise Shaft [39].
- (2) Remove the Machine Screw M4 x 10 [41] to remove the Vise Plate [40].
- (3) Remove the Knob Bolt M10 x 66 [35] from the Screw Holder [37].

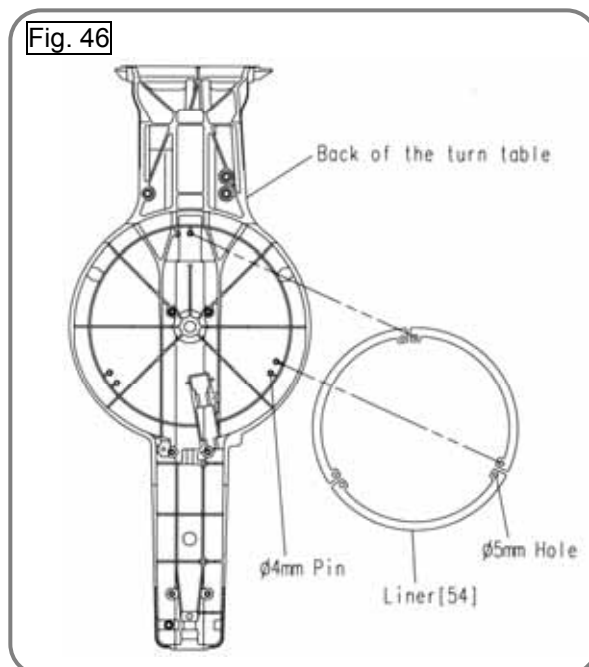


# Reassembly

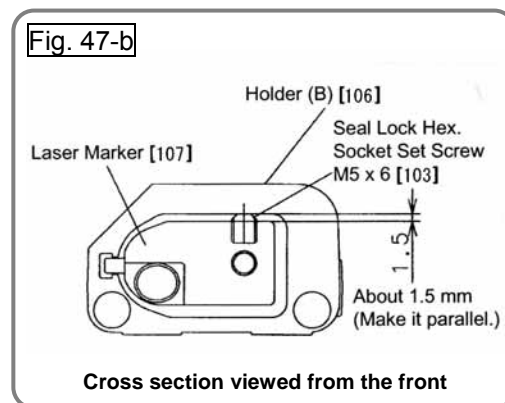
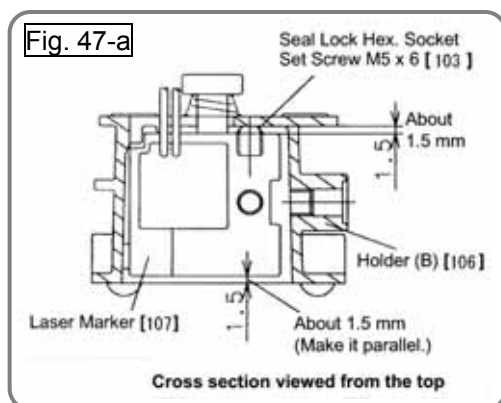
## 1. Special attention

Reassembly can be accomplished by following the disassembly procedures in reverse. However, special attention should be given to the following items.

- (1) Prior to reassembly, measure the insulation resistance of the armature, stator, switch and other electrical components and confirm that the insulation resistance of each part is more than 5 MΩ.
- (2) When replacing the Spring [85], apply 3 grams of Hitachi Motor Grease to the inner circumference of the new spring prior to assembly.
- (3) When replacing or reassembling the Liner [54], ensure that it is positioned and assembled as illustrated in Fig. 46. In addition, coat 10 grams of Hitachi Motor Grease on the liner sliding portion of the Turn Table [13].



- (4) When replacing the Laser Marker [107], screw the two Seal Lock Hex. Socket Set Screws M5 x 6 [103] into the Laser Marker [107]. To adjust the accuracy of the Laser Marker [107] easily, protrude the tips of the two Seal Lock Hex. Socket Set Screws M5 x 6 [103] about 1.5 mm from the Laser Marker [107] using the 2.5-mm hex. bar wrench so that Holder (B) [106] and the Laser Marker [107] become almost parallel as shown in Fig. 47-a and Fig. 47-b. Refer to "Adjustment of Laser Marker Accuracy" for adjustment of the laser marker accuracy.



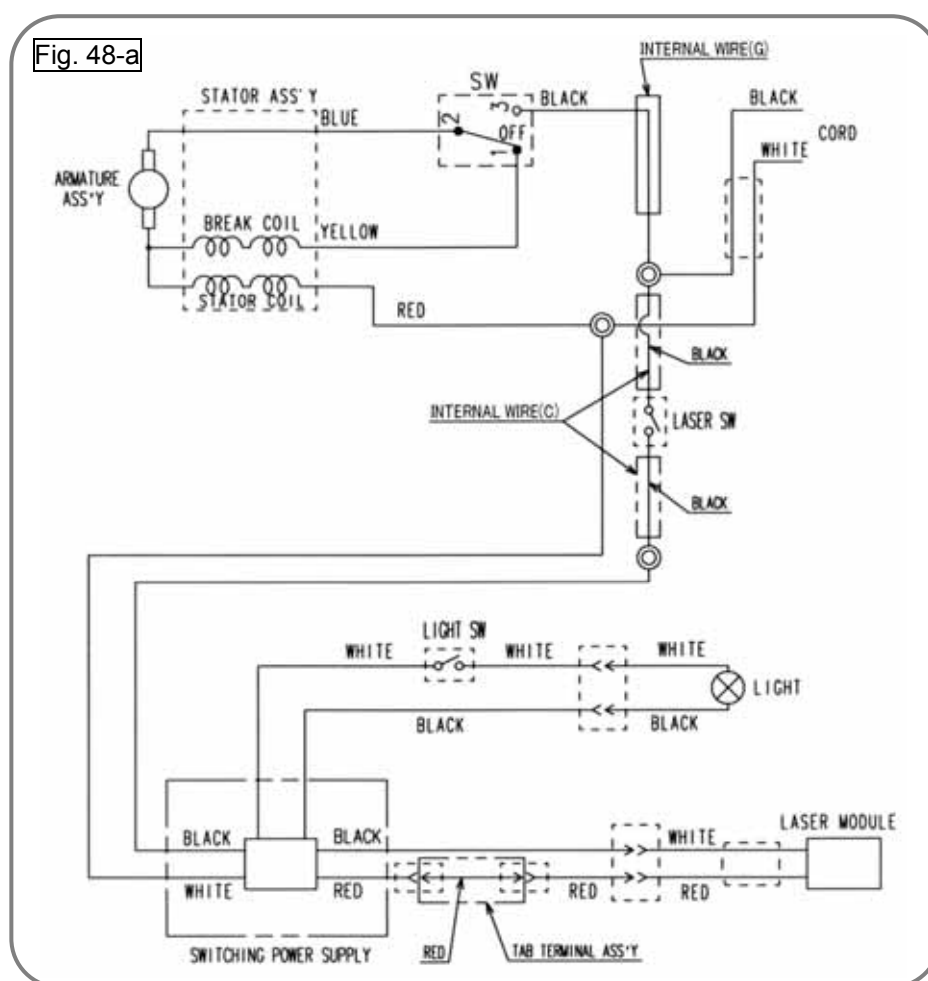
## 2. Wiring diagram

Carefully ensure that wiring is accomplished as illustrated below. As incorrect wiring will result in lack of rotation, reverse rotation or other malfunctions, close attention is absolutely necessary.

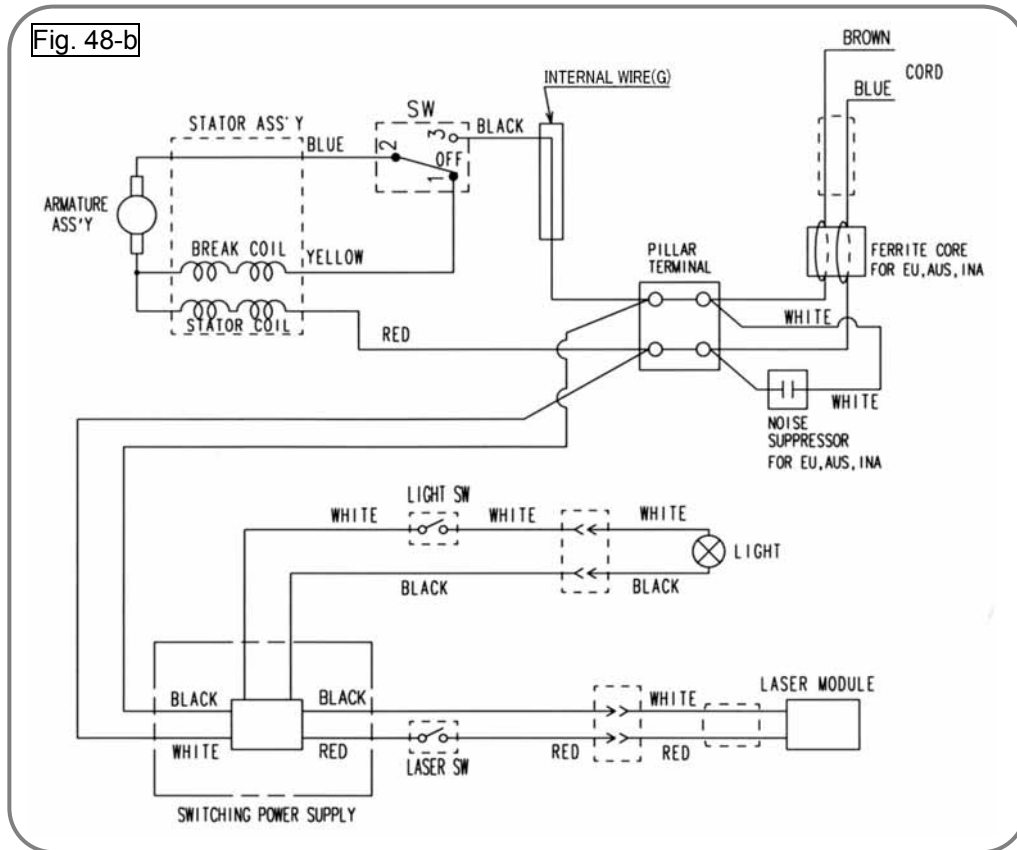
**WARNING:** Be sure to turn off the two Switches (W/Cover) [167] on the side of the Housing Ass'y [155] (Model C 8FSHE) and unplug the power cord plug from the receptacle before replacing the Laser Marker [107] and the Switching Power Supply Ass'y [165]. Do not disconnect the connector that connects the Laser Marker [107] with the Switching Power Supply Ass'y [165] while the Laser Marker [107] is lighting. Otherwise, the Laser Marker [107] may be damaged due to surge (electricity stored in the Switching Power Supply Ass'y [165]). Do not stare into beam while the Laser Marker [107] is lighting.

(1) Wiring diagram

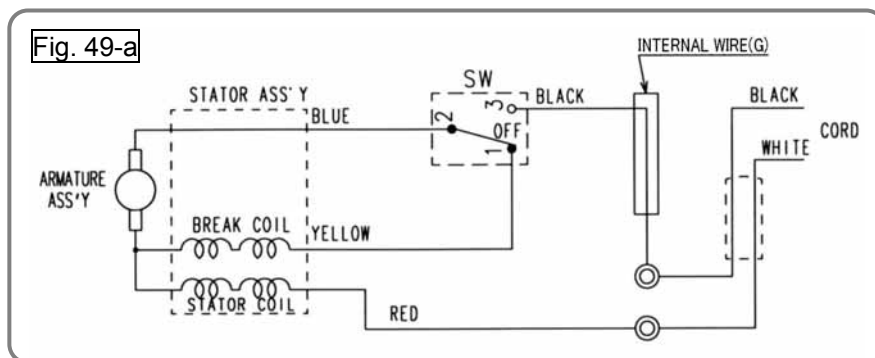
Model C 8FSHE for the U.S.A. and Canada



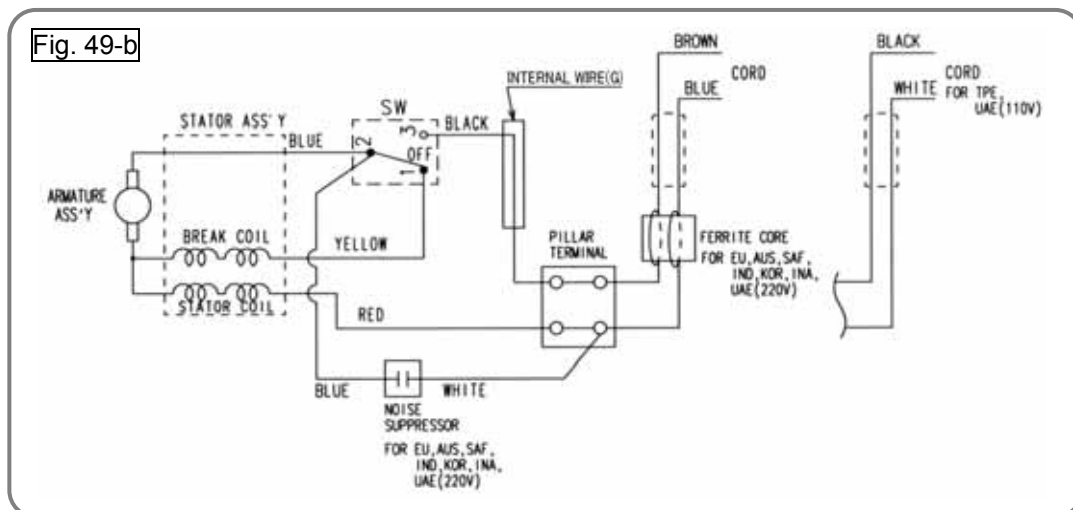
Model C 8FSHE for Europe, Australia and Asia



Model C 8FSE for the U.S.A. and Canada

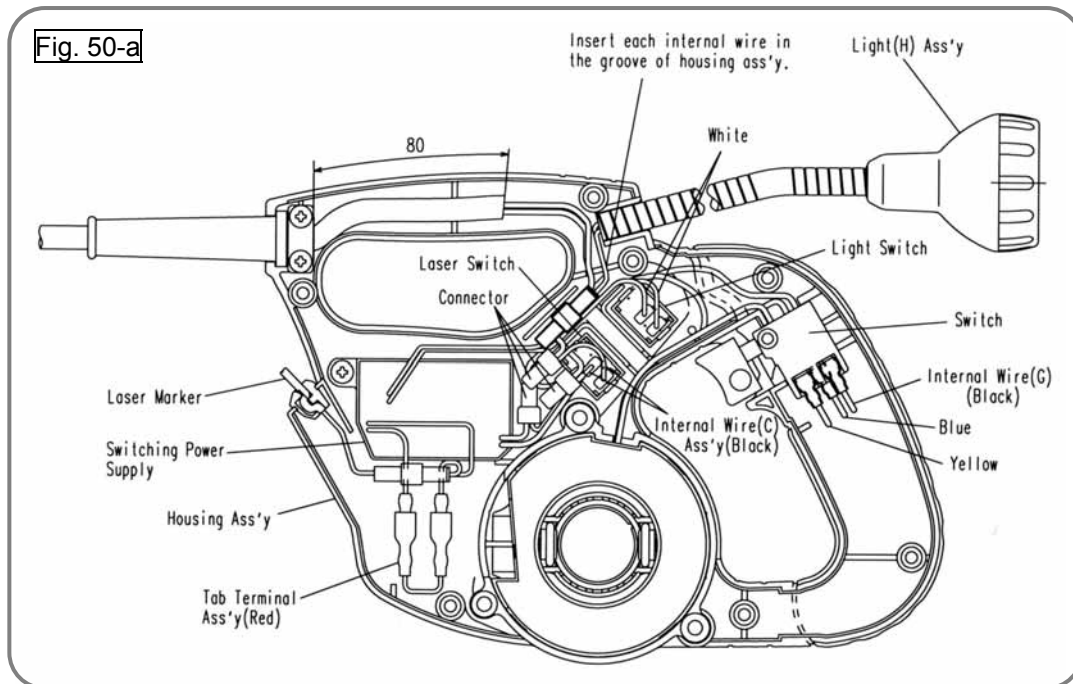


Model C 8FSE for Europe, Australia and Asia

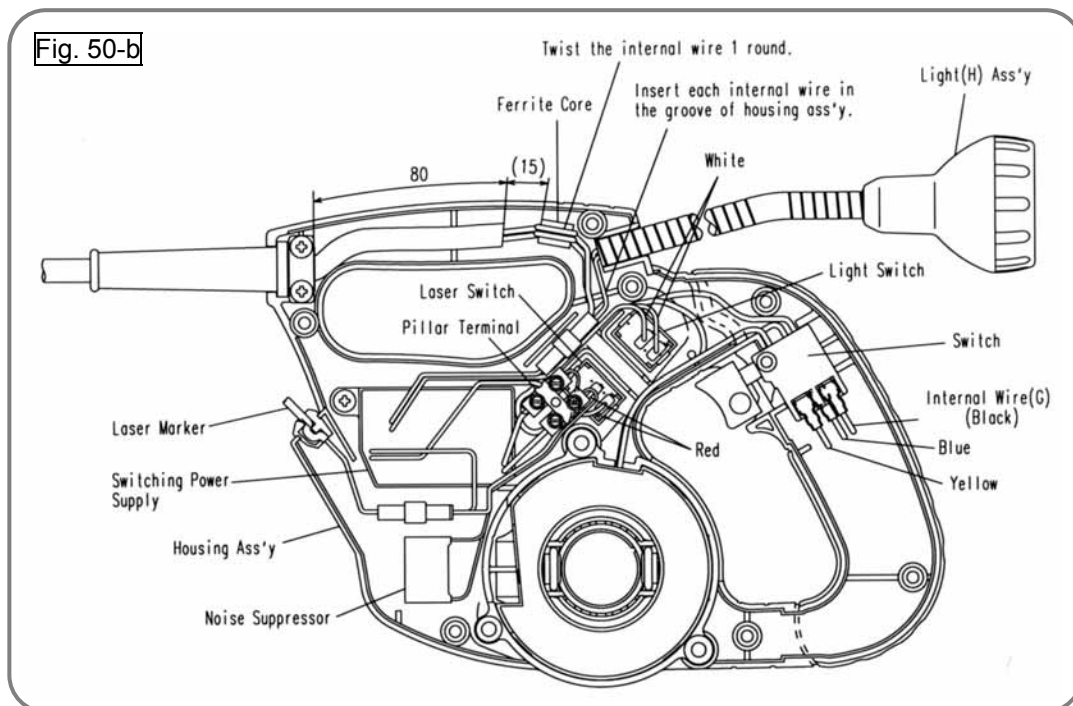


(2) Actual wiring diagram

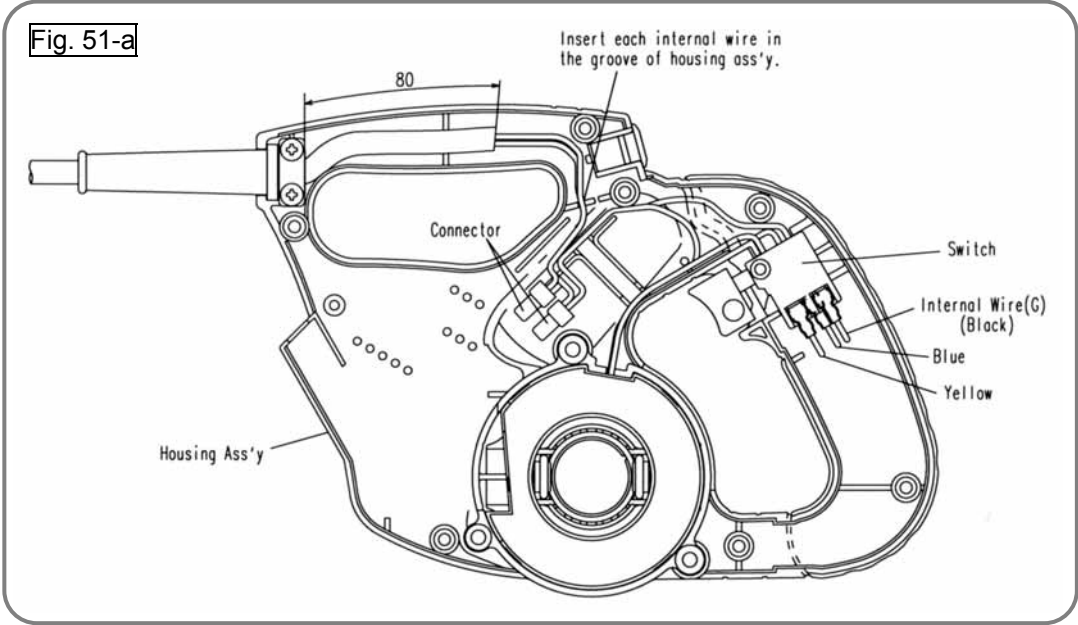
Model C 8FSHE for the U.S.A. and Canada



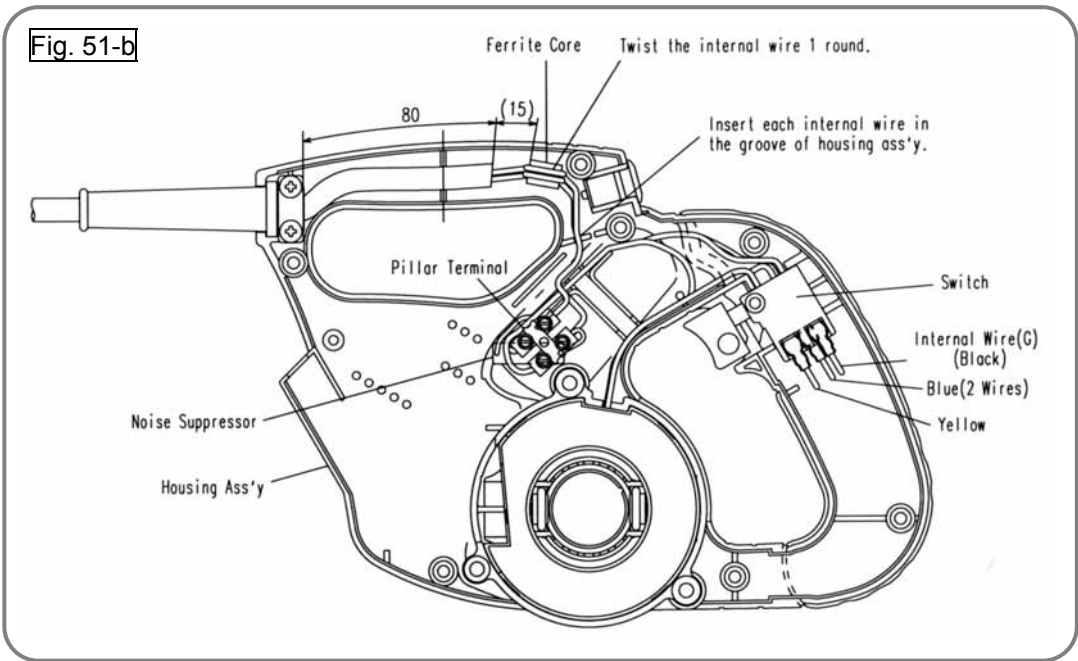
Model C 8FSHE for Europe, Australia and Asia



Model C 8FSE for the U.S.A. and Canada



Model C 8FSE for Europe, Australia and Asia





### 3. Checking of insulation distance

Do not remove too much of the insulation coating at the internal wire connection. Take care not to let the core of the internal wire stick out the Connector 50092 [168] or let the internal wires get caught in a joint between the Housing Ass'y [155] and the Handle Cover [164].

### 4. No-load current

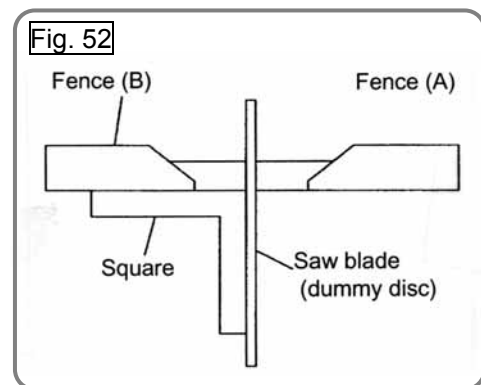
After no-load operation for 30 minutes, the no-load current values should be as follows.

Voltage	110 V, 120 V	220 V, 230 V, 240 V
No-load current	4.7 A max.	2.5 A max.

### 5. Reassembly requiring adjustment

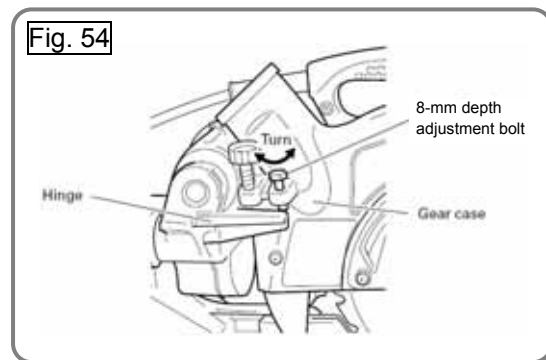
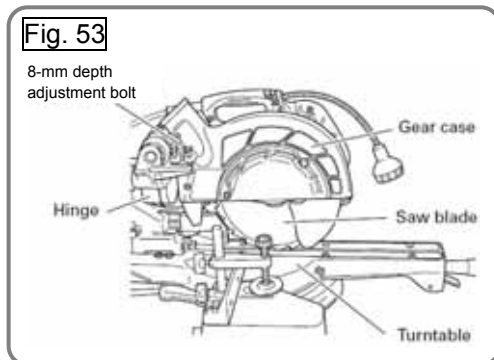
#### (1) Adjustment of squareness between the saw blade (dummy disc) and the fences

It is necessary to check and adjust the right-angle orientation between the saw blade (dummy disc) and the fence after disassembly and replacement of the Base Ass'y [56], Turn Table [13], Fence (A) [55], Fence (B) [47], Holder (A) [124] and Hinge (A) Ass'y [87] and after disassembly, reassembly and adjustment of the Ball Bushing [114]. Adjust the squareness (rated value 0.15/100 mm) by moving the fences along the saw blade (dummy disc). First, adjust the squareness between the saw blade and either fence. Then adjust flatness of the two fences by applying a straight edge to the right and left fence surfaces. Finally, apply a square to the fence surface that has not been checked yet and make sure it forms squareness (rated value 0.15/100 mm) with the saw blade.



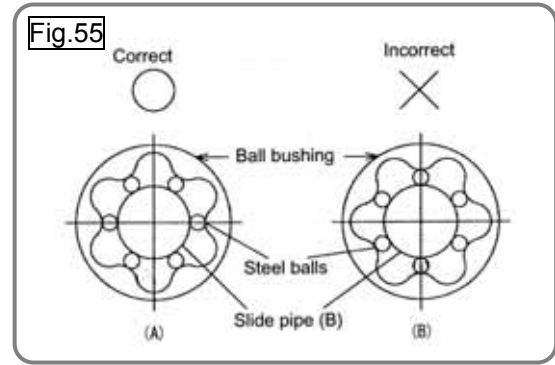
#### (2) Adjustment of the lower limit position of the saw blade

Adjust the unit so that the saw blade (216 mm (8-1/2")) is 10 to 11 mm (13/32" to 7/16") below the base surface (or top surface of the table insert). Lower the Gear Case [198] (head) and make Hinge (A) Ass'y [87] contact with the Nylock Bolt M8 x 25 [190] for lower limit position adjustment. Turn the Nylock Bolt M8 x 25 [190] with a 13-mm wrench and change the height to adjust the lower limit position of the saw blade.



(3) Reassembly of the ball bushing

The Ball Bushing [114] and Holder (A) [124] are maintained at a smooth fit. When placing the Ball Bushing [114] into Holder (A) [124], gently hammer it with a plastic hammer so that the Ball Bushing [114] is seated into Holder (A) [124] in parallel. After reassembly, lubricate around the steel balls inside the Ball Bushing [114] with 2 grams of Nippeco SEP 3A grease. Apply machine oil to slide pipe (A) and slide pipe (B) of Hinge (A) Ass'y [87]. When reassembling, put the Ball Bushing [114] inside Holder (A) [124] as indicated in (A) of Fig. 55. Visual observation will do for this insertion. Layout in (A) offers about 30% higher rated load in (B).



## 6. Lubrication

Advise the customer to lubricate the machine as indicated below at least once a month. Also, prior to applying lubricant, any sawdust, dirt or other foreign matter should be thoroughly wiped away with a soft cloth.

(1) Swiveling section of the gear case

Coat machine oil on the swiveling and sliding portions of the Gear Case [198] and Hinge (A) Ass'y [87].

(2) Vise section

Coat machine oil on the screw thread portion of the Knob Bolt M10 x 66 [35] of the Vise Ass'y [42].

(3) Holder (A)

Coat machine oil on the swiveling and sliding portions of Holder (A) [124] and the Hinge Shaft (A) [9].

## 7. Product precision

On completion of reassembly, confirm precision tolerances.

Item	Tolerance
Deflection of dummy disc	0.15/φ200
Squareness between base and fence (A) and fence (B)	0.1/65 (Height of fence (A)) 0.1/49 (Height of fence (B))
Flatness of fence (A) and fence (B)	0.15
Squareness between dummy disc and fence (A) and fence (B)	0.15/100
Squareness between fence (A) and fence (B) and slide pipes (Place a square against fences (see Fig. 56), slide the head and check for any clearance between the dummy disc and the square.)	0.15/180
Squareness between dummy disc and turn table	0.15/100
Surface alignment of base and turn table (Use the upper surface of the base as a reference.)	(+) 0.1 (-) 0.2

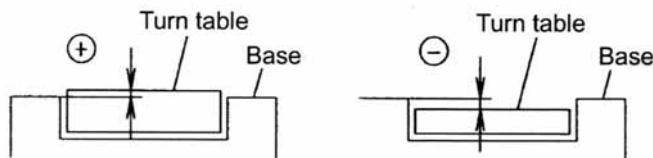


Fig. 56

## 8. Adjustment of laser marker accuracy

### (1) Construction of laser marker and functions of each component

The Adjuster [88] located at the side of Hinge (A) Ass'y [87] is a screw used for moving the Laser Marker [107] horizontally. The laser line can be aligned with the left side of the cutting width (saw blade) or the ink line on the right side by means of the Adjuster [88]. The accuracy of the Laser Marker [107] is adjusted by the two Seal Lock Hex. Socket Set Screws M5 x 6 [103].

The Seal Lock Hex. Socket Set Screw M5 x 6 [103] located at the front is mainly used for adjusting the squareness with the fence surface.

The Seal Lock Hex. Socket Set Screw M5 x 6 [103] located under the Laser Marker [107] is mainly used for adjusting the squareness with the base surface (Fig. 57-a).

The laser line will shift to the right in parallel when the Adjuster [88] is turned clockwise, and shift to the left when turned counterclockwise.

**CAUTION: Exercise utmost caution in handling the switch trigger for the position adjustment of the laser line, as the power plug is plugged into the receptacle during operation. If the switch trigger is pulled inadvertently, the saw blade can rotate and result in unexpected accidents.**

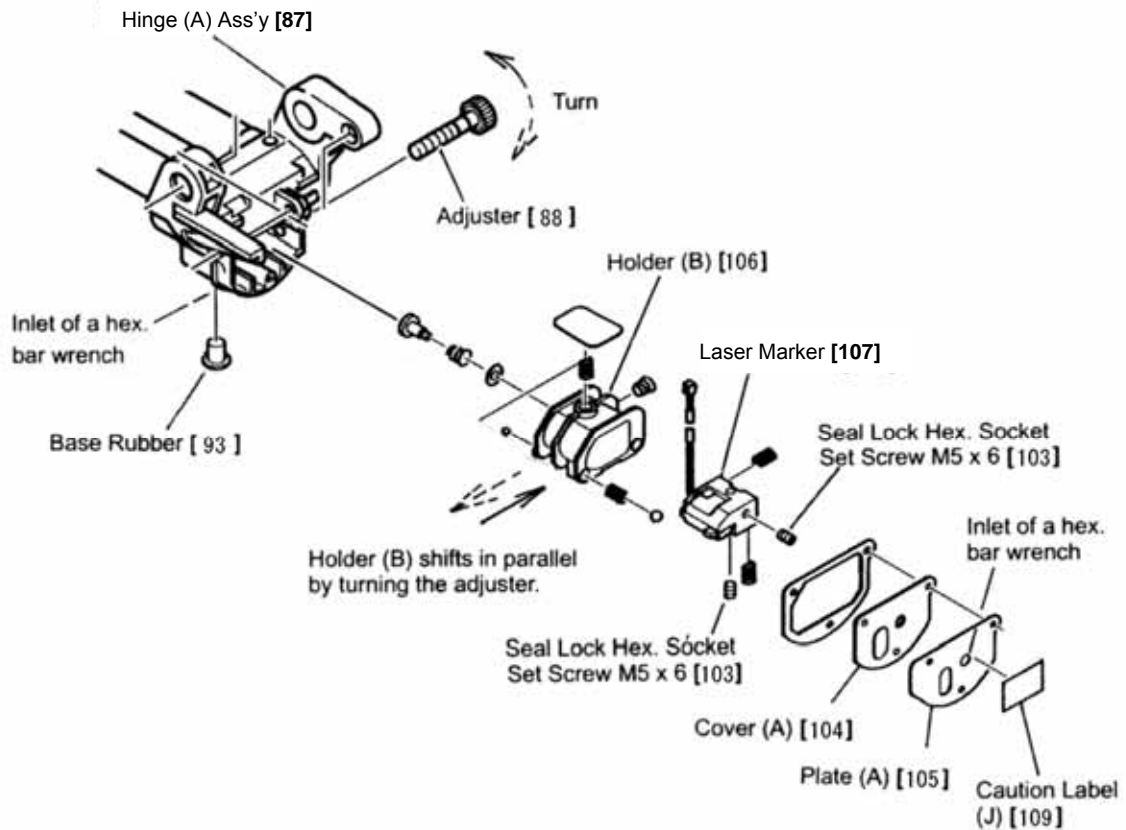
**Do not stare into beam while the laser marker is lighting.**

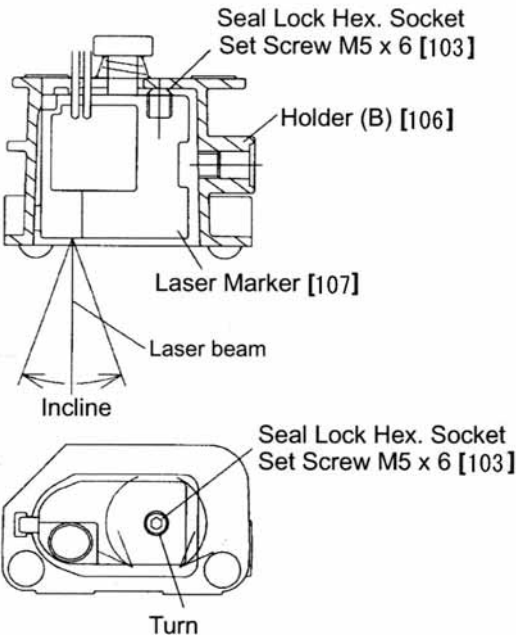
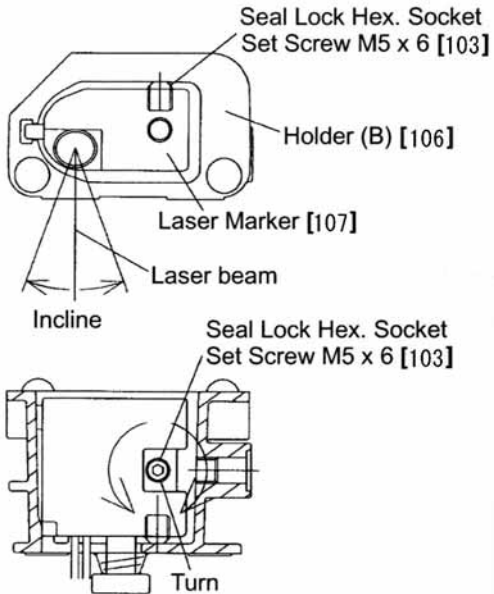
**Do not observe beam directly with an optical instrument.**

**If your eye is exposed directly to the laser beam, it can be hurt.**

**Instruct the customer not to stare into beam. In addition, instruct the customer not to give strong impact to the laser marker (main body of tool) and not to dismantle the laser marker. Use of controls or adjustments or performance of procedures other than those specified in this TECHNICAL DATA AND SERVICE MANUAL and the Instruction Manual may result in hazardous radiation exposure.**

Fig. 57-a



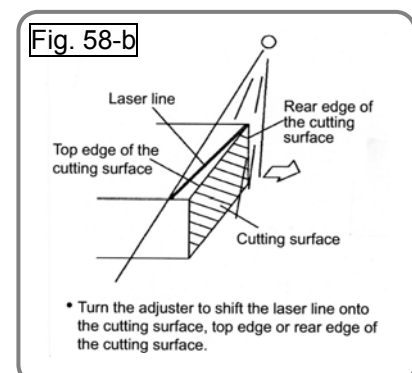
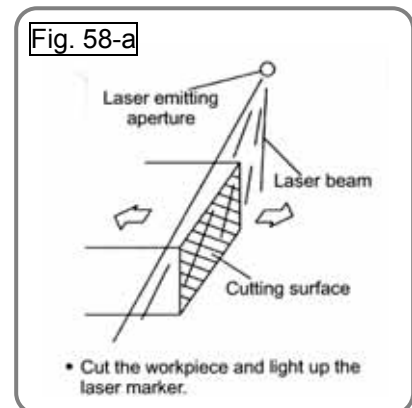
Adjustment of squareness with the fence surface	Adjustment of squareness with the base surface
 <p data-bbox="443 875 555 902"><b>Fig. 57-b</b></p> <p data-bbox="177 936 783 1115">The laser line inclines to the left by turning the Seal Lock Hex. Socket Set Screw M5 x 6 <b>[103]</b> clockwise and inclines to the right by turning counterclockwise. The squareness of the laser line with the fence surface can be adjusted in this manner.</p>	 <p data-bbox="1050 875 1161 902"><b>Fig. 57-c</b></p> <p data-bbox="810 936 1417 1115">The laser line inclines to the right by turning the Seal Lock Hex. Socket Set Screw M5 x 6 <b>[103]</b> clockwise and inclines to the left by turning counterclockwise. The squareness of the laser line with the base surface can be adjusted in this manner.</p>

(2) Adjustment of the laser marker

Adjust the laser marker according to the following steps from 1) to 5).

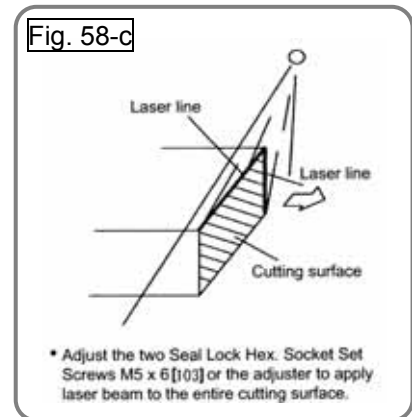
Adjust the product accuracy first because the accuracy of the laser marker is adjusted aligning the cut surface of the workpiece.

- 1) First, hold a workpiece of 60 mm (2-3/8") in height and 150 mm (5-15/16") in width with the vise and perform right-angle cutting. At this time, check that Plate (A) [105], Cover (A) [104] and the inlet of a hex. bar wrench at Hinge (A) Ass'y [87] (Fig. 57-a) are closed to prevent saw dust from entering the laser marker. If they are not closed, block them with tapes.
- 2) Light up the Laser Marker **[107]** with the workpiece held in the vise. Turn the Adjuster **[88]** to shift the laser line onto the cutting surface, top edge or rear edge of the cutting surface.
- 3) Next, insert a 2.5-mm hex. bar wrench into the inlet and adjust the two Seal Lock Hex. Socket Set Screws M5 x 6 **[103]** so that laser beam is applied to the entire cutting surface. (Before adjustment of the Laser Marker **[107]** using a 2.5-mm hex. bar wrench, remove Caution Label (J) **[109]**, Base Rubber **[93]** and the tape adhered to the inlet.) If the laser line gets out of the cutting surface during the laser line adjustment using the two Seal Lock Hex. Socket Set Screws M5 x 6 **[103]**, turn the Adjuster **[88]** to shift the laser line onto the cutting surface, top edge or rear edge of the cutting surface then adjust the accuracy



of the laser line. (Repeat this operation 3 or 4 times depending on the adjusting conditions of the laser marker.) Refer to the above "(1) Construction of laser marker and functions of each component" for the relation between the two Seal Lock Hex. Socket Set Screws M5 x 6 [103] and the laser line.

- 4) To check the accuracy of the Laser Marker [107], move the Laser Marker [107] horizontally using the Adjuster [88] again and check that the laser beam is applied to the entire cutting surface. If the laser beam is applied to the cutting surface in parallel, the fine fuzz reflects the laser beam and the entire cutting surface becomes bright.
- 5) Make a right-angle ink line on the workpieces of 20 mm (13/16") in height and 150 mm (5-15/16") in width and 60 mm (2-3/8") in height and 150 mm (5-15/16") in width respectively. Adjust the laser marker and perform cutting. If the ink line matches the cutting position, the accuracy adjustment is completed. (Visually check that the laser marker accuracy is 0.35/100 or less for both the squareness with the base surface and the squareness with the fence surface.)



## 2. Troubleshooting guide

Item	Phenomenon	Cause	Factory standard	Inspection, repair or adjustment
1	Inaccurate cutting --- Inaccurate squareness of the cut surface --- Cut surfaces do not fit together properly.	(a) Inaccurate squareness between the turn table and the saw blade causes the saw blade to cut into the workpiece at an angle.	0.15/100 (Dummy disc) (Fig. 59) When sliding (tip) 0.25/100 (Dummy disc)	<ul style="list-style-type: none"> <li>• Readjust squareness with the Nylock Bolt M8 x 25 [123].</li> <li>• Replace Hinge (A) Ass'y [87] or Gear Case [198] or Turn Table [13] or Base Ass'y [56] (if deformed).</li> </ul>
		(b) Excessive deflection of the saw blade (Excessive vibration)	0.15/φ205 (Dummy disc)	<ul style="list-style-type: none"> <li>• Replace the TCT Saw Blade [211].</li> <li>• Check for surface defects on Washer (D) [221] and repair with a file as necessary.</li> <li>• Replace Washers (D) [221].</li> </ul>
		(c) Inaccurate squareness between fence (A) and fence (B) and the saw blade	0.15/100 (Fig. 60)	<ul style="list-style-type: none"> <li>• Loosen the Bolt M8 x 35 [43] and adjust as necessary.</li> <li>• Replace Fence (A) [55] and Fence (B) [47].</li> </ul>
		(d) Surfaces of fence (A) and fence (B) are not accurately aligned, causing workpiece to deviate from proper squareness.	0.10 or less (Fig. 61)	<ul style="list-style-type: none"> <li>• Loosen the Bolt M8 x 35 [43] and adjust surface alignment of Fence (A) [55] and Fence (B) [47] as necessary.</li> <li>• Replace Fence (A) [55] or Fence (B) [47].</li> </ul>
		(e) Inaccurate surface flatness of the turn table.	0.15 or less	<ul style="list-style-type: none"> <li>• Replace the Turn Table [13].</li> </ul>
		(f) Squareness between the saw blade and the turn table is changed when sliding.	Same as (a) (Fig. 62)	<ul style="list-style-type: none"> <li>• Check precision after press-fitting slide pipes (A) and (B) of Hinge (A) Ass'y [87]. If precision is poor, replace them as necessary. (Fig. 62)</li> </ul>

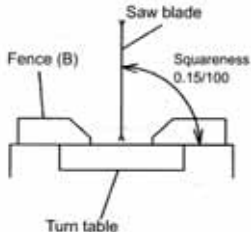


Fig. 59

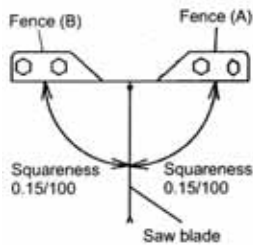


Fig. 60

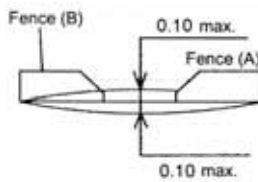
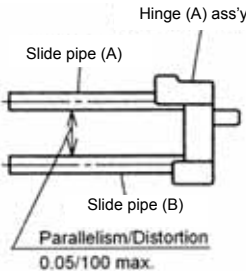
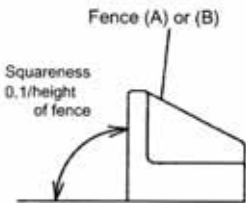
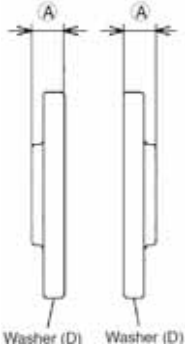


Fig. 61

Item	Phenomenon	Cause	Factory standard	Inspection, repair or adjustment
1	 <p>Fig. 62</p>  <p>Fig. 63</p>			<ul style="list-style-type: none"> <li>Adjust the clearance between the Bushing [115] and slide pipe (A) with the Seal Lock Hex. Socket Set Screw M6 x 10 [118]. Ensure that slide pipe section slides smoothly with a slide load of within 3 kgf.</li> </ul>
		(g) Inaccurate squareness between fences (A) and (B), turn table and base causes the workpiece to tilt at an angle and prevent accurate cutting.	0.1/65 (height of Fence (A) [55]) 0.1/49 (height of Fence (B) [47]) (Fig. 63)	<ul style="list-style-type: none"> <li>Replace Fence (A) [55] or Fence (B) [47] as necessary.</li> </ul>
		(h) Loose fitting of swiveling portion of hinge (A) ass'y and gear case, or sluggish movement. As a result, components may be deformed because of unstable gear case or because the operator must apply excessive pressure during operation.	-	<ul style="list-style-type: none"> <li>Check the fitting surfaces of Hinge (A) Ass'y [87], Gear Case [198] and Hinge Shaft (A) [92] for any foreign substance (such as cutting dust) and remove it as necessary.</li> </ul>
		(i) Excessively fast cutting speed causes deflection of saw blade and inaccurate cutting.	-	<ul style="list-style-type: none"> <li>Reduce the cutting speed (appropriately 6 seconds for a square wood workpiece of 60 mm (2-3/8")).</li> </ul>
		(j) Excessive cutting force (pressure) is required because of dull saw blade.	-	<ul style="list-style-type: none"> <li>Sharpen the saw blade again.</li> </ul>
		(k) The workpiece moves during cutting because it is bent or deformed.	-	<ul style="list-style-type: none"> <li>Correct bend, flex or other deformation by planing and try cutting.</li> </ul>

Item	Phenomenon	Cause	Factory standard	Inspection, repair or adjustment
2	Rough cut surface Parallelism (A)= 0.02/43  Fig. 64	(a) Large deflection of saw blade. (Causes rough cut surface.)	0.15/φ205 (Dummy disc)	<ul style="list-style-type: none"> <li>• Same as Item 1- (b).</li> </ul>
		(b) Poor movement of slide pipe section prevents smooth cutting.	Slide load should be within 3 kgf.	<ul style="list-style-type: none"> <li>• Apply machine oil to the slide pipe section.</li> <li>• Check the slide pipe section for any scratches or the like.</li> <li>• Repair as necessary.</li> <li>• Readjust the Bushing [115].</li> </ul>
		(c) Excessive clearance at the slide pipe section.	-	<ul style="list-style-type: none"> <li>• Readjust the Bushing [115].</li> <li>• Replace Hinge (A) Ass'y [87], or the Ball Bushing [114] as necessary.</li> </ul>
		(d) Surface parallelism of washers (D) is inaccurate due to surface defects such as impact marks and scratches.	0.02/43 (Fig. 64)	<ul style="list-style-type: none"> <li>• Repair impact marks or scratches at Washer (D) [221].</li> <li>• Replace them if necessary.</li> </ul>
		(e) Improper slide cutting technique.	-	<ul style="list-style-type: none"> <li>• See paragraph "Slide Cutting." Do not apply unnecessary force for successful slide cutting.</li> </ul>
		(f) Inaccurate squareness between turn table and saw blade, causing saw blade to cut at an improper angle and make cutting marks.	0.15/100 (Fig. 59)	<ul style="list-style-type: none"> <li>• Same as Item 1- (a).</li> </ul>
		(g) Excessively fast cutting speed.	-	<ul style="list-style-type: none"> <li>• Reduce cutting speed.</li> </ul>
		(h) Improper clamping of workpiece.	-	<ul style="list-style-type: none"> <li>• Properly clamp workpiece with Vise Ass'y [42].</li> </ul>
		(i) Turn table is not fixed with side handle.	-	<ul style="list-style-type: none"> <li>• During cutting, fix the Turn Table [13] in position with the Side Handle [23] without fail.</li> </ul>
		(j) Loose fitting of swiveling portion of hinge and gear case, or sluggish movement.	-	<ul style="list-style-type: none"> <li>• Same as Item 1- (h).</li> </ul>
		(k) Cutting operation becomes sluggish because workpiece is warped or bent.	-	<ul style="list-style-type: none"> <li>• Correct warp or bend with planer.</li> </ul>
		(l) Excessive vibration	-	<ul style="list-style-type: none"> <li>• Recheck items (a), (c), (d) and (i).</li> </ul>



Item	Phenomenon	Cause	Factory standard	Inspection, repair or adjustment
3	Saw blade is locked.	(a) Excessively fast cutting speed	-	• Reduce cutting speed.
		(b) Core diameter of extension cord is too small.	-	• Use a thicker and shorter extension cord.
		(c) Excessive cutting force is applied due to dull saw blade.	-	• Resharpen saw blade.
		(d) Incorrect saw blade is used.	-	• Use a suitable Hitachi supplied saw blade. • An increased number of teeth on the saw blade increases the cutting resistance. When using a saw blade with a large number of teeth, reduce the cutting speed.
		(e) The saw blade binds in workpiece during cutting because workpiece is warped or bent.	-	• Correct workpiece deformation with planer.
4	Saw blade does not rotate when switch is triggered.	(a) Power cord is not connected to power supply.	-	• Check power supply voltage. • Connect the power cord to power supply.
		(b) Carbon brush wear exceeds allowable limit (5 mm).	-	• Check the Carbon Brushes <b>[160]</b> for wear. • Replace the Carbon Brushes <b>[160]</b> .
		(c) Contact failure of the switch	-	• Check the Switch (3P Faston Type) W/O Lock <b>[170]</b> for conductivity. • Replace the Switch (3P Faston Type) W/O Lock <b>[170]</b> .
5	Saw blade runs too slow (4,950 min <sup>-1</sup> or less).	(a) Power supply voltage is lower than rated voltage.	-	• Check for power supply voltage. • Check if extension cord is appropriate. See Instruction Manual for appropriate extension cords.
6	Light (H) Ass'y does not light. (Only Model C 8FSHE)	(a) Improper wiring	-	• Check the wiring.
		(b) Switch failure	-	• Check the Switch (W/Cover) <b>[167]</b> for conductivity. • Replace the Switch (W/Cover) <b>[167]</b> .
		(c) Switching power supply failure	-	• Check the Switching Power Supply Ass'y <b>[165]</b> for conductivity, input and output referring to "Wiring diagram." • Replace the Switching Power Supply Ass'y <b>[165]</b> .
		(d) Light (H) Ass'y failure	-	• Replace the Light (H) Ass'y <b>[175]</b> .

Item	Phenomenon	Cause	Factory standard	Inspection, repair or adjustment
7	Laser marker does not light. (Only Model C 8FSHE)	(a) Improper wiring	-	• Check the wiring.
		(b) Switch failure	-	• Check the Switch (W/Cover) [167] for conductivity. • Replace the Switch (W/Cover) [167].
		(c) Switching power supply failure	-	• Check the Switching Power Supply Ass'y [165] for conductivity, input and output referring to "Wiring diagram." • Replace the Switching Power Supply Ass'y [165].
		(d) Laser marker failure	-	• Replace the Laser Marker [107].
8	Laser light is poor or strong. (Only Model C 8FSHE)	(a) Switching power supply failure	-	• Same as item 6-(c).
		(b) Laser marker failure.	-	• Same as item 6-(d).
9	Laser line does not match the ink line. (Only Model C 8FSHE)	(a) Ink line is not right angle.	-	• Make a correct ink line again.
		(b) Laser marker accuracy is not adjusted properly.	0.35/100 (Fig. 65 and Fig. 66)	• Readjust the accuracy of the laser marker. (Refer to "Adjustment of laser marker accuracy.")
		(c) Product accuracy is not good.	-	• Readjust the accuracy of the product and the laser marker. • If the forward position of the laser line is different from the backward position when sliding, slide pipe (A) is not parallel with slide pipe (B). Replace Hinge (A) Ass'y [87].
10	Laser line does not match the cutting position. (Only Model C 8FSHE)	(a) Laser marker is horizontally deviated from the saw blade.	-	• Adjust the position of the laser line. (Refer to "Position adjustment of laser line.")
		(b) Laser marker accuracy is not adjusted properly.	0.35/100 (Fig. 65 and Fig. 66)	• Same as item 9-(b).

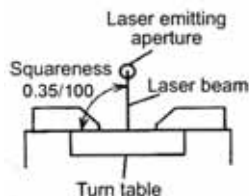


Fig. 65

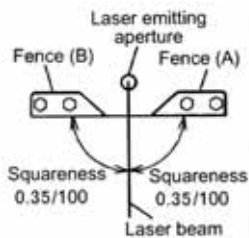


Fig. 66

# STANDARD REPAIR TIME (UNIT) SCHEDULES

MODEL	Fixed	Variable	10	20	30	40	50	60
C 8FSHE	General assembly	Work Flow						
		Spacer Link Ball Bearing (606ZZ) Lower Guard Dust Guide Guide Holder	→	Spindle Ass'y Ball Bearing (6003VV) Ball Bearing (608VV)	→	Bearing Holder		
		Sleeve Spring Lock Lever Stopper Pin	→	Handle Cover Cord Cord Armor Switching Power Supply Switch Light (H) Ass'y Switch (W/Cover)	→	Ball Bearing (6000VV) Ball Bearing (608VV)	Housing Ass'y Stator Ass'y Armature Ass'y	→
		Clamp Lever Bolt (Left Hand)	→	Set Pin Hinge Shaft (A)	→	Support	Holder (B) Laser Marker	Hinge (A) Ass'y Ball Bushing Holder (A)
		Table Insert x 2 Sub Fence	→	Fence (A) Fence (B) Shaft (B) Spring	→	Liner Spacer (A)	Turn Table Base Ass'y	
		Guard	→					
		Vise Plate Vise Shaft	→					

# STANDARD REPAIR TIME (UNIT) SCHEDULES

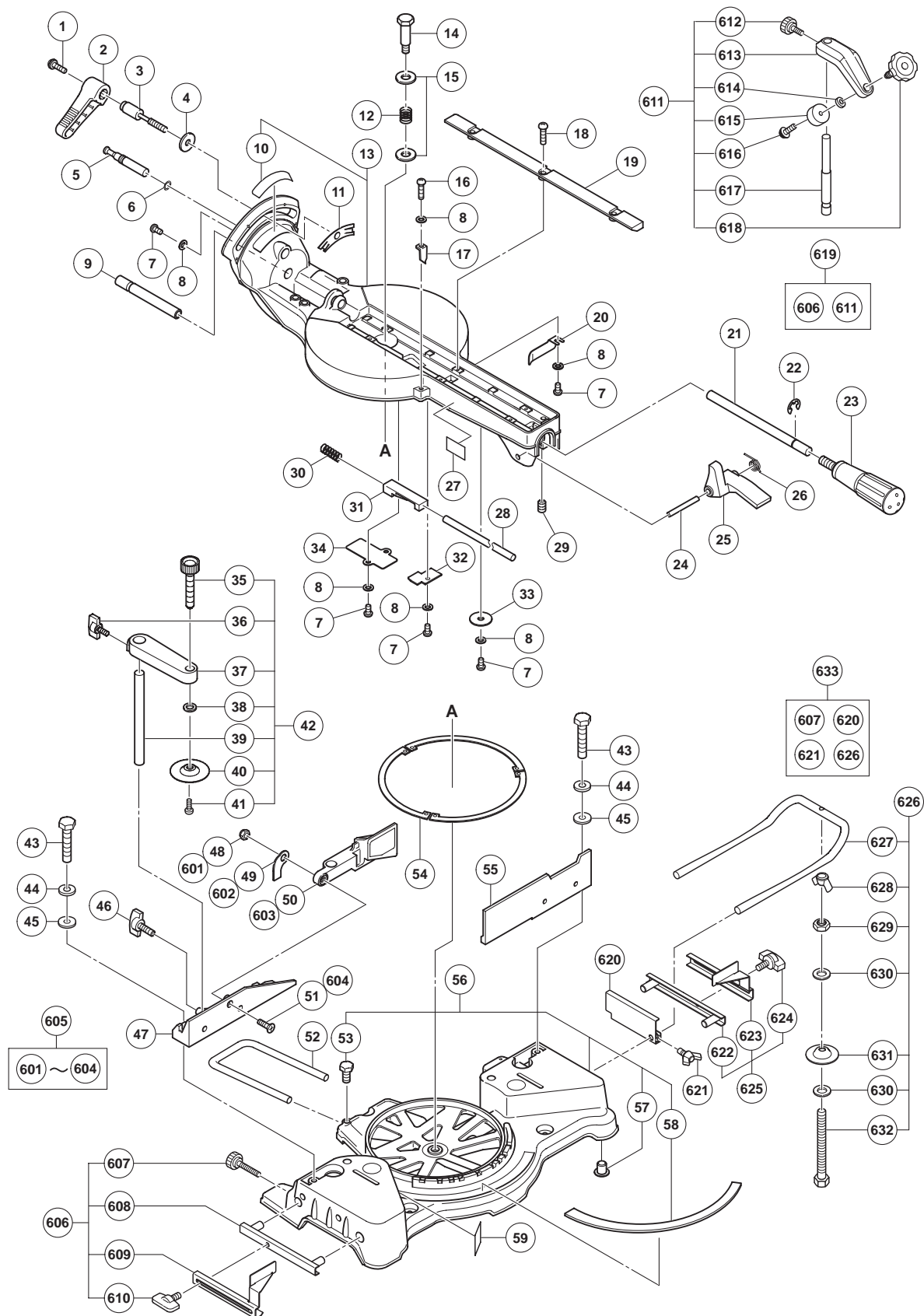
MODEL	Fixed	Variable	10	20	30	40	50	60
C 8FSE	General assembly	Work Flow						
		Spacer Link Ball Bearing (606ZZ) Lower Guard Dust Guide Guide Holder	→	Spindle Ass'y Ball Bearing (6003VV) Ball Bearing (608VV)	→	Bearing Holder		
		Sleeve Spring Lock Lever Stopper Pin	→	Handle Cover Cord Cord Armor Switch	→	Ball Bearing (6000VV) Ball Bearing (608VV)	Housing Ass'y Stator Ass'y Armature Ass'y	
		Clamp Lever Bolt (Left Hand)	→	Set Pin Hinge Shaft (A)	→	Support		Hinge (A) Ass'y Ball Bushing Holder (A)
		Table Insert x 2 Sub Fence	→	Fence (A) Fence (B) Shaft (B) Spring	→	Liner Spacer (A)		Turn Table Base Ass'y
		Guard	→					
		Vise Plate Vise Shaft	→					

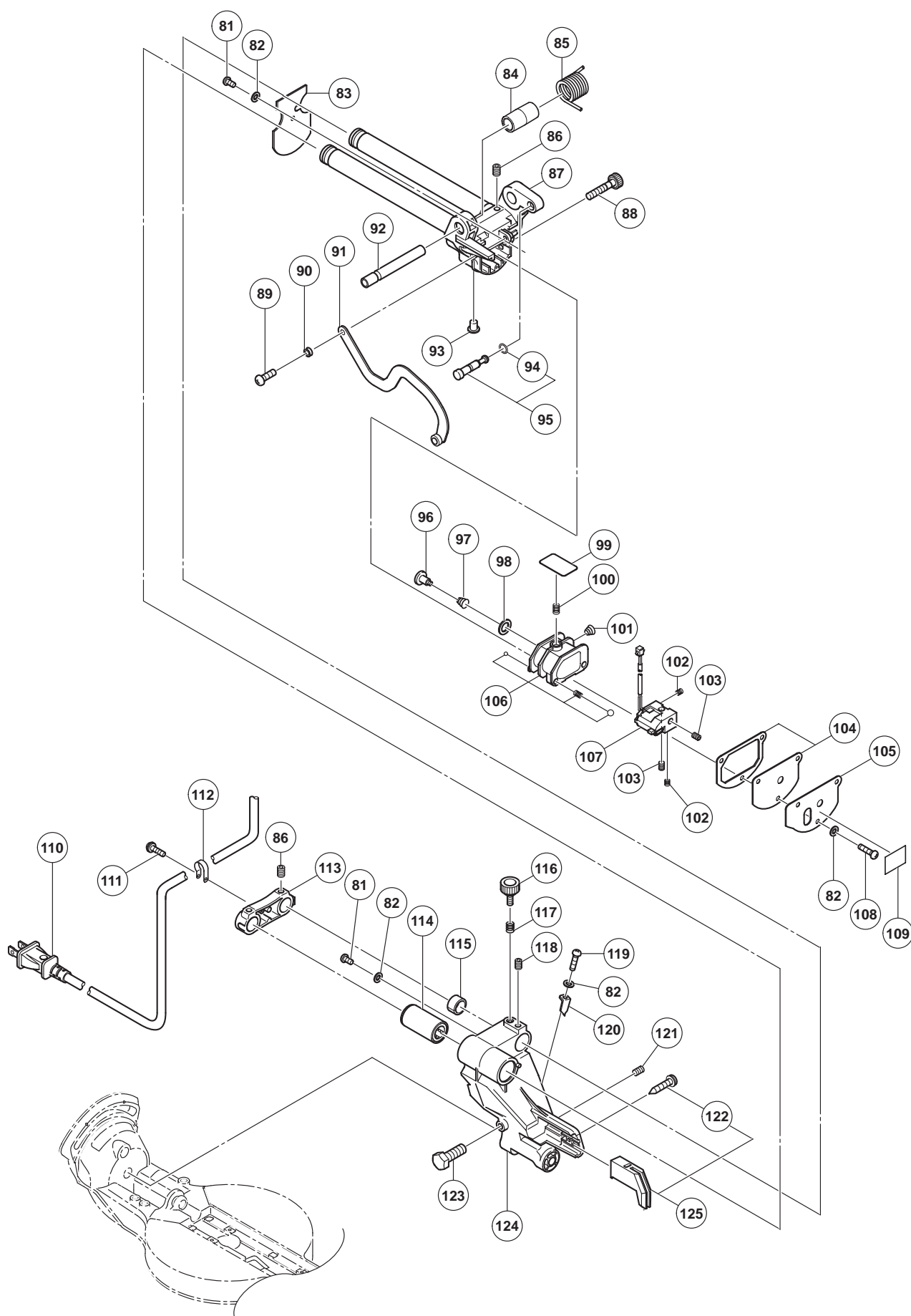
## ELECTRIC TOOL PARTS LIST

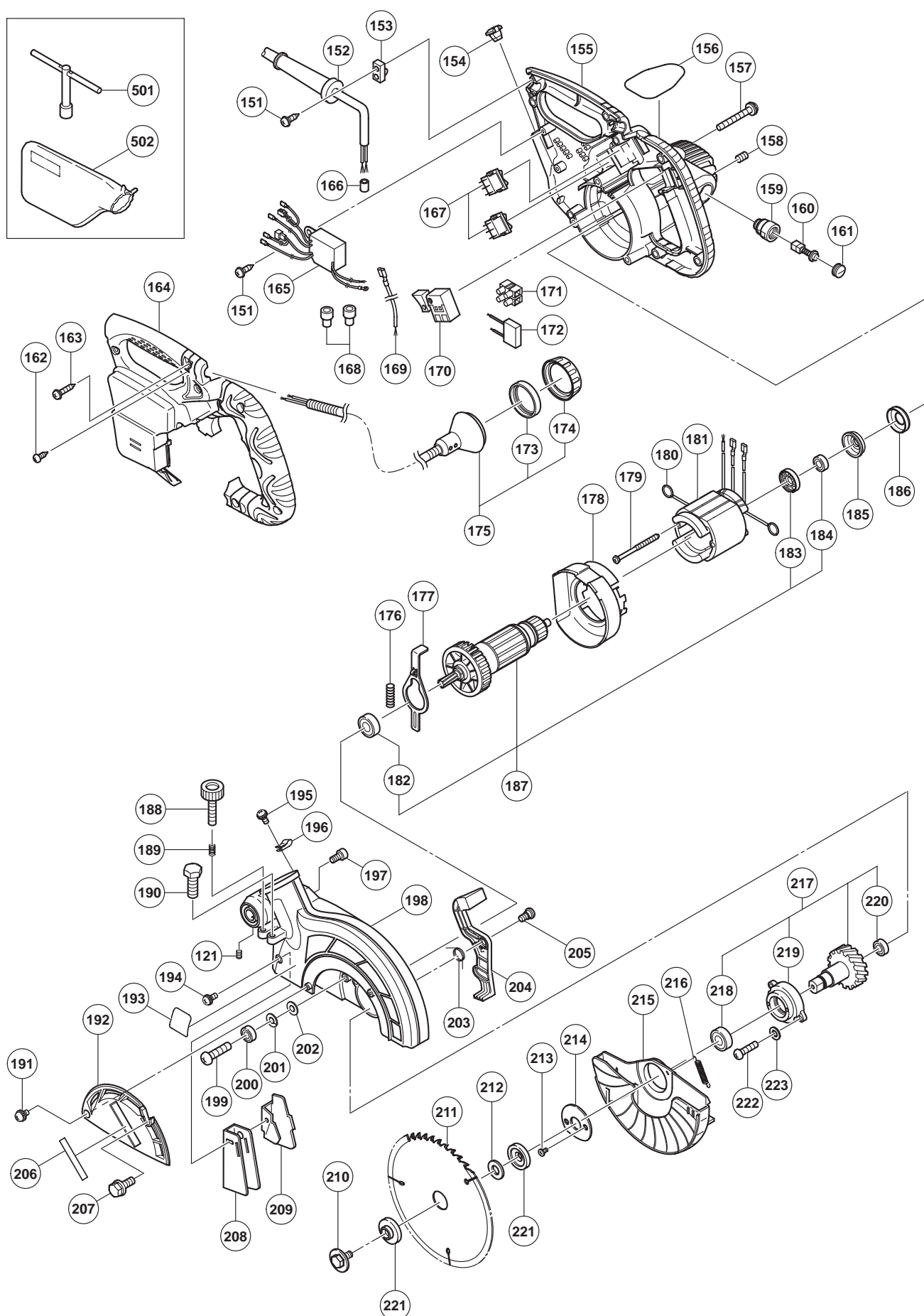
### SLIDE COMPOUND SAW Model C 8FSHE

2008・2・19

(E1)







# PARTS

C 8FSHE

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
1	935-196	MACHINE SCREW (W/WASHERS) M4X12 (BLACK)	1		
2	312-488	CLAMP LEVER	1		
3	329-409	BOLT (LEFT HAND) D10	1		
4	965-077	SPECIAL WASHER	1		
5	325-028	SET PIN	1		
6	996-407	O-RING (1AP-12)	1		
7	949-215	MACHINE SCREW M4X8 (10 PCS.)	5		
8	949-429	BOLT WASHER M4 (10 PCS.)	6		
9	320-141	HINGE SHAFT (A)	1		
10	329-417	SCALE (B)	1		
11	329-408	LINER (A)	1		
12	312-481	SPRING	1		
13	329-422	TURN TABLE	1	INCLUD. 10	
14	329-418	SHAFT (B)	1		
15	949-437	BOLT WASHER M12 (10 PCS.)	2		
16	949-217	MACHINE SCREW M4X12 (10 PCS.)	1		
17	321-329	INDICATOR	1		
18	949-256	MACHINE SCREW M6X16 (10 PCS.)	6		
19	329-421	TABLE INSERT	2		
20	321-342	SPACER (A)	1		
21	329-416	SHAFT (A)	1		
22	673-489	RETAINING RING (E-TYPE) FOR D5 SHAFT	1		
23	322-283	SIDE HANDLE	1		
24	321-339	LEVER SHAFT	1		
25	321-338	LEVER	1		
26	321-340	SPRING (D)	1		
* 27		CAUTION LABEL (D)	1		
* 27		CAUTION LABEL (C)	1		
28	329-415	SHAFT (C)	1		
29	987-860	SEAL LOCK HEX. SOCKET SET SCREW M6X6	1		
30	321-417	SPRING (E)	1		
31	322-280	STOPPER (A)	1		
32	324-395	COVER (B)	1		
33	875-249	THRUST WASHER	1		
34	321-336	PIN COVER	1		
35	302-522	KNOB BOLT M10X66	1		
36	301-806	WING BOLT M6X15	1		
37		SCREW HOLDER	1		
38	949-432	BOLT WASHER M6 (10 PCS.)	1		
39	329-859	WISE SHAFT	1		
40	302-532	WISE PLATE	1		
41	949-216	MACHINE SCREW M4X10 (10 PCS.)	1		
42	329-860	WISE ASS'Y	1	INCLUD. 35-41	
43	949-678	BOLT M8X35 (10 PCS.)	4		
44	949-457	SPRING WASHER M8 (10 PCS.)	4		
45	949-433	BOLT WASHER M8 (10 PCS.)	4		
46	307-937	WING BOLT (A)	1		
47	329-420	FENCE (B)	1		
48	963-837	NYLON NUT M6	1		
49	329-465	PLATE	1		



# PARTS

C 8FSHE

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
* 50		SUB FENCE	1	FOR USA, CAN	
51	949-342	FLAT HD. SCREW M6X25 (10 PCS.)	1		
52	998-844	HOLDER	1		
53	949-610	BOLT M6X10 (10 PCS.)	1		
54	324-400	LINER	3		
55	329-419	FENCE (A)	1		
56	329-414	BASE ASS'Y	1	INCLUD. 53, 57, 58	
57	323-606	BASE RUBBER	4		
58	315-210	SCALE (A)	1		
* 59		CAUTION LABEL (A)	1		
* 59		CAUTION LABEL (B)	1	FOR CHN	
81	949-215	MACHINE SCREW M4X8 (10 PCS.)	2		
82	949-429	BOLT WASHER M4 (10 PCS.)	6		
83	329-491	COVER	1		
84	322-889	SLEEVE	1		
85	329-410	SPRING	1		
86	961-554	HEX. SOCKET SET SCREW M8X10	4		
87	329-427	HINGE (A) ASS'Y	1	INCLUD. 86, 113	
88	319-270	ADJUSTER	1		
89	949-237	MACHINE SCREW M5X12 (10 PCS.)	1		
90	998-980	SPACER	1		
91	329-411	LINK	1		
92	320-141	HINGE SHAFT (A)	1		
93	323-606	BASE RUBBER	1		
94	984-528	O-RING (P-6)	1		
95	302-518	STOPPER PIN ASS'Y	1	INCLUD. 94	
96	305-180	CLUTCH SCREW	1		
97	305-179	CLUTCH SPRING	1		
98	962-614	ADJUSTING WASHER (B) T0.5	1		
99	319-268	PLATE (B)	1		
100	319-267	SPRING	1		
101	305-179	CLUTCH SPRING	1		
102	319-267	SPRING	2		
103	319-541	SEAL LOCK HEX. SOCKET SET SCREW M5X6	2		
104	319-271	COVER (A)	1		
105	322-291	PLATE (A)	1		
106	319-269	HOLDER (B)	1		
107	329-863	LASER MARKER	1		
108	949-215	MACHINE SCREW M4X8 (10 PCS.)	3		
109		CAUTION LABEL (J)	1		
* 110	500-234Z	CORD	1	(CORD ARMOR D10.1)	
* 110	500-247Z	CORD	1	(CORD ARMOR D10.1) FOR FIN, DEN, SWE, NOR	
* 110	500-434Z	CORD	1	(CORD ARMOR D10.1) FOR USA, CAN	
* 110	500-439Z	CORD	1	(CORD ARMOR D10.1) FOR AUS	
* 110	500-423Z	CORD	1	(CORD ARMOR D10.1) FOR KUW, SIN	
* 110	500-456Z	CORD	1	(CORD ARMOR D10.1) FOR CHN	
* 110	500-435Z	CORD	1	(CORD ARMOR D10.1) FOR HKG	
* 110	500-455Z	CORD	1	(CORD ARMOR D10.1) FOR THA	
111	935-196	MACHINE SCREW (W/WASHERS) M4X12 (BLACK)	1		
112	948-614	NYLON CLIP	1		

# PARTS

C 8FSHE

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
112	948-193	NYLON CLIP	1		
113	329-492	SUPPORT	1		
114	329-424	BALL BUSHING	1		
115	326-141	BUSHING	1		
116	324-418	KNOB BOLT M6X25	1		
117	947-859	LOCK SPRING	1		
118	307-956	SEAL LOCK HEX. SOCKET SET SCREW M6X10	1		
119	949-217	MACHINE SCREW M4X12 (10 PCS.)	1		
120	321-329	INDICATOR	1		
121	301-575	HEX. SOCKET SET SCREW M6X8	2		
122	305-558	TAPPING SCREW (W/FLANGE) D5X25 (BLACK)	1		
123	303-409	NYLOCK BOLT M8X25	2		
124	329-428	HOLDER (A)	1		
125	324-372	GUARD ASS'Y	1	INCLUD. 122	
151	984-750	TAPPING SCREW (W/FLANGE) D4X16	3		
152	938-051	CORD ARMOR D10.1	1		
153	937-631	CORD CLIP	1		
154	319-349	CORD BUSH	1		
155	329-490	HOUSING ASS'Y	1	INCLUD. 158, 159	
156		NAME PLATE	1		
157	322-123	MACHINE SCREW (W/WASHERS) M5X40 (BLACK)	3		
158	938-477	HEX. SOCKET SET SCREW M5X8	2		
159	957-571	BRUSH HOLDER	2		
* 160	999-001	CARBON BRUSH (1 PAIR)	2		
* 160	999-021	CARBON BRUSH (1 PAIR)	2	FOR USA, CAN	
161	931-266	BRUSH CAP	2		
162	303-970	TAPPING SCREW (CLASS 2) D4X14	1		
163	301-653	TAPPING SCREW (W/FLANGE) D4X20 (BLACK)	7		
164	329-438	HANDLE COVER	1		
* 165	329-488	SWITCHING POWER SUPPLY ASS'Y	1		
* 165	329-487	SWITCHING POWER SUPPLY ASS'Y	1	FOR USA, CAN	
166	324-518	FERRITE CORE	1		
167	319-503	SWITCH (W/COVER)	2		
* 168	959-141	CONNECTOR 50092 (10 PCS.)	2	FOR USA, CAN	
* 169	329-461	INTERNAL WIRE (G)	1		
* 169	329-430	INTERNAL WIRE (G)	1	FOR USA, CAN	
170	324-424	SWITCH (3P FASTON TYPE) W/O LOCK	1		
* 171	958-308Z	PILLAR TERMINAL (A)	1	EXCEPT FOR USA, CAN	
* 172	930-039	NOISE SUPPRESSOR	1	EXCEPT FOR USA, CAN	
173	329-821	CLEAR COVER	1		
174	322-375	CAP (A)	1		
175	329-489	LIGHT (H) ASS'Y	1	INCLUD. 173, 174	
176	323-433	SPRING	1		
177	323-432	LOCK LEVER	1		
178	329-436	FAN GUIDE	1		
179	960-108	HEX. HD. TAPPING SCREW D4X60	2		
180	931-867	BRUSH TERMINAL	2		
* 181	340-729D	STATOR ASS'Y 120V	1	INCLUD. 180	
* 181	340-729E	STATOR ASS'Y 220V-230V	1	INCLUD. 180	
* 181	340-729F	STATOR ASS'Y 240V	1	INCLUD. 180	

**PARTS**

C 8FSHE

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
182	608-VVM	BALL BEARING 608VVC2PS2L	1		
183	315-877	DUST SEAL	1		
184	600-0VV	BALL BEARING 6000VVCMP2L	1		
185	322-089	BEARING BUSHING	1		
186	322-090	RUBBER BUSHING	1		
*	187	360-839U	ARMATURE ASS'Y 110V-120V	1	INCLUD. 182-184
*	187	360-839E	ARMATURE ASS'Y 220V-230V	1	INCLUD. 182-184
*	187	360-839F	ARMATURE ASS'Y 240V	1	INCLUD. 182-184
	188	961-468	KNOB BOLT M6X37	1	
	189	988-821	LOCK SPRING	1	
	190	303-409	NYLOCK BOLT M8X25	1	
	191	996-274	MACHINE SCREW (W/WASHERS) M5X8	1	
	192	329-425	SPINDLE COVER	1	
*	193		WARNING LABEL (A)	1	FOR USA, CAN
	194	935-196	MACHINE SCREW (W/WASHERS) M4X12 (BLACK)	1	
	195	935-196	MACHINE SCREW (W/WASHERS) M4X12 (BLACK)	1	
	196	980-523	NYLON CLIP	1	
	197	877-839	SEAL LOCK HEX. SOCKET HD. BOLT M5X10	1	
	198	329-431	GEAR CASE	1	
	199	949-260	MACHINE SCREW M6X25 (10 PCS.)	1	
	200	606-ZZM	BALL BEARING 606ZZC2PS2L	1	
	201	949-455	SPRING WASHER M6 (10 PCS.)	1	
	202	949-425	WASHER M6 (10 PCS.)	1	
*	203	329-463	LOCK LEVER SPRING	1	EXCEPT FOR USA, CAN, KUW, CHN, HKG, THA, INA, SIN
*	204	329-462	LOCK LEVER	1	EXCEPT FOR USA, CAN, KUW, CHN, HKG, THA, INA, SIN
*	205	322-950	SPECIAL SCREW M6	2	EXCEPT FOR USA, CAN, KUW, CHN, HKG, THA, INA, SIN
	206	328-922	HITACHI PLATE	1	
	207	308-259	BOLT (W/WASHERS) M6X16 (BLACK)	1	
	208	321-364	DUST GUIDE	1	
	209	312-492	GUIDE HOLDER	1	
	210	998-335	BOLT (LEFT HAND) W/WASHER M7X17.5	1	
*	211		TCT SAW BLADE 216MM-D15.88 HOLE-NT24	1	
*	211		TCT SAW BLADE 216MM-D25.4 HOLE-NT24	1	
*	211		TCT SAW BLADE 216MM-D30 HOLE-NT24	1	
*	212	974-663Z	COLLAR (A) FOR D30 HOLE	1	FOR EUROPE, AUS
*	212	976-819	COLLAR (B) FOR D25.4 HOLE	1	FOR KUW, CHN, HKG, IND, THA, INA, SIN
	213	949-322	FLAT HD. SCREW M4X10 (10 PCS.)	2	
	214	307-731	COVER	1	
	215	329-412	LOWER GUARD	1	
	216	317-203	RETURN SPRING	1	
	217	329-432	SPINDLE ASS'Y	1	INCLUD. 218-220
	218	327-694	BALL BEARING 6003VVCM (NYLON RETAINER)	1	
	219	329-435	BEARING HOLDER	1	
	220	608-VVM	BALL BEARING 608VVC2PS2L	1	
	221	308-789	WASHER (D)	2	
	222	949-241	MACHINE SCREW M5X20 (10 PCS.)	2	
	223	949-454	SPRING WASHER M5 (10 PCS.)	2	

# STANDARD ACCESSORIES

C 8FSHE

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
501	940-543	BOX WRENCH 10MM	1		
502	322-955	DUST BAG (BLACK)	1		

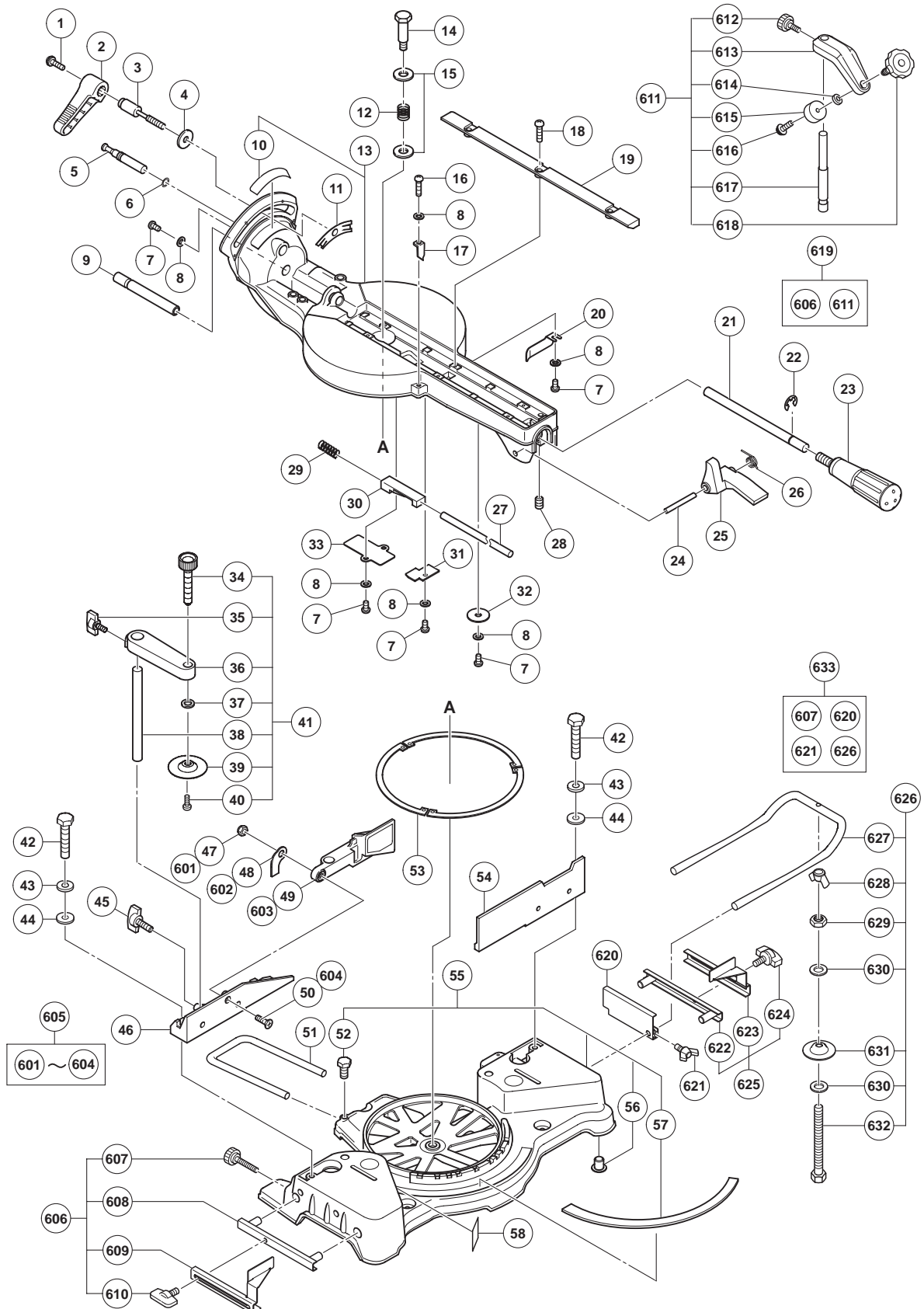
# OPTIONAL ACCESSORIES

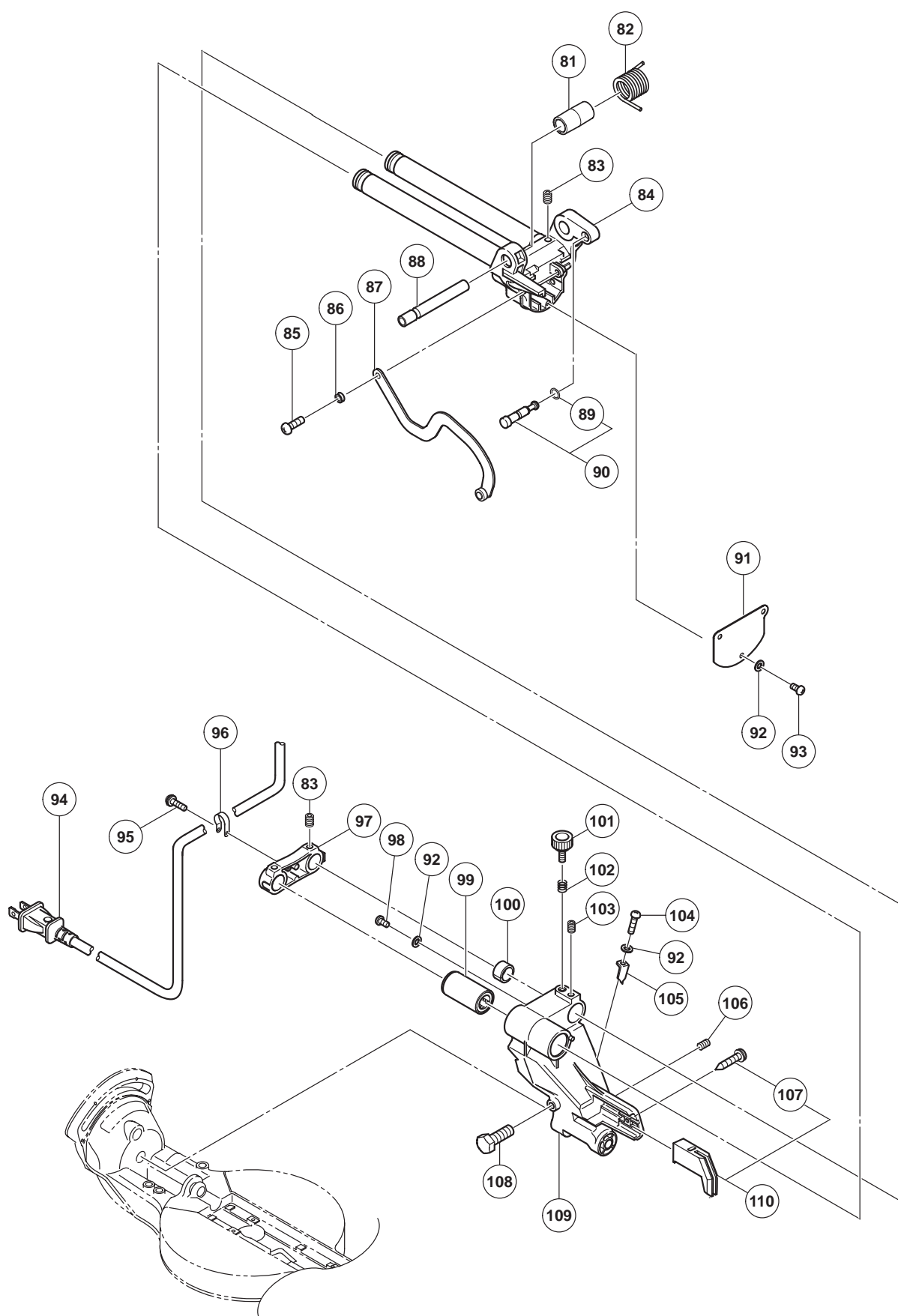
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601	963-837	NYLON NUT M6	1		
602	329-465	PLATE	1		
603		SUB FENCE	1		
604	949-342	FLAT HD. SCREW M6X25 (10 PCS.)	1		
605	329-464	SUB FENCE ASS'Y	1	INCLUD. 601-604	
606	321-374	CROWN MOLDING STOPPER (L) ASS'Y	1	INCLUD. 607-610	
607	960-017	KNOB BOLT M6X32	1		
608	321-390	CROWN MOLDING STOPPER HOLDER	1		
609		CROWN MOLDING STOPPER (L)	1		
610	301-806	WING BOLT M6X15	1		
611	322-957	WISE (B) ASS'Y	1	INCLUD. 612-618	
612	998-836	KNOB BOLT M6X11	1		
613		SCREW HOLDER (B)	1		
614	306-985	WASHER (H)	1		
615	964-851	BASE RUBBER	1		
616	304-043	MACHINE SCREW (W/WASHERS) M4X10 (BLACK)	1		
617	318-967	WISE SHAFT	1		
618	321-551	KNOB BOLT M10X54	1		
619	329-426	CROWN MOLDING WISE ASS'Y	1	INCLUD. 606, 611	
620	974-561	STOPPER	1		
621	949-404	WING BOLT M6X20 (10 PCS.)	1		
622	321-390	CROWN MOLDING STOPPER HOLDER	1		
623		CROWN MOLDING STOPPER (R)	1		
624	301-806	WING BOLT M6X15	1		
625	321-373	CROWN MOLDING STOPPER (R) ASS'Y	1		
626		HOLDER ASS'Y	1	INCLUD. 627-632	
627	321-549	HOLDER	2		
628	949-313	WING NUT M6 (10 PCS.)	2		
629	949-556	NUT M6 (10 PCS.)	2		
630	967-329	WASHER (H)	4		
631	996-261	WISE PLATE	2		
632	996-283	HIGH TENSION BOLT M6X65	2		
633	321-553	GUIDE ASS'Y	1	INCLUD. 607, 620, 621, 626	
634	998-840	TCT SAW BLADE 216MM-D15.88 HOLE-NT24	1		
635	998-858	TCT SAW BLADE 216MM-D25.4 HOLE-NT24	1		
636	998-859	TCT SAW BLADE 216MM-D30 HOLE-NT24	1		

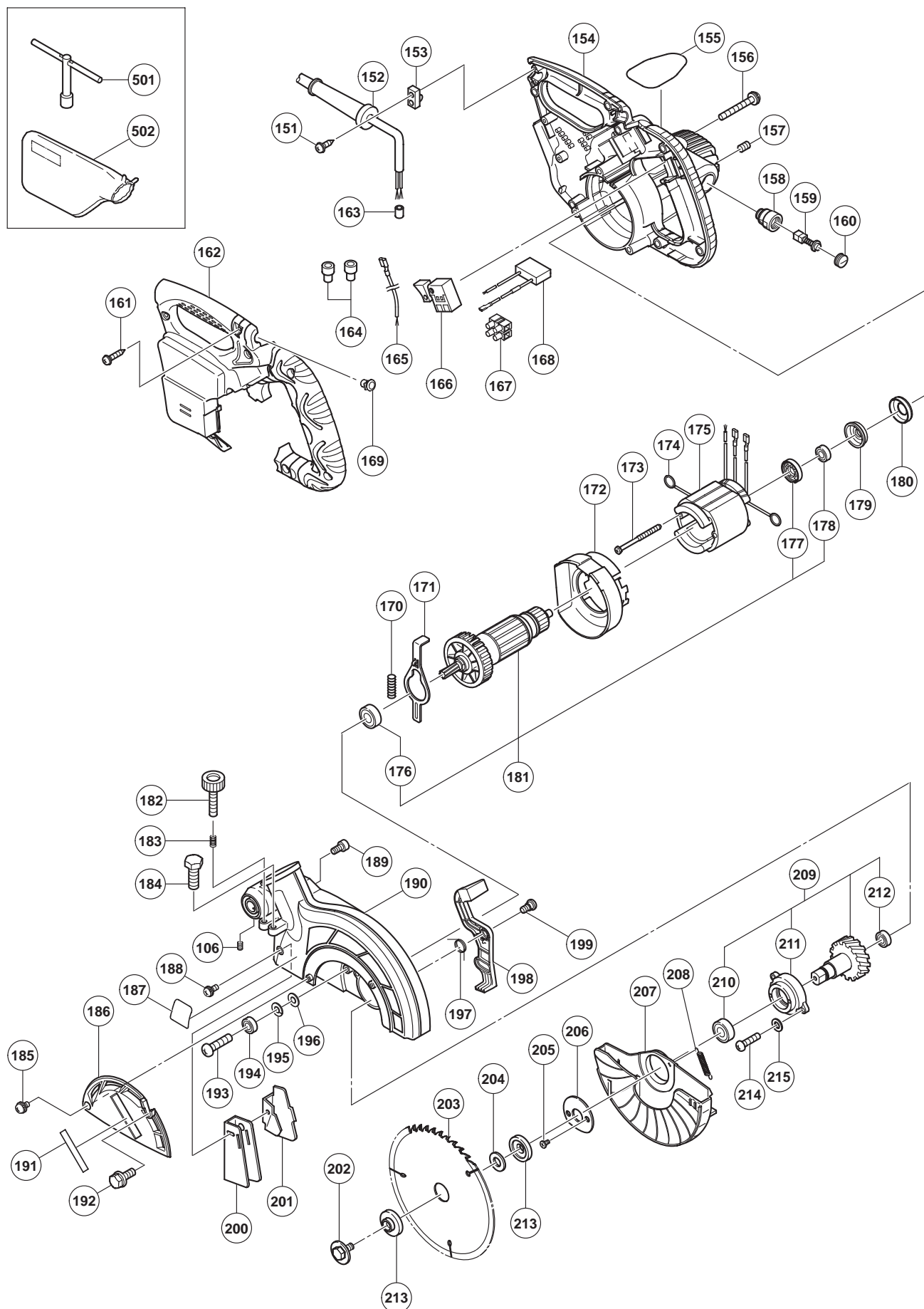
## ELECTRIC TOOL PARTS LIST

### SLIDE COMPOUND SAW Model C 8FSE

2008・2・19  
(E1)







# PARTS

C 8FSE

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
1	935-196	MACHINE SCREW (W/WASHERS) M4X12 (BLACK)	1		
2	312-488	CLAMP LEVER	1		
3	329-409	BOLT (LEFT HAND) D10	1		
4	965-077	SPECIAL WASHER	1		
5	325-028	SET PIN	1		
6	996-407	O-RING (1AP-12)	1		
7	949-215	MACHINE SCREW M4X8 (10 PCS.)	5		
8	949-429	BOLT WASHER M4 (10 PCS.)	6		
9	320-141	HINGE SHAFT (A)	1		
10	329-417	SCALE (B)	1		
11	329-408	LINER (A)	1		
12	312-481	SPRING	1		
13	329-422	TURN TABLE	1	INCLUD. 10	
14	329-418	SHAFT (B)	1		
15	949-437	BOLT WASHER M12 (10 PCS.)	2		
16	949-217	MACHINE SCREW M4X12 (10 PCS.)	1		
17	321-329	INDICATOR	1		
18	949-256	MACHINE SCREW M6X16 (10 PCS.)	6		
19	329-421	TABLE INSERT	2		
20	321-342	SPACER (A)	1		
21	329-416	SHAFT (A)	1		
22	673-489	RETAINING RING (E-TYPE) FOR D5 SHAFT	1		
23	322-283	SIDE HANDLE	1		
24	321-339	LEVER SHAFT	1		
25	321-338	LEVER	1		
26	321-340	SPRING (D)	1		
27	329-415	SHAFT (C)	1		
28	987-860	SEAL LOCK HEX. SOCKET SET SCREW M6X6	1		
29	321-417	SPRING (E)	1		
30	322-280	STOPPER (A)	1		
31	324-395	COVER (B)	1		
32	875-249	THRUST WASHER	1		
33	321-336	PIN COVER	1		
34	302-522	KNOB BOLT M10X66	1		
35	301-806	WING BOLT M6X15	1		
36		SCREW HOLDER	1		
37	949-432	BOLT WASHER M6 (10 PCS.)	1		
38	329-859	WISE SHAFT	1		
39	302-532	WISE PLATE	1		
40	949-216	MACHINE SCREW M4X10 (10 PCS.)	1		
41	329-860	WISE ASS'Y	1	INCLUD. 34-40	
42	949-678	BOLT M8X35 (10 PCS.)	4		
43	949-457	SPRING WASHER M8 (10 PCS.)	4		
44	949-433	BOLT WASHER M8 (10 PCS.)	4		
45	307-937	WING BOLT (A)	1		
46	329-420	FENCE (B)	1		
* 47	963-837	NYLON NUT M6	1	FOR USA, CAN	
* 48	329-465	PLATE	1	FOR USA, CAN	
* 49		SUB FENCE	1	FOR USA, CAN	
* 50	949-342	FLAT HD. SCREW M6X25 (10 PCS.)	1	FOR USA, CAN	



# PARTS

C 8FSE

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
51	998-844	HOLDER	1		
52	949-610	BOLT M6X10 (10 PCS.)	1		
53	324-400	LINER	3		
54	329-419	FENCE (A)	1		
55	329-414	BASE ASS'Y	1	INCLUD. 52, 56, 57	
56	323-606	BASE RUBBER	4		
57	315-210	SCALE (A)	1		
* 58		CAUTION LABEL (A)	1		
* 58		CAUTION LABEL (B)	1	FOR USA, CAN	
81	322-889	SLEEVE	1		
82	329-410	SPRING	1		
83	961-554	HEX. SOCKET SET SCREW M8X10	4		
84	329-427	HINGE (A) ASS'Y	1	INCLUD. 83, 97	
85	949-237	MACHINE SCREW M5X12 (10 PCS.)	1		
86	998-980	SPACER	1		
87	329-411	LINK	1		
88	320-141	HINGE SHAFT (A)	1		
89	984-528	O-RING (P-6)	1		
90	302-518	STOPPER PIN ASS'Y	1	INCLUD. 89	
91	324-058	HINGE COVER	1		
92	949-429	BOLT WASHER M4 (10 PCS.)	5		
93	949-215	MACHINE SCREW M4X8 (10 PCS.)	3		
* 94	500-234Z	CORD	1	(CORD ARMOR D10.1)	
* 94	500-247Z	CORD	1	(CORD ARMOR D10.1) FOR FIN, DEN, SWE, NOR	
* 94	500-461Z	CORD	1	(CORD ARMOR D10.1) FOR GBR (110V)	
* 94	500-435Z	CORD	1	(CORD ARMOR D10.1) FOR GBR (230V)	
* 94	500-447Z	CORD	1	(CORD ARMOR D10.1) FOR SUI	
* 94	500-434Z	CORD	1	(CORD ARMOR D10.1) FOR USA, CAN	
* 94	930-055	CORD	1	(CORD ARMOR D10.1) FOR VEN	
* 94	500-439Z	CORD	1	(CORD ARMOR D10.1) FOR AUS	
* 94	500-423Z	CORD	1	(CORD ARMOR D10.1) FOR KUW, SIN	
* 94	500-456Z	CORD	1	(CORD ARMOR D10.1) FOR CHN	
* 94	500-455Z	CORD	1	(CORD ARMOR D10.1) FOR THA	
* 94	500-234Z	CORD	1	(CORD ARMOR D10.1) FOR INA	
95	935-196	MACHINE SCREW (W/WASHERS) M4X12 (BLACK)	1		
* 96	948-614	NYLON CLIP	1		
* 96	948-193	NYLON CLIP	1	FOR GBR (110V), USA, CAN, VEN, TPE	
97	329-492	SUPPORT	1		
98	949-215	MACHINE SCREW M4X8 (10 PCS.)	1		
99	329-424	BALL BUSHING	1		
100	326-141	BUSHING	1		
101	324-418	KNOB BOLT M6X25	1		
102	947-859	LOCK SPRING	1		
103	307-956	SEAL LOCK HEX. SOCKET SET SCREW M6X10	1		
104	949-217	MACHINE SCREW M4X12 (10 PCS.)	1		
105	321-329	INDICATOR	1		
106	301-575	HEX. SOCKET SET SCREW M6X8	2		
107	305-558	TAPPING SCREW (W/FLANGE) D5X25 (BLACK)	1		
108	303-409	NYLOCK BOLT M8X25	2		
109	329-428	HOLDER (A)	1		

# PARTS

C 8FSE

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
110	324-372	GUARD ASS'Y	1	INCLUD. 107	
151	984-750	TAPPING SCREW (W/FLANGE) D4X16	2		
152	938-051	CORD ARMOR D10.1	1		
153	937-631	CORD CLIP	1		
154	329-437	HOUSING ASS'Y	1	INCLUD. 157, 158	
155		NAME PLATE	1		
156	322-123	MACHINE SCREW (W/WASHERS) M5X40 (BLACK)	3		
157	938-477	HEX. SOCKET SET SCREW M5X8	2		
158	957-571	BRUSH HOLDER	2		
* 159	999-001	CARBON BRUSH (1 PAIR)	2		
* 159	999-021	CARBON BRUSH (1 PAIR)	2	FOR GBR (110V), USA, CAN, VEN, TPE	
160	931-266	BRUSH CAP	2		
161	301-653	TAPPING SCREW (W/FLANGE) D4X20 (BLACK)	7		
162	329-438	HANDLE COVER	1		
163	324-518	FERRITE CORE	1		
* 164	959-141	CONNECTOR 50092 (10 PCS.)	2	FOR USA, CAN	
* 165	329-461	INTERNAL WIRE (G)	1		
* 165	329-430	INTERNAL WIRE (G)	1	FOR USA, CAN	
166	324-424	SWITCH (3P FASTON TYPE) W/O LOCK	1		
* 167	958-308Z	PILLAR TERMINAL (A)	1	EXCEPT FOR USA, CAN	
* 168	329-861	NOISE SUPPRESSOR 220V-240V	1	EXCEPT FOR GBR (110V), USA, CAN, VEN	
* 168	329-862	NOISE SUPPRESSOR 110V	1	FOR GBR (110V), VEN, TPE	
169	329-439	CAP	1		
170	323-433	SPRING	1		
171	323-432	LOCK LEVER	1		
172	329-436	FAN GUIDE	1		
173	960-108	HEX. HD. TAPPING SCREW D4X60	2		
174	931-867	BRUSH TERMINAL	2		
* 175	340-729C	STATOR ASS'Y 110V	1	INCLUD. 174	
* 175	340-729D	STATOR ASS'Y 120V	1	INCLUD. 174	
* 175	340-729E	STATOR ASS'Y 220V-230V	1	INCLUD. 174	
* 175	340-729F	STATOR ASS'Y 240V	1	INCLUD. 174	
176	608-VVM	BALL BEARING 608VVC2PS2L	1		
177	315-877	DUST SEAL	1		
178	600-0VV	BALL BEARING 6000VVCMP2L	1		
179	322-089	BEARING BUSHING	1		
180	322-090	RUBBER BUSHING	1		
* 181	360-839U	ARMATURE ASS'Y 110V-120V	1	INCLUD. 176-178	
* 181	360-839E	ARMATURE ASS'Y 220V-230V	1	INCLUD. 176-178	
* 181	360-839F	ARMATURE ASS'Y 240V	1	INCLUD. 176-178	
182	961-468	KNOB BOLT M6X37	1		
183	988-821	LOCK SPRING	1		
184	303-409	NYLOCK BOLT M8X25	1		
185	996-274	MACHINE SCREW (W/WASHERS) M5X8	1		
186	329-413	SPINDLE COVER	1		
187		WARNING LABEL	1		
188	935-196	MACHINE SCREW (W/WASHERS) M4X12 (BLACK)	1		
189	877-839	SEAL LOCK HEX. SOCKET HD. BOLT M5X10	1		
190	329-431	GEAR CASE	1		
191	328-922	HITACHI PLATE	1		

**C 8FSE**

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# STANDARD ACCESSORIES

C 8FSE

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
501	940-543	BOX WRENCH 10MM	1		
502	322-955	DUST BAG (BLACK)	1		

# OPTIONAL ACCESSORIES

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
601	963-837	NYLON NUT M6	1		
602	329-465	PLATE	1		
603		SUB FENCE	1		
604	949-342	FLAT HD. SCREW M6X25 (10 PCS.)	1		
605	329-464	SUB FENCE ASS'Y	1	INCLUD. 601-604	
606	321-374	CROWN MOLDING STOPPER (L) ASS'Y	1	INCLUD. 607-610	
607	960-017	KNOB BOLT M6X32	1		
608	321-390	CROWN MOLDING STOPPER HOLDER	1		
609		CROWN MOLDING STOPPER (L)	1		
610	301-806	WING BOLT M6X15	1		
611	322-957	WISE (B) ASS'Y	1	INCLUD. 612-618	
612	998-836	KNOB BOLT M6X11	1		
613		SCREW HOLDER (B)	1		
614	306-985	WASHER (H)	1		
615	964-851	BASE RUBBER	1		
616	304-043	MACHINE SCREW (W/WASHERS) M4X10 (BLACK)	1		
617	318-967	WISE SHAFT	1		
618	321-551	KNOB BOLT M10X54	1		
619	329-426	CROWN MOLDING WISE ASS'Y	1	INCLUD. 606, 611	
620	974-561	STOPPER	1		
621	949-404	WING BOLT M6X20 (10 PCS.)	1		
622	321-390	CROWN MOLDING STOPPER HOLDER	1		
623		CROWN MOLDING STOPPER (R)	1		
624	301-806	WING BOLT M6X15	1		
625	321-373	CROWN MOLDING STOPPER (R) ASS'Y	1	INCLUD. 607, 622-624	
626		HOLDER ASS'Y	1	INCLUD. 627-632	
627	321-549	HOLDER	2		
628	949-313	WING NUT M6 (10 PCS.)	2		
629	949-556	NUT M6 (10 PCS.)	2		
630	967-329	WASHER (H)	4		
631	996-261	WISE PLATE	2		
632	996-283	HIGH TENSION BOLT M6X65	2		
633	321-553	GUIDE ASS'Y	1	INCLUD. 607, 620, 621, 626	
634	998-840	TCT SAW BLADE 216MM-D15.88 HOLE-NT24	1		
635	998-858	TCT SAW BLADE 216MM-D25.4 HOLE-NT24	1		
636	998-859	TCT SAW BLADE 216MM-D30 HOLE-NT24	1		