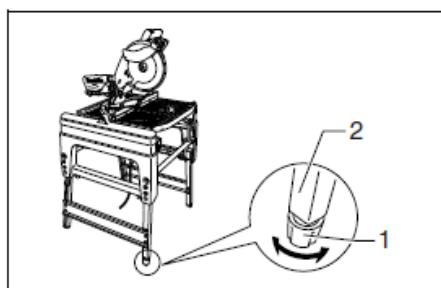




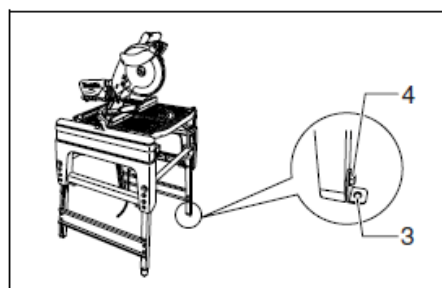
GB	Flip Over Saw	Instruction Manual
F	Scies retournables	Manuel d'instructions
D	Tisch-, Kapp- und Gehrungssäge	Betriebsanleitung
I	Sega combinata	Istruzioni per l'uso
NL	Tafel-, afkort- en verstekzaagcombinatie	Gebruiksaanwijzing
E	Sierra reversible	Manual de instrucciones
P	Serra combinada de esquadria e bancada	Manual de instruções
DK	Vende-sav	Brugsanvisning
S	Vändbar geringssåg/bänksåg	Bruksanvisning
N	Vendbar kapp- og gjæringssag	Bruksanvisning
SF	Kääntösaha	Käyttöohje
GR	Ανάποδο πριόνι	Οδηγίες χρήσεως

LF1000

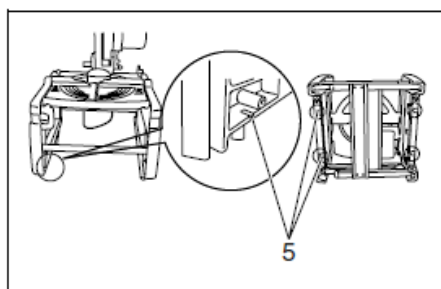




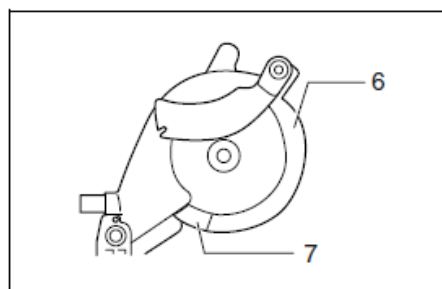
1



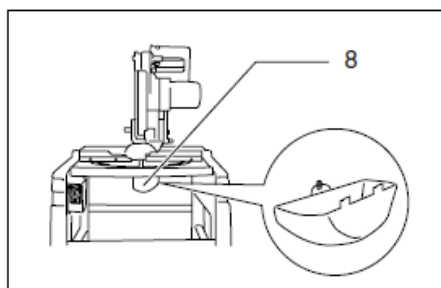
2



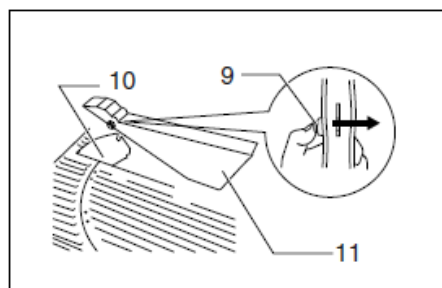
3



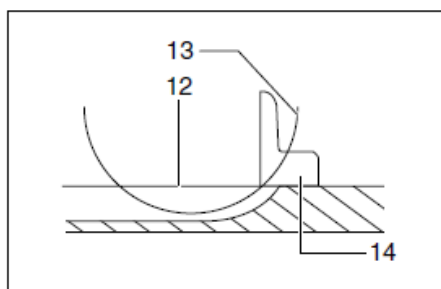
4



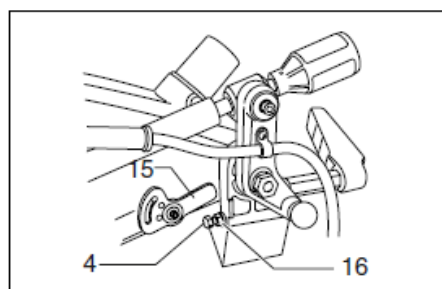
5



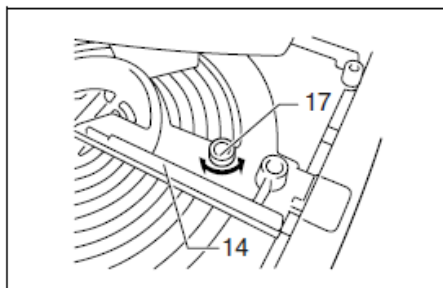
6



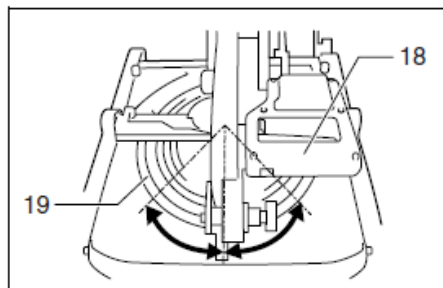
7



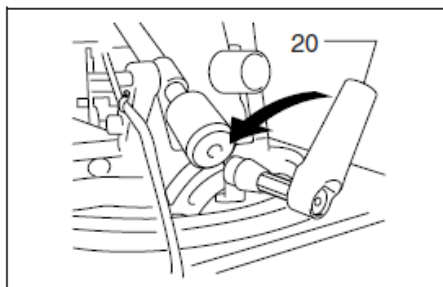
8



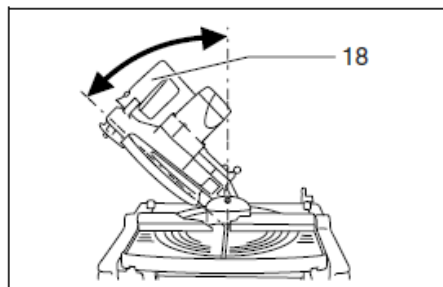
9



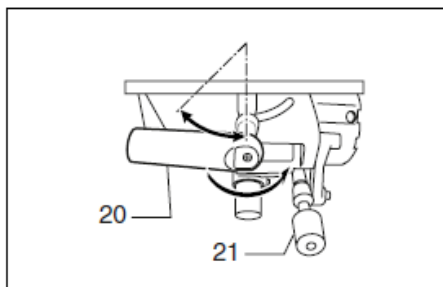
10



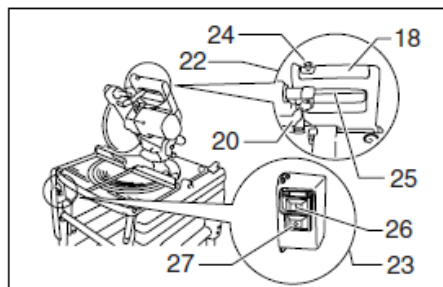
11



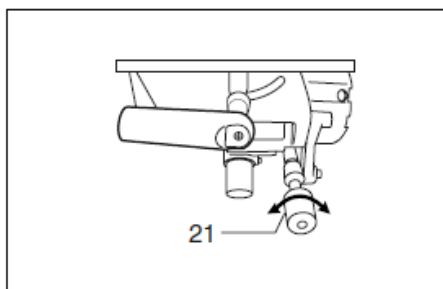
12



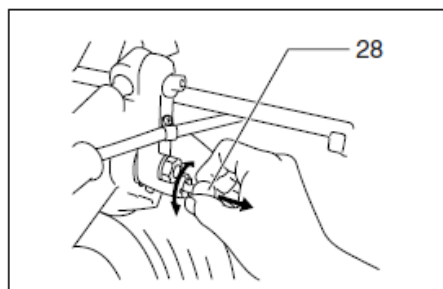
13



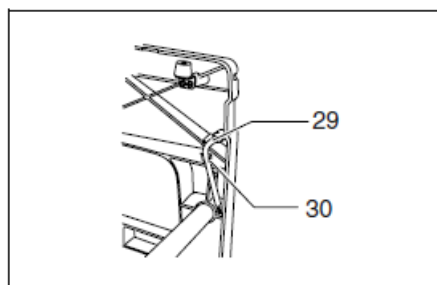
14



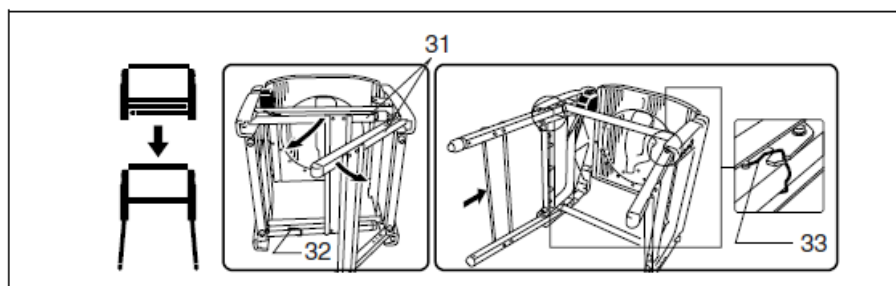
15



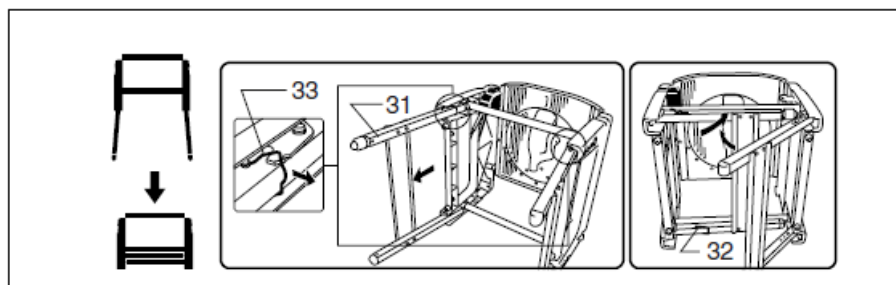
16



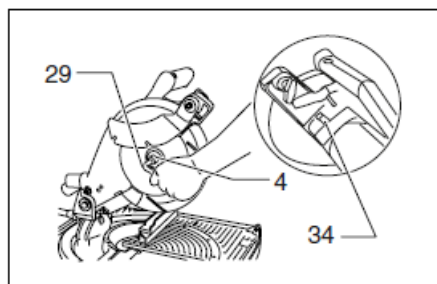
17



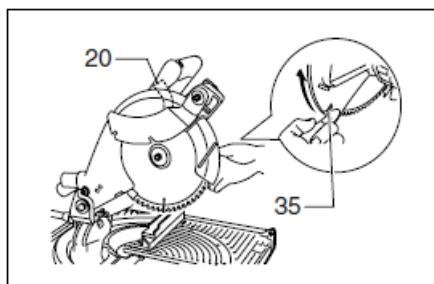
18



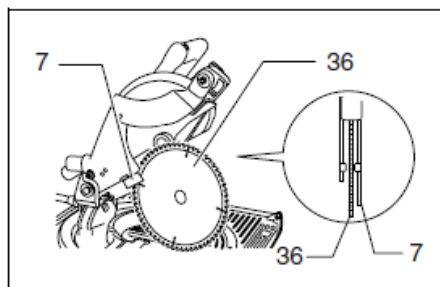
19



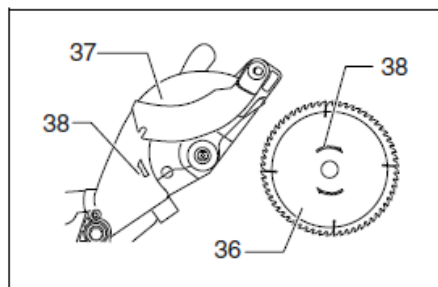
20



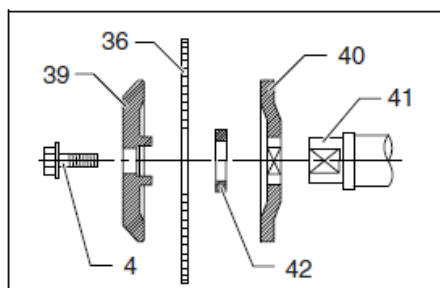
21



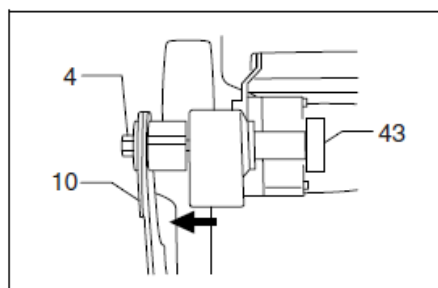
22



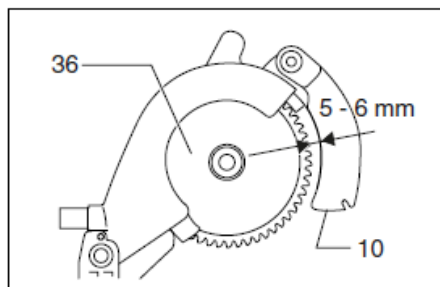
23



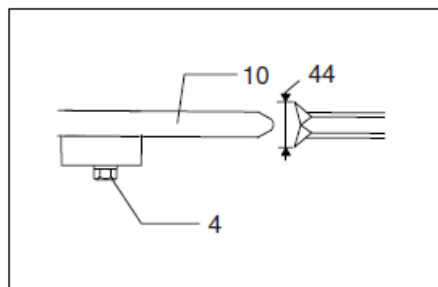
24



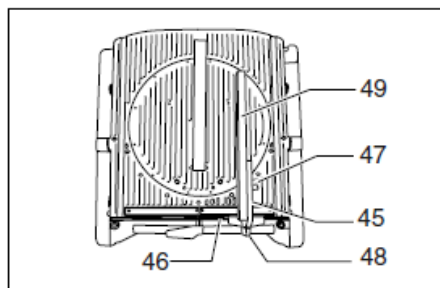
25



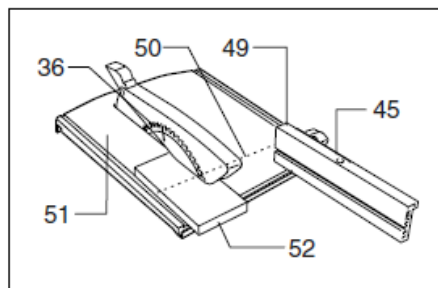
26



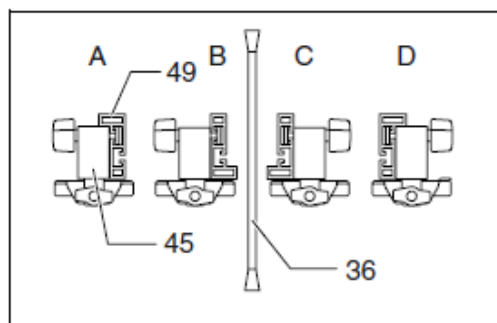
27



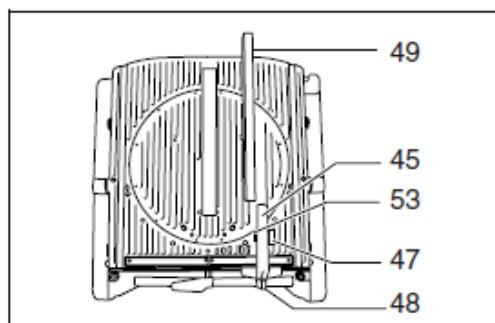
28



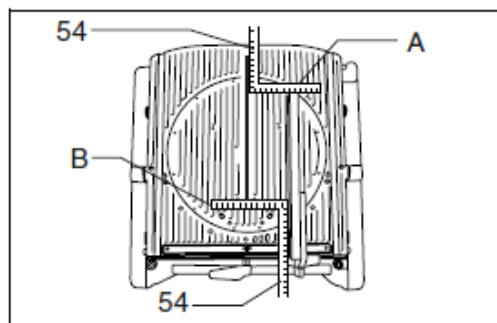
29



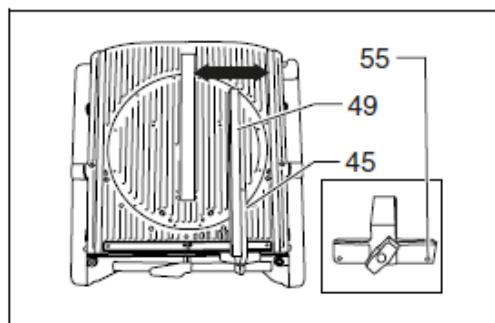
30



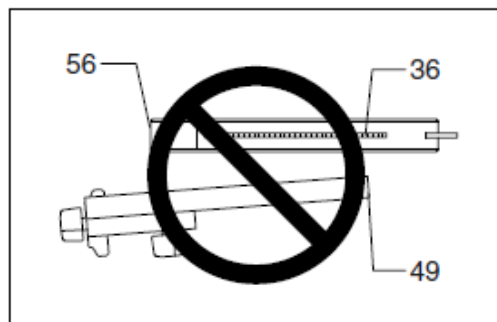
31



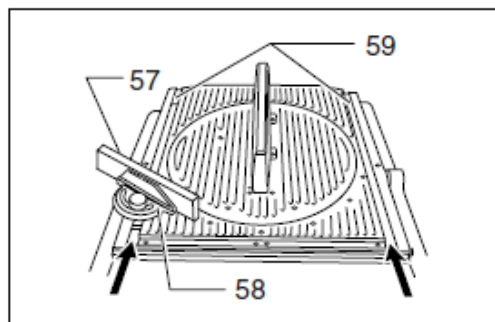
32



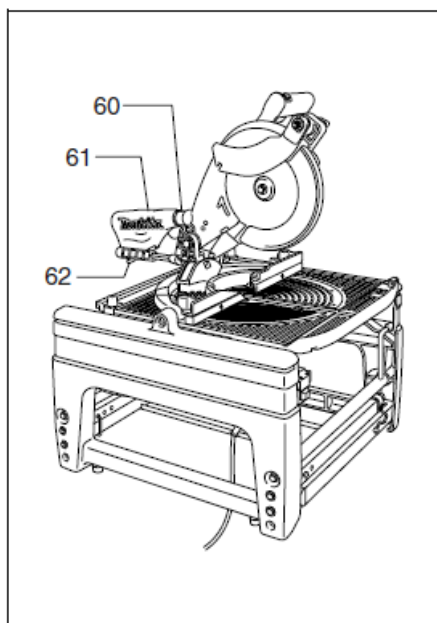
33



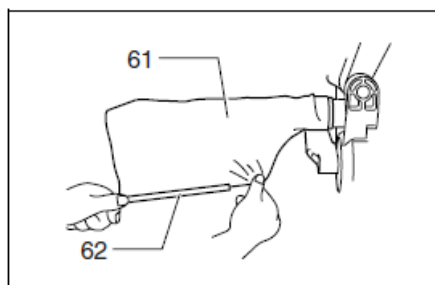
34



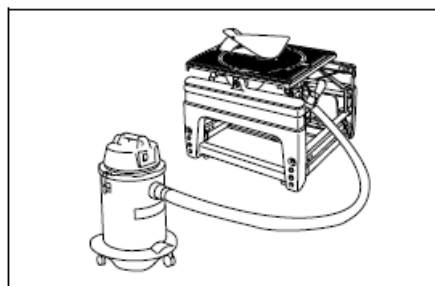
35



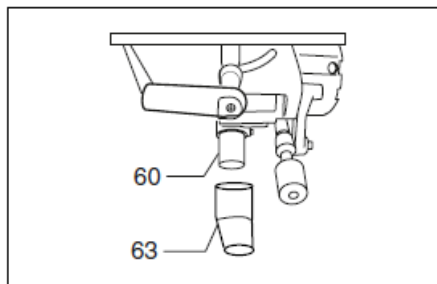
36



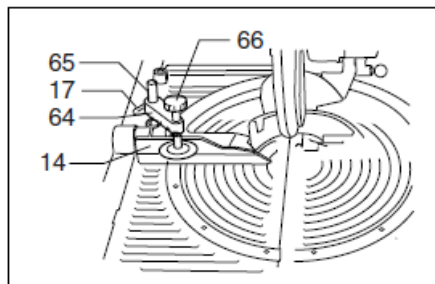
37



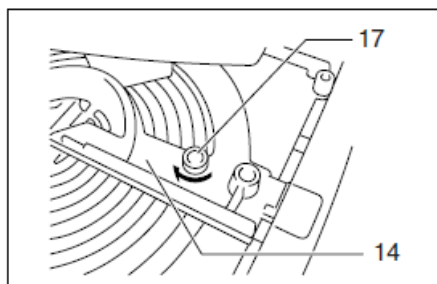
38



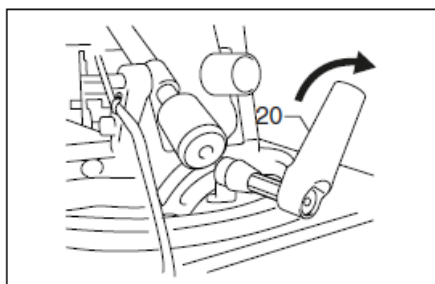
39



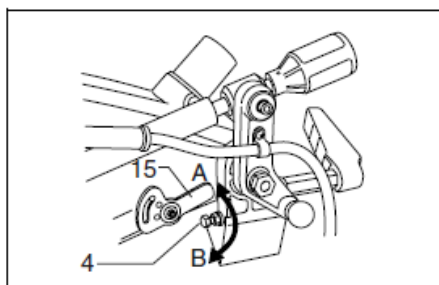
40



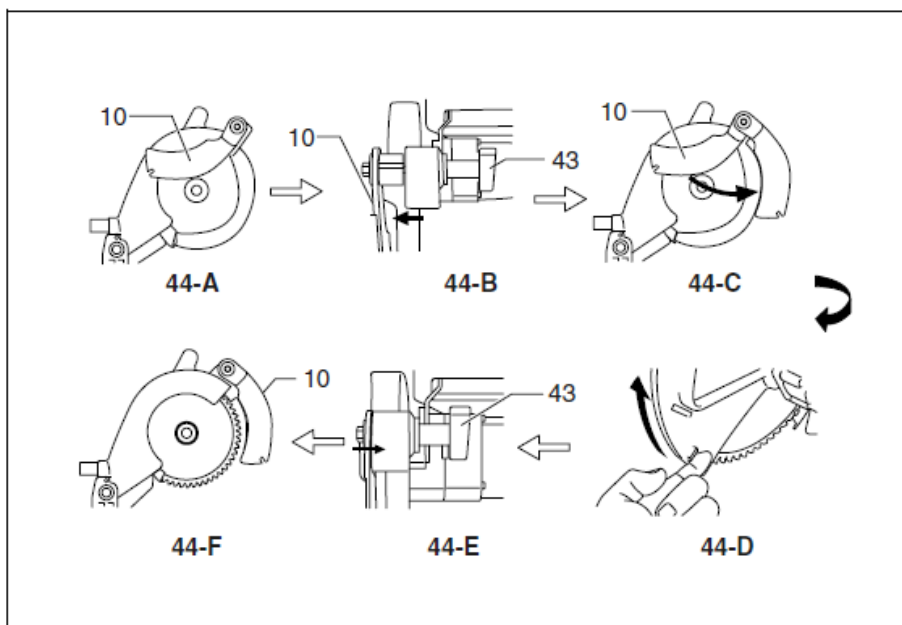
41



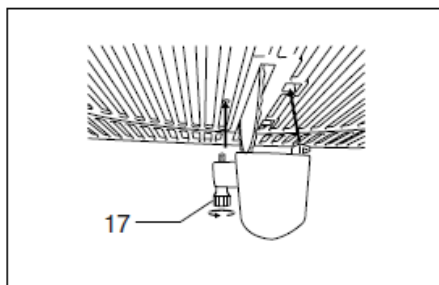
42



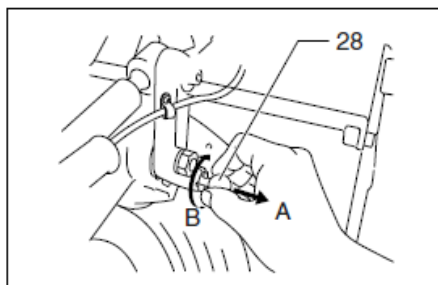
43



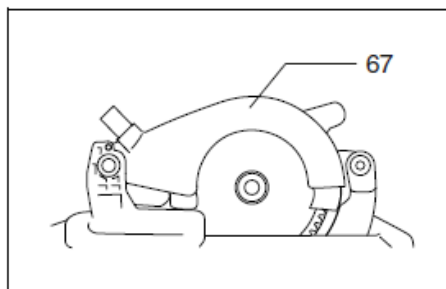
44



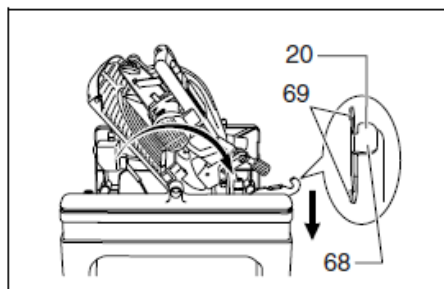
45



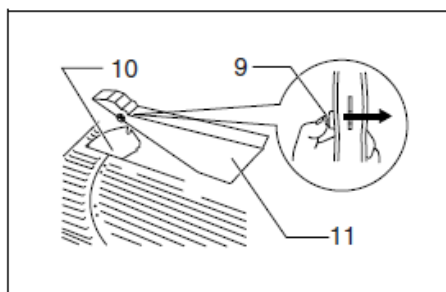
46



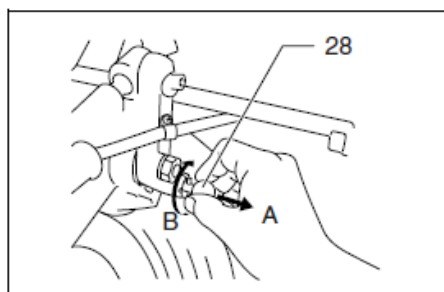
47



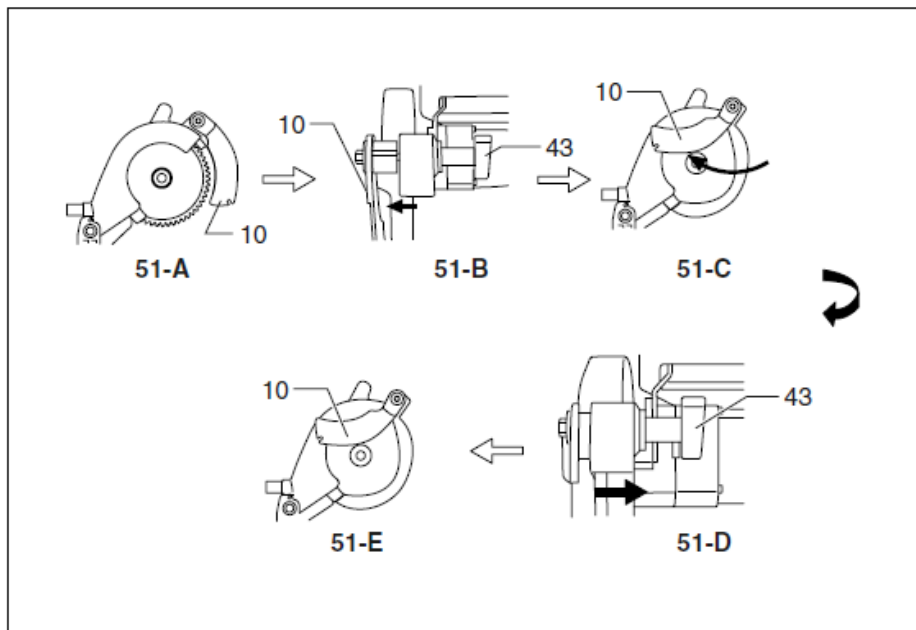
48



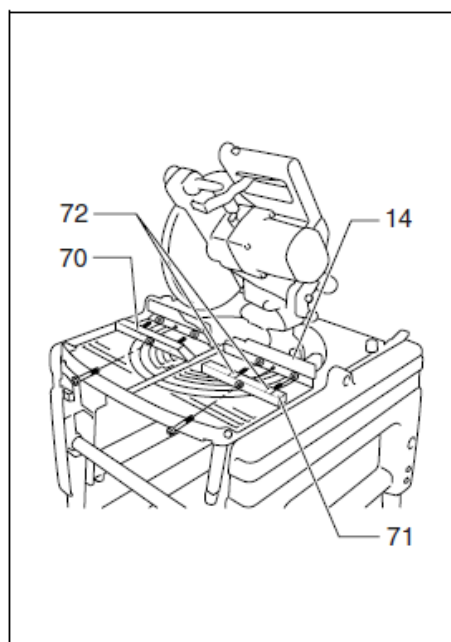
49



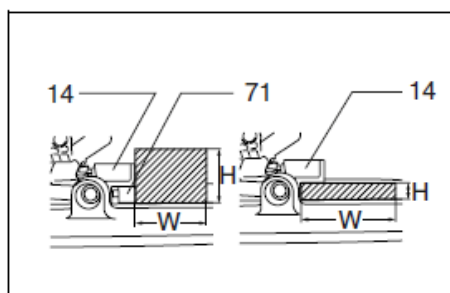
50



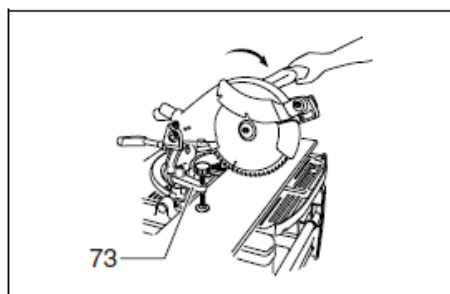
51



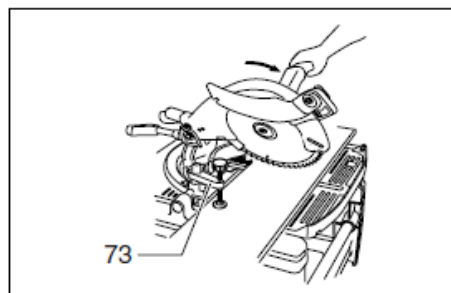
52



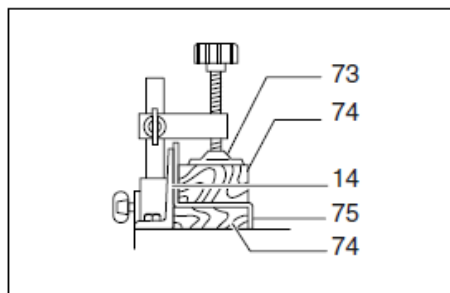
53



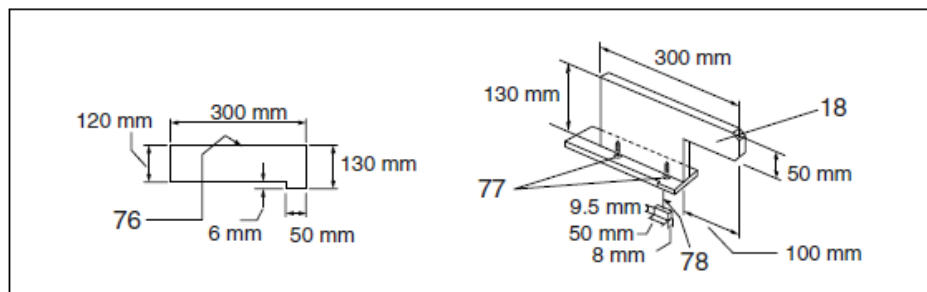
54



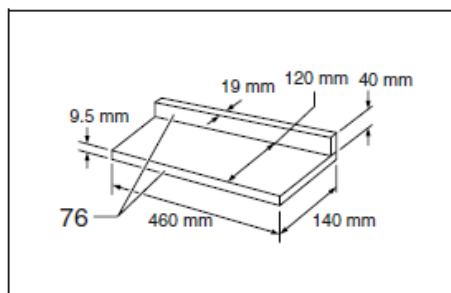
55



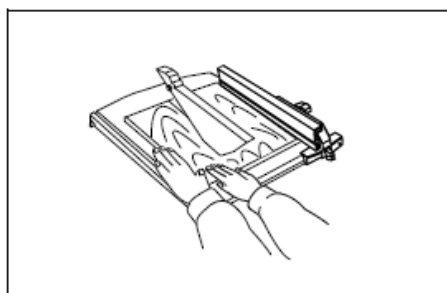
56



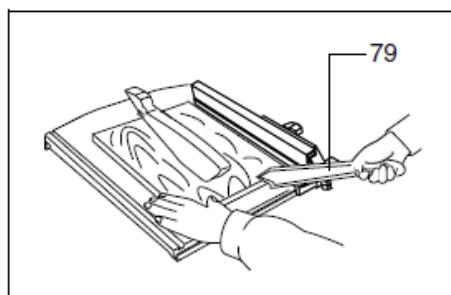
57



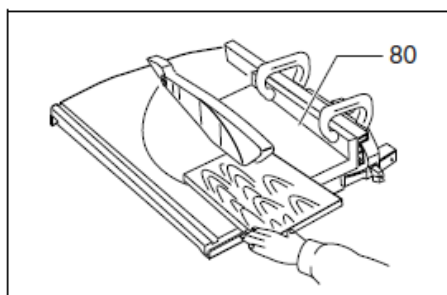
58



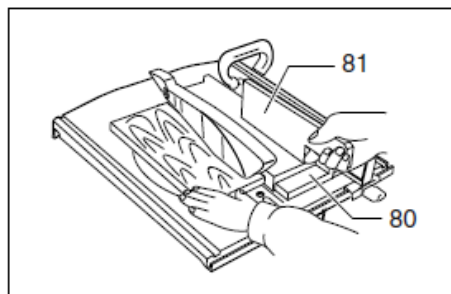
59



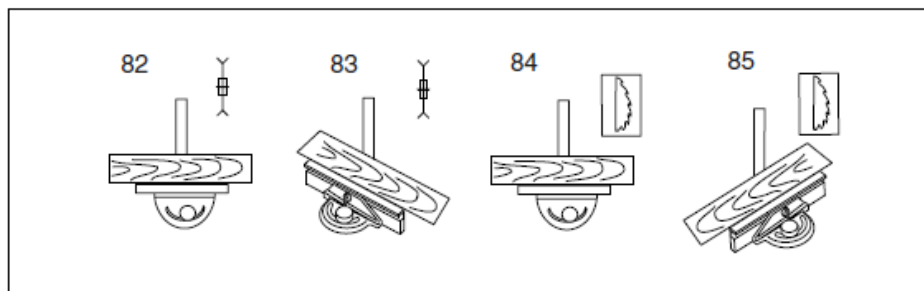
60



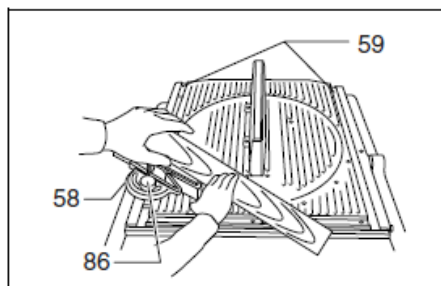
61



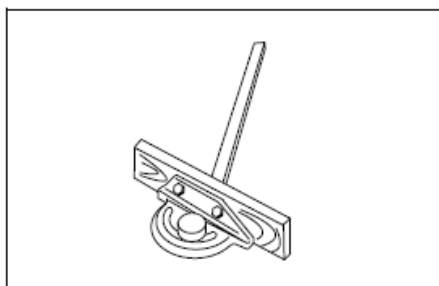
62



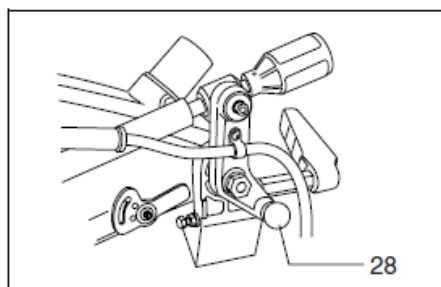
63



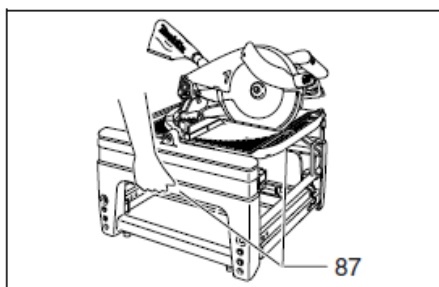
64



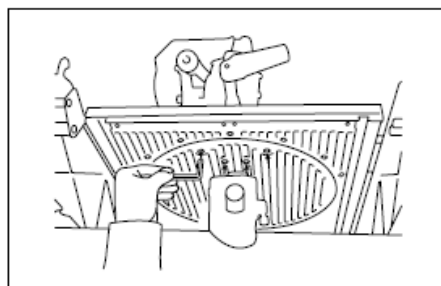
65



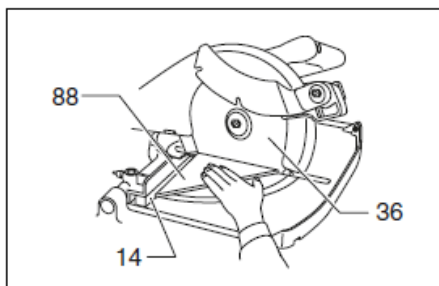
66



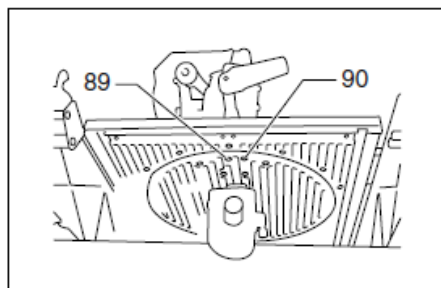
67



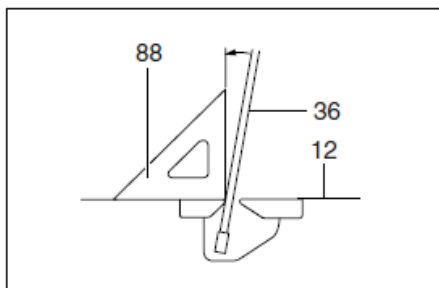
68



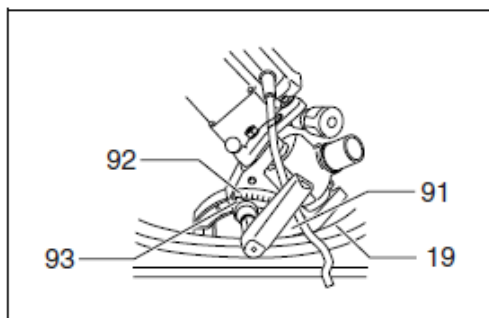
69



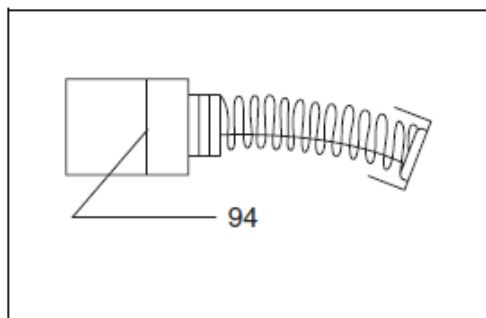
70



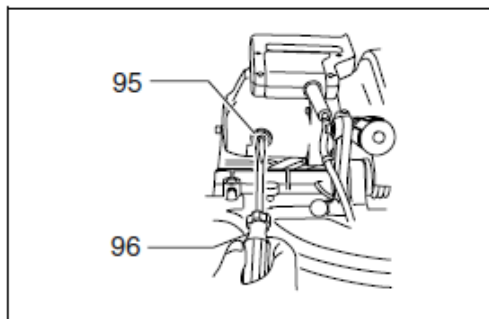
71



72



73



74

Symbols

The followings show the symbols used for the tool. Be sure that you understand their meaning before use.

Symboles

Nous donnons ci-dessous les symboles utilisés pour l'outil. Assurez-vous que vous en avez bien compris la signification avant d'utiliser l'outil.

Simbole

Die folgenden Symbole werden für die Maschine verwendet. Machen Sie sich vor der Benutzung unbedingt mit ihrer Bedeutung vertraut.

Simboli

Per questo utensile vengono usati i simboli seguenti. Bisogna capire il loro significato prima di usare l'utensile.

Symbolen

Voor dit gereedschap worden de volgende symbolen gebruikt. Zorg ervoor dat u de betekenis van deze symbolen begrijpt alvorens het gereedschap te gebruiken.

Símbolos

A continuación se muestran los símbolos utilizados con esta herramienta. Asegúrese de que entiende su significado antes de usarla.

Símbolos

O seguinte mostra os símbolos utilizados para a ferramenta. Certifique-se de que compreende o seu significado antes da utilização.

Symboler

Nedenstående symboler er anvendt i forbindelse med denne maskine. Vær sikker på, at De har forstået symbolernes betydning, før maskinen anvendes.

Symboler

Det följande visar de symboler som används för den här maskinen. Se noga till att du förstår deras innebörd innan maskinen används.

Symbolene

Følgende viser de symbolene som brukes for maskinen. Det er viktig å forstå betydningen av disse før maskinen tas i bruk.

Symbolit

Alla on esitetty koneessa käytetyt symbolit. Opettele näiden merkitys, ennen kuin käytät konetta.

Σύμβολα

Τα ακόλουθα δείχνουν τα σύμβολα που χρησιμοποιούνται για το μηχάνημα. Βεβαιωθείτε ότι καταλαβαίνετε τη σημασία τους πριν από τη χρήση.



- | | |
|--|---|
| ☐ Read instruction manual. | ☐ Leia o manual de instruções. |
| ☐ Lire le mode d'emploi. | ☐ Læs brugsanvisningen. |
| ☐ Bitte Bedienungsanleitung lesen. | ☐ Läs bruksanvisningen. |
| ☐ Leggete il manuale di istruzioni. | ☐ Les bruksanvisningen. |
| ☐ Lees de gebruiksaanwijzing. | ☐ Katso käyttöohjeita. |
| ☐ Lea el manual de instrucciones. | ☐ Διαβάστε τις οδηγίες χρήσης. |



- | | |
|---|--|
| ☐ DOUBLE INSULATION | ☐ DUPLO ISOLAMENTO |
| ☐ DOUBLE ISOLATION | ☐ DOBBELT ISOLERET |
| ☐ DOPPELT SCHUTZISOLIERT | ☐ DUBBEL ISOLERING |
| ☐ DOPPIO ISOLAMENTO | ☐ DOBBEL ISOLERING |
| ☐ DUBBELE ISOLATIE | ☐ KAKSINKERTAINEN ERISTYS |
| ☐ DOBLE AISLAMIENTO | ☐ ΔΙΠΛΗ ΜΟΝΩΣΗ |



- ☐ To avoid injury from flying debris, keep holding the saw head down, after making cuts, until the blade has come to a complete stop.
- ☐ Pour éviter les blessures causées par les objets projetés, maintenez la tête de la scie en position basse une fois la coupe terminée, jusqu'à ce que la lame soit complètement arrêtée.
- ☐ Um Verletzungen durch herausgeschleuderte Teile zu vermeiden, halten Sie den Sägekopf nach Ausführung von Schnitten abgesenkt, bis das Sägeblatt völlig zum Stillstand gekommen ist.
- ☐ Per evitare lesioni dalle schegge volanti, dopo aver eseguito il taglio tenere abbassata la testa sega finché la lama non si è arrestata completamente.
- ☐ Om verwonding door weggeslingerde zaagafval te voorkomen, dient u na het voltooiën van een snede de zaagkop omlaag te houden totdat het zaagblad volledig tot stilstand is gekomen.
- ☐ Para evitar sufrir heridas a causa de restos que salen despedidos, siga sujetando la cabeza de la sierra hacia abajo, al terminar los cortes, hasta que el disco se haya parado completamente.
- ☐ Para evitar danos causados por aparas que saltem, mantenha a cabeça da serra para baixo, depois de terminar os cortes, até que a lâmina esteja completamente parada.
- ☐ For at undgå at komme til skade på grund af flyvende affald, skal man holde savhovedet nede efter skæring, indtil savklingen står helt stille.
- ☐ För att inte skadas av kringflygande flis efter genomförd sågning ska såghuvudet hållas nere tills klingan har stannat helt.
- ☐ For å unngå skader som følge av flygende flis, må du holde saghodet nede etter at sagingen er avsluttet, helt til bladet har stoppet helt.
- ☐ Pidä sahan pää sahausken jälkeen alhaalla, kunnes saha on kokonaan pysähtynyt välttääksesi lentävien roskien aiheuttaman loukkaantumisen.
- ☐ Για να αποφύγετε τραυματισμό από ιπτάμενα τεμαχίδια, κρατάτε το πριόνι με το κεφάλι προς τα κάτω, αφού κάνετε κοπές, μέχρι η λάμα να σταματήσει τελείως.



- ☐ Do not place hand or fingers close to the blade.
- ☐ Ne pas placer les mains ou les doigts près de la lame.
- ☐ Halten Sie Hände oder Finger vom Sägeblatt fern.
- ☐ Non avvicinare le mani o le dita alla lama.
- ☐ Kom met uw handen of vingers niet te dicht bij het zaagblad.
- ☐ No ponga la mano ni los dedos cerca del disco.
- ☐ Não coloque a sua mão ou dedos perto da lâmina.
- ☐ Hold hænder og fingre på god afstand af klingen.
- ☐ Håll inte händer eller fingrar i närheten av klingan.
- ☐ Ikke plasser hånd eller fingre i nærheten av bladet.
- ☐ Älä sijoita käsiä äläkä sormia terän lähelle.
- ☐ Μη βάζετε το χέρι ή τα δάκτυλα κοντά στην λάμα.



- ☐ For your safety, remove chips, small pieces, etc. from the table top before operation.
- ☐ Pour votre sécurité, retirez les copeaux et autres petites pièces présentes sur la table avant de commencer le travail.
- ☐ Zur Sicherheit sollte die Tischplatte vor dem Betrieb von Spänen, Kleinteilen usw. gesäubert werden.
- ☐ Per la propria sicurezza, togliere i trucioli, frammenti, ecc., dalla superficie superiore del piano di taglio prima di procedere.
- ☐ Verwijder voor uw eigen veiligheid zaagafval, stukjes hout e.d. van de werktafel alvorens te gaan zagen.
- ☐ Por su propia seguridad, retire las virutas, trozos pequeños, etc., de encima de la mesa de trabajo antes de iniciar la tarea.
- ☐ Para sua segurança, retire aparas, peças pequenas, etc., de cima da bancada antes da operação.
- ☐ Af sikkerhedsårsager skal spåner, små stykker etc. fjernes fra bordtoppen inden anvendelsen.
- ☐ Av säkerhetsskäl bör flisor och småbitar avlägsnas från bordet före användningen.
- ☐ For din egen sikkerheds skyld må du fjerne trebiter, flis osv. fra sagbordet før du begynder å bruke maskinen.
- ☐ Poista turvallisuuden vuoksi lastut, pienet palaset yms. pöydältä ennen työskentelyä.
- ☐ Για την ασφάλειά σας, αφαιρέστε τα αποκοπίδια, μικρά κομμάτια, κλπ. από το τραπέζι πριν από την λειτουργία.



- ☐ Unplug the tool before turning it over around the axis.
- ☐ Débranchez l'outil avant de le faire tourner sur son axe.
- ☐ Ziehen Sie den Netzstecker ab, bevor Sie das Werkzeug um die Drehachse kippen.
- ☐ Staccare l'utensile dalla presa di corrente prima di ruotarlo intorno agli assi.
- ☐ Trek de stekker uit het stopcontact voordat u de machine om zijn as draait.
- ☐ Desenchufe la herramienta antes voltearla alrededor del eje.
- ☐ Desligue a ferramenta da corrente antes de a rodar à volta da linha central.
- ☐ Tag maskinen ud af forbindelse, inden det drejes omkring aksen.
- ☐ Dra ut maskinens sladd innan sågen fälls runt sin axel.
- ☐ Koble verktøyet fra strømmettet før du snur det om sin egen akse.
- ☐ Irrota kone pistorasista ennen kuin käännät sitä akselin ympäri.
- ☐ Αποσυνδέστε το εργαλείο πριν το αναποδογυρίσετε γύρω στον άξονά του.



- ☐ Position hands properly when carrying.
- ☐ Placez vos mains correctement pour le transporter.
- ☐ Hände zum Tragen korrekt positionieren.
- ☐ Per il trasporto, posizionare correttamente le mani.
- ☐ Plaats uw handen op de juiste wijze bij het dragen.
- ☐ Transporte la herramienta agarrándola con las manos por las partes correctas.
- ☐ Posicione as mãos correctamente quando transporta.
- ☐ Hold saven på korrekt vis, når den bæres.
- ☐ Placera händerna på ställen när maskinen bärs.
- ☐ Hold hendene på riktig sted når du bærer sagen.
- ☐ Aseta kädet oikein kantaessasi.
- ☐ Τοποθετήστε κατάλληλα τα χέρια σας όταν το μεταφέρετε.



- ☐ Do not lift up the top end of the rip fence when installing or removing it.
- ☐ Ne soulevez pas le garde parallèle par son extrémité supérieure pour l'installer ou le retirer.
- ☐ Heben Sie den Parallelanschlag beim Installieren oder Entfernen nicht an der Oberseite hoch.
- ☐ Non si deve sollevare l'estremità superiore della guida pezzo quando la si installa o la si rimuove.
- ☐ Til het verste uiteinde van de schulpgeleider niet op bij het plaatsen of verwijderen ervan.
- ☐ No levante el extremo superior de la guía de corte al hilo cuando la instale o la quite.
- ☐ Não levante a extremidade superior da guia paralela quando a instala ou retira.
- ☐ Løft ikke den øverste ende af kløveanslaget op, når De monterer eller afmonterer det.
- ☐ Lyft inte riktlinjalen i dess överdel när du monterar eller tar bort den.
- ☐ Ikke løft opp den øverste enden av parallellanlegget når du installerer eller fjerner det.
- ☐ Älä käännä ohjaimen yläosaa ylös, kun kiinnität tai irrotat sitä.
- ☐ Μην ανυψώνετε την άνω άκρη του φράκτη σχισίματος κατά την τοποθέτηση ή την αφαίρεση του.

ENGLISH

Explanation of general view

1	Adjusting bolt	33	Stopper	67	Saw head locked in the fully lowered position
2	Foot	34	Shaft lock	68	Area of lever for hand/finger to be placed on
3	Fix plate	35	Lifting lever	69	Hooking parts
4	Hex. bolt	36	Saw blade	70	Sub fence L
5	U-shaped grooves	37	Blade case	71	Sub fence R
6	Lower blade guard A	38	Arrow	72	Pin
7	Lower blade guard B	39	Outer flange	73	Vise (accessory)
8	Lower blade guard C (used in the miter saw mode only)	40	Inner flange	74	Spacer block
9	Push button	41	Spindle	75	Aluminum extrusion
10	Riving knife	42	Ring	76	Face/edge parallel
11	Top blade guard (used in the table saw mode)	43	Clamping nut	77	Wood screw
12	Top surface of turn table	44	Blade width	78	Guide together
13	Periphery of blade	45	Rip fence holder	79	Push stick
14	Guide fence	46	Guide rail	80	Auxiliary fence
15	Lower limit stopper	47	Clamping screw (A)	81	Push block
16	Nut	48	Clamping screw (B)	82	Cross cutting
17	Clamping screw	49	Rip fence	83	Mitering
18	Handle	50	Line to be aligned with: Line (A)	84	Bevel cutting
19	Turn table	51	Top table	85	Compound mitering (angles)
20	Lever	52	Workpiece	86	Knob
21	Cutting depth adjusting knob	53	Square nut	87	Tool part to be held carrying
22	Switch in the miter saw mode	54	Scale	88	Triangular rule
23	Switch in the table saw mode	55	Adjusting screw	89	0° adjusting bolt
24	Lock-off button	56	Top blade guard	90	45° adjusting bolt
25	Switch lever	57	Miter gauge fence	91	Arm
26	On button	58	Miter gauge	92	Bevel scale
27	Off button	59	Groove	93	Pointer
28	Stopper pin	60	Dust nozzle	94	Limit mark
29	Socket wrench	61	Dust bag	95	Brush holder cap
30	Wrench holder	62	Fastener	96	Screwdriver
31	Feet	63	Elbow		
32	Hook	64	Vise arm		
		65	Vise rod		
		66	Vise knob		

SPECIFICATION

Model.....	LF1000
Blade diameter	260 mm
Hole diameter	
For European countries	30 mm
Max. Cutting capacities (H x W) with blade 260 mm in diameter in the miter saw mode	

Bevel angle	Miter angle
	0°
0°	20 mm x 210 mm
	68 mm x 155 mm
45° (left)	50 mm x 150 mm

Max. Cutting capacities at 90° in the table saw (bench saw mode).....	70 mm
No load speed (min ⁻¹).....	2,700
Table size (W x L)	500 mm x 555 mm
Dimensions (L x W x H1 (Note 1) / H2 (Note 2)) at miter saw mode	660 mm x 650 mm x 1,220 mm / 800 mm
in table saw mode.....	660 mm x 650 mm x 1,060 mm / 845 mm
Net weight.....	32 kg
Safety class	II

(Note 1) H1: Height up to the tool head

(Note 2) H2: Height up to the table

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.
- Note: Specifications may differ from country to country.

Intended use

The tool is intended for accurate straight and miter cutting in wood. The tool can be used both in miter saw mode and in table saw mode by turning over the table around its axis.

Power supply

The tool should be connected only to a power supply of the same voltage as indicated on the nameplate, and can only be operated on single-phase AC supply. They are double-insulated in accordance with European Standard and can, therefore, also be used from sockets without earth wire.

Safety hints

For your own safety, please refer to the enclosed safety instructions.

ADDITIONAL SAFETY RULES FOR TOOL

ENB094-1

For both miter saw mode and table saw (bench saw) mode:

1. Wear eye and hearing protection. Other suitable personal protective equipment should be worn.
2. NEVER wear gloves during operation except for replacing saw blades or handling rough material before operation.
3. Keep the floor area around the tool level well maintained and free of loose materials e.g. chips and cut-offs.
4. Do not operate saw without guards and riving knife in place. Check blade guards for proper closing before each use. Do not operate saw if blade guards do not move freely and close instantly. Never clamp or tie the blade guards into the open position. Any irregular operation of the blade guards should be corrected immediately.
5. Clean and be careful not to damage the spindle, flanges (especially the installing surface) and hex bolt before or when installing the blade. Damage to these parts could result in blade breakage. Poor installation may cause vibration/wobbling or slippage of the blade. Use only flanges specified for this tool.
6. Check the blade carefully for cracks or damage before operation. Do not use saw blade which are damaged or deformed.
7. Use only saw blades recommended by the manufacturer and which conform to EN847-1, and observe that the riving knife must not be thicker than the width of the cut by the saw blade and not thinner than the body of the blade.
8. Always use accessories recommended in this manual. Use of improper accessories such as abrasive cut-off wheels may cause an injury.
9. Select the correct saw blade for the material to be cut.
10. Do not use saw blades manufactured from high speed steel.
11. To reduce the emitted noise, always be sure that the blade is sharp and clean.
12. Use correctly sharpened saw blades. Observe the maximum speed marked on the saw blade.
13. Do not cut metals such as nails and screws. Inspect for and remove all nails, screws and other foreign matter from the workpiece before operation.
14. Knock out any loose knots from workpiece BEFORE beginning to cut.
15. Don't use the tool in the presence of flammable liquids or gases.
16. For your safety, remove the chips, small pieces, etc. from the work area and table top before plugging the tool and starting operation.
17. The operator is adequately trained in the use, adjustment and operation of the tool.
18. Keep hands and make your bystander and yourself position out of path of and not in line with saw blade. Avoid contact with any coasting blade. It can still cause severe injury and never reach around saw blade.
19. Be alert at all times, especially during repetitive, monotonous operations. Don't be lulled into a false sense of security. Blades are extremely unforgiving.
20. Make sure the shaft lock is released before the switch is turned on.
21. Before using the tool on an actual workpiece, let it run for a while. Watch for vibration or wobbling that could indicate poor installation or a poorly balanced blade.
22. Wait until the blade attains full speed before cutting.
23. The tool should not be used for slotting, rabbeting or grooving.
24. Refrain from removing any cut-offs or other parts of the workpiece from the cutting area whilst the tool is running and the saw head is not in the rest position.
25. Stop operation immediately if you notice anything abnormal.
26. Turn off tool and wait for saw blade to stop before moving workpiece or changing settings.
27. Unplug tool before changing blade, servicing or not in use.
28. Some dust created from operation contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
 - lead from lead-based-painted material and,
 - arsenic and chromium from chemically-treated lumber.Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.
29. Connect the tool to a dust collecting device when sawing.
30. Make sure that the table is securely fixed with the lever after turning it over.

When using in miter saw mode:

31. Do not use the saw to cut other than wood, aluminum or similar materials.
32. Do not perform operation freehand when cutting workpiece in an area close to saw blade. The workpiece must be secured firmly against the turn table and guide fence during all operations.
33. Make sure that the turn table is properly secured so it will not move during operation.
34. Make sure that the arm is securely fixed when beveling. Tighten the lever clockwise to fix the arm.
35. Make sure the blade does not contact the turn table in the lowest position and is not contacting the workpiece before the switch is turned on.
36. Hold the handle firmly. Be aware that the saw moves up or down slightly during start-up and stopping.

When using in the table saw (bench saw) mode:

37. Do not perform any operation freehand. Free-hand means using your hands to support or guide the workpiece, in lieu of a rip fence.
38. Make sure that the turn table is fixed securely.
39. Make sure that the arm is securely fixed in the working position. Tighten the lever clockwise to fix the arm.
40. Use a push stick or a push block to avoid working with the hands and fingers close to the saw blade.
41. Make sure the blade is not contacting the riving knife or workpiece before the switch is turned on.
42. Always store the push-stick when it is not in use.
43. Pay particular attention to instructions for reducing risk of KICKBACK. KICKBACK is a sudden reaction to a pinched, bound or misaligned saw blade. KICKBACK causes the ejection of the workpiece from the tool back towards the operator. KICKBACKS CAN LEAD TO SERIOUS PERSONAL INJURY. Avoid KICKBACKS by keeping the blade sharp, by keeping the rip fence parallel to the blade, by keeping the riving knife and blade guard in place and operating properly, by not releasing the workpiece until you have pushed it all the way past the blade, and by not ripping a workpiece that is twisted or warped or does not have a straight edge to guide along the fence.
44. Avoid abrupt, fast feeding. Feed as slowly as possible when cutting hard workpieces. Do not bend or twist workpiece while feeding. If you stall or jam the blade in the workpiece, turn the tool off immediately. Unplug the tool. Then clear the jam.
45. Before turning over the tool, always make sure that the stopper pin has securely locked the tool head in the lowest position.

SAVE THESE INSTRUCTIONS.

INSTALLATION

CAUTION:

- Keep the floor area around the tool level well maintained and free of loose materials such as chips and cut-offs.

Bench mounting (Fig. 1, 2 & 3)

For the fully-extended feet set up as the high table

When the tool cannot be set up stable, turn the adjusting nut at the foot of the tool for proper stability. Turn counter-clockwise in top viewing to make the foot shorter and clockwise in top viewing to make it longer. After adjustment, make sure that the tool keep stable.

Install the fix plates with its angled end pointing outwards onto three feet of the tool with hex bolts. And secure the tool to the stable and level surface using bolt holes provided in the fix plates with three bolts.

For the folded feet set up as the low table

When the tool is ready in the foot-folded position, secure the tool by using U-shaped grooves shown in the figure.

FUNCTIONAL DESCRIPTION

CAUTION:

- Always be sure that the tool is switched off and unplugged before adjusting or checking function on the tool.

Blade guard (Fig. 4, 5 & 6)

CAUTION:

- Make sure that the handle cannot be lowered without pushing the lever nearby the handle to the left.
- Make sure that the lower blade guards A dose not open unless the lever near the handle is pushed at the top-most position of the handle.
- Make sure that the lower blade guard C is installed before using in miter saw mode.

When lowering the handle while pushing the lever to the left, the lower blade guard A rises automatically. The lower blade guard B rises as it contacts a workpiece. The lower blade guards are spring loaded so it returns to its original position when the cut is completed and the handle is raised. The top blade guard falls flat on the table surface after workpiece has passed under it. NEVER DEFEAT OR REMOVE THE LOWER BLADE GUARDS, THE SPRING WHICH ATTACHES TO THE LOWER BLADE GUARD, OR THE TOP BLADE GUARD except for the note below.

In the interest of your personal safety, always maintain each blade guard in good condition. Any irregular operation of the guards should be corrected immediately. Check to assure spring loaded return action of the lower blade guards. NEVER USE THE TOOL IF THE LOWER BLADE GUARD, SPRING OR THE TOP BLADE GUARD ARE DAMAGED, FAULTY OR REMOVED except for the note below. DOING SO IS HIGHLY DANGEROUS AND CAN CAUSE SERIOUS PERSONAL INJURY.

NOTE:

- There are the following exceptions for removal of guards. Only when using in the table saw mode, the lower blade guard C is removed. Only when using in the miter saw mode, the top blade guard is removed.

If any of these see-through blade guards becomes dirty, or sawdust adheres to it in such a way that the blade is no longer easily visible, unplug the saw and clean the guards carefully with a damp cloth. Do not use solvents or any petroleum-based cleaners on the plastic guard.

If the lower blade guard A is especially dirty and vision through the guard is impaired, proceed as follows. Raise the handle fully. Remove the saw blade (Refer to the section "Installing or removing saw blade"). Raise the lower blade guard A while pushing the lever to the left. With the lower blade guard A so positioned, cleaning can be more completely and efficiently accomplished. When cleaning is complete, reverse procedure above and secure bolt.

In the same case for the top blade guard as above stated, push in the button at its front to the surface top and remove the top blade guard. After cleaning, always reinstall it securely.

If any of these blade guards becomes discolored through age or UV light exposure, contact a Makita service center for a new guard. **DO NOT DEFEAT OR REMOVE GUARDS.**

Maintaining maximum cutting capacity (Fig. 7)

This tool is factory adjusted to provide the maximum cutting capacity for a 260 mm saw blade.

When installing a new blade, always check the lower limit position of the blade and if necessary, adjust it as follows:

CAUTION:

- When making this adjustment, unplug the tool.

First, unplug the tool. Lower the handle completely. Use the wrench to turn the adjusting bolt until the periphery of the blade extends slightly below the top surface of the turn table at the point where the front face of the guide fence meets the top surface of the turn table.

With the tool unplugged, rotate the blade by hand while holding the handle all the way down to be sure that the blade does not contact any part of the lower base. Re-adjust slightly, if necessary.

CAUTION:

- After installing a new blade, always be sure that the blade does not contact any part of the lower base when the handle is lowered completely. Always do this with the tool unplugged.

This tool can be used with or without the lower limit by shifting the lower limit stopper as shown in the figure. (Fig. 8)

To use the tool without the lower limit, turn the stopper end counterclockwise. Use in this position is proper to cut a wide and thin workpiece.

To use the tool with the lower limit, move the stopper end clockwise. Use in this position is proper to cut a thick workpiece.

Adjusting the miter angle (Fig. 9 & 10)

Loosen the clamping screw on the guide fence by turning counterclockwise. Turn the turn table by handle. When you have moved the handle to the position where the pointer points to the desired angle on the miter scale, securely tighten the clamping screw clockwise.

CAUTION:

- When turning the turn table, be sure to raise the handle fully.
- After changing the miter angle, always secure the turn table by tightening the clamping screw firmly.

Adjusting the bevel angle (Fig. 11 & 12)

In the miter saw mode

To adjust the bevel angle, loosen the lever at the rear of the tool counterclockwise.

Push the handle to the left to tilt the saw blade until the pointer points to the desired angle on the bevel scale. Then tighten the lever clockwise firmly to secure the arm.

CAUTION:

- When tilting the saw blade, be sure to raise the handle fully.
- After changing the bevel angle, always secure the arm by tightening the lever clockwise.

In the table saw mode (Fig. 13)

To adjust the bevel angle, loosen the lever under the table at the front of the tool counterclockwise.

Move the depth adjusting knob to the left to tilt the saw blade until the pointer points to the desired angle on the bevel scale. Then tighten the lever clockwise firmly to secure the arm.

Switch action (Fig. 14)

Switch for the miter saw mode

CAUTION:

- Before plugging in the tool, always check to see that the switch lever actuates properly and returns to the "OFF" position when released.
- When not using the tool, remove the lock-off button and store it in a secure place. This prevents unauthorized operation.
- Do not pull the switch lever hard without pressing in the lock-off button. This can cause switch breakage.

To prevent the switch lever from being accidentally pulled, a lock-off button is provided. To start the tool, push the lock lever to the left, press in the lock-off button and then pull the switch lever. Release the switch lever to stop.

Switch for the table saw mode

CAUTION:

- Before operation, make sure that the tool is turned on and off.

To start the tool, press the ON (I) button. To stop it, press the OFF (O) button.

Adjusting the depth of cut (Fig. 15)

The depth of cut can be adjusted by turning the cutting depth adjusting knob. Turn the cutting depth adjusting knob clockwise to raise the blade or counterclockwise to lower it.

WARNING:

- Use a shallow depth setting when cutting thin materials in order to obtain a cleaner cut.

CAUTION:

- The stopper pin cannot be turned with the tool head at fully lowered position. At this time, turn the knob counterclockwise slightly and the stopper pin can be released. (Fig. 16)

ASSEMBLY

CAUTION:

- Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.

Socket wrench storage (Fig. 17)

The socket wrench is stored as shown in the figure. When using the socket wrench, pull it out of the wrench holder. After using the socket wrench, return it to the wrench holder.

Table height two-way set up

The table height can be set up in two ways, high or low table.

WARNING:

- Before falling down the tool backwards, always set the tool in the miter saw mode and lock the tool head in the lowest position.

1. High table set up (Fig. 18)

To set up the tool with high table, proceed as follows.

- (1) Fall down the tool carefully BACKWARDS without fail while holding it with both hands.
- (2) Turn the hook in the direction of arrow in the figure to unbundle the feet. Open the table feet on one side and push the bottom bar of the feet forward fully to be locked by itself. Take the same procedure for the feet on the opposite side. Make sure that the feet at both sides are completely locked.

WARNING:

- Make sure that the stopper hooks are perfectly positioned in the groove of the bracket.

- (3) Return the tool to the upright position.

2. Low table set up (Fig. 19)

The feet can be folded as shown in the figure. To fold down the tool, do as follows.

- (1) Fall down the tool carefully BACKWARDS without fail while holding it with both hands.
- (2) Pull up first the stopper at the joint of left feet toward yourself to unlock it.
- (3) Take the same steps for the opposite feet as above.
- (4) Use a hook to bundle these feet.
- (5) Return the tool to the upright position.

Installing or removing saw blade

CAUTION:

- Always be sure that the tool is switched off and unplugged before installing or removing the blade.
- Use only the Makita socket wrench provided to install or remove the blade. Failure to do so may result in over-tightening or insufficient tightening of the hex bolt. This could cause an injury.

Move up the handle in the fully raised position.

Press the shaft lock to lock the spindle, use the socket wrench to loosen the hex bolt clockwise. (Fig. 20)

Raise the blade guard A with its lifting lever while pushing the lever nearby the handle to the left. With the blade guard A raised, remove the hex bolt, outer flange and blade. (Fig. 21)

To install the blade, mount it carefully onto the spindle, making sure that the direction of the arrow on the surface of the blade matches the direction of the arrow on the blade case. Install the outer flange and hex bolt, and then use the socket wrench to tighten the hex bolt (left-handed) securely counterclockwise while pressing the shaft lock.

NOTE:

- When installing a saw blade, be sure to insert it between the blade guard B at first and then raise it so that the blade is finally placed in the blade guard B. (Fig. 22 & 23)

For all countries other than European countries (Fig. 24)

CAUTION:

- The silver ring 25.4 mm in outer diameter is factory-installed onto the spindle. The black ring 25 mm in outer diameter is included as standard equipment. Before mounting the blade onto the spindle, always be sure that the correct ring for the arbor hole of the blade you intend to use is installed onto the spindle.

For European countries

CAUTION:

- The ring 30 mm in outer diameter is factory-installed between the inner and outer flanges.

Return the lower blade guard A to its original position. Lower the handle to make sure that the lower blade guards move properly. Make sure shaft lock has released spindle before making cut.

Adjusting riving knife

There must be a clearance of about 5 – 6 mm between the riving knife and the blade teeth when pushing riving knife toward the blade fully. Adjust the riving knife accordingly by first loosening clamping nut by hand counterclockwise and then loosening hex bolt counterclockwise with the hex socket wrench, and measuring the distance. After adjustment, securely tighten the hex bolt and then the clamping nut clockwise. Always check to see that the riving knife is secured and that the top blade guard works smoothly before cutting. (Fig. 25 & 26)

The riving knife has been installed before shipment from the factory so that the blade and riving knife are in a straight line after your simple set-up. Refer to the section titled "Repositioning riving knife" for the set-up. (Fig. 27)

CAUTION:

- If the blade and riving knife are not aligned properly, a dangerous pinching condition may result during operation. Make sure the riving knife is positioned between both outer ends of the blade teeth when viewing from the top. You could suffer serious personal injury while using the tool without a properly aligned riving knife. If they are not aligned for any reasons, always have Makita authorized service center repair it.
- When adjusting the riving knife clearance from the blade teeth, always loosen the hex bolt only after loosening the clamping nut.

Installing and adjusting rip fence (Fig. 28)

1. Install the rip fence on the table so that the rip fence holder engages with the guide rail. Tighten the clamping screw (B) of the rip fence firmly clockwise.
2. Loosen the clamping screw (A).
3. Slide the rip fence and secure it so that the far end from you of the rip fence is aligned with the point at which the front edge of saw blade just appears from top surface of the workpiece. The purpose of this adjustment is to reduce risk of kick-back toward operator that cut piece from the workpiece is pinched between the saw blade and rip fence and finally pushed out toward operator. The line (A) varies by thickness of workpiece or the table level. Adjust the position of the rip fence according to the thickness of the workpiece.
After adjusting the rip fence, tighten the clamping screw (A) firmly. (Fig. 29)

NOTE:

- There are four patterns to position the rip fence as shown in the figure. Rip fence has two slits on its sides, one slit with an elevated fringe nearby on the same side and the other without it. Use the surface of rip fence with this fringe facing the workpiece only when cutting off into a piece of a thin workpiece.
- To change the rip fence pattern, remove the rip fence from the rip fence holder by loosening the clamping screw (A) and change the facing of the rip fence to the rip fence holder so that the rip fence faces the rip fence holder according to your work as shown in the figure.
- Insert the square nut on the rip fence holder into the back end of either slit of the rip fence so that they fit as shown in the figure.

To change from the pattern A or B to the pattern C or D, or in adverse case, remove the square nut and clamping screw (A) from the rip fence holder, then position the clamping screw (A) and square nut on the opposite position of the rip fence holder compared to the original position. Tighten the clamping screw (A) securely after inserting the square nut of the rip fence holder into the rip fence slit.

Insert the square nut on the rip fence holder into the back end of either slit of the rip fence so that they fit as shown in the figures. (Fig. 30 & 31)

The rip fence is factory adjusted so that it is parallel to the blade surface. Make sure that it is parallel. To check to be sure that the rip fence is parallel with the blade, adjust the blade height with the cutting depth adjusting knob so that the blade appears at the topmost position from the table. Mark one of the blade teeth with a crayon. Measure the distance (A) and (B) between the rip fence and blade. Take both measurements using the tooth marked with the crayon. These two measurements should be identical. If the rip fence is not parallel with the blade, proceed as follows: (Fig. 32 & 33)

- (1) Turn the adjusting screw counterclockwise.
- (2) Shift the front edge of the rip fence slightly to right or left until it becomes parallel with the blade.
- (3) Tighten the adjusting screw on the rip fence firmly.

CAUTION:

- Be sure to adjust the rip fence so that it is parallel with the blade, or a dangerous kickback condition may occur.
- Be sure to adjust the rip fence so that it does not contact the top blade guard or saw blade. (Fig. 34)
- Do not relocate or carry the tool by rip fence.
- Raising the installed rip fence or exerting a force on it to the right and left with your hand grabbing its top end may damage it and impair its function.

Installing and adjusting miter gauge (Fig. 35)

Install the miter gauge by inserting its shaft into one of two grooves in the table from the front. Miter gauge fence that is also used as rip fence can be installed on the miter gauge according to your work.

Dust bag

The use of the dust bag makes cutting operations clean and dust collection easy. To attach the dust bag, fit it onto the dust nozzle. (Fig. 36)

When the dust bag is about half full, remove the dust bag from the tool and pull the fastener out. Empty the dust bag of its contents, tapping it lightly so as to remove particles adhering to the insides which might hamper further collection. (Fig. 37)

If you connect a vacuum cleaner to your saw, more efficient and cleaner operations can be performed. (Fig. 38)

Elbow (Fig. 39)

CAUTION:

- Point the discharge opening of the elbow to the direction in which the exhaust dust and chips do not fly out toward the tool and persons in work area.

Attach the elbow when changing the direction of dust discharge.

Securing workpiece

WARNING:

- It is extremely important to always secure the workpiece properly and tightly with the vise. Failure to do so can cause the tool to be damaged and/or the workpiece to be destroyed. PERSONAL INJURY MAY ALSO RESULT. Also, after a cutting operation, DO NOT raise the blade until the blade has come to a complete stop.

Vertical vise (Fig. 40)

The vertical vise can be installed in two positions on either the left or right side of the guide fence. Insert the vise rod into the hole in the guide fence and tighten the clamping screw to secure the vise rod.

Position the vise arm according to the thickness and shape of the workpiece and secure the vise arm by tightening the clamping screw. If the screw to secure the vise arm contacts the guide fence, install the clamping screw on the opposite side of vise arm. Make sure that no part of the tool contacts the vise when lowering the handle all the way. If some part contacts the vise, re-position the vise.

Press the workpiece flat against the guide fence and the turn table. Position the workpiece at the desired cutting position and secure it firmly by tightening the vise knob.

CAUTION:

- The workpiece must be secured firmly against the turn table and guide fence.

Setting up the tool in table saw mode

CAUTION:

- Before use in the table saw mode, make sure that the turn table has been secured at 0° miter angle with the clamping screw on the guide fence.
- Before use in the table saw mode, make sure that the tool head has been secured with the lever.
- Before use in the table saw mode, make sure that the riving knife has been secured in place properly.
- Before use in the table saw mode, remove the lower blade guard C.
- In table saw mode, release the lower limit stopper.

The tool is shipped from the factory with the set-up in miter saw mode. Before use in table saw mode, change the set up and follow the procedure below.

1. Securing the turn table (Fig. 41)

To secure the turn table, tighten the screw firmly on the guide fence at 0° miter angle.

2. Securing the tool head (Fig. 42)

Secure the tool head by tightening the lever in the direction of arrow shown in the figure.

3. Releasing the lower limit stopper (Fig. 43)

Make sure that the end of the lower limit stopper is at the A position in the figure. Turn the end of the lower limit stopper counterclockwise to the A position when it is positioned at the B position.

4. Repositioning the riving knife (Fig. 44)

The position (Fig. 44-A) should be changed as follows.

- Loosen the clamping nut. (Fig. 44-B)
- Pull and pivot the riving knife to the position at the angle of 90° in the direction of arrow. (Fig. 44-C) And push in it slightly so that it become still in this position.
- Raise the lower blade guard A fully using its lug by hand while pushing the lever nearby the handle to the left, and release the lever nearby the handle. (Fig. 44-D)
- Push the riving knife in the direction of arrow (see Fig. 44-E) so that it is aligned with the saw blade.
- After pushing the riving knife in the direction of arrow shown in the figure, release the lower blade guard A.
- After aligning the riving knife, tighten the clamping nut securely (see Fig. 44-F).

5. Removing the lower blade guard C (Fig. 45)

Remove the lower blade guard C from the table by loosening the clamping screw.

6. Locking the tool head at fully lowered position (Fig. 46)

After setting up the riving knife in position for table saw mode, pull the stopper in the direction of arrow A and turn it to the angle of 90° in the direction of arrow B with the stopper pulled. Then lower the handle to lock the tool head.

CAUTION:

- When the tool head cannot be locked in the fully lowered position, turn the depth adjusting knob by several turns clockwise. (Fig. 47)
- Before turning over the tool, always make sure that the stopper pin has securely locked the tool head in the lowest position.

7. Turning over the tool (Fig. 48)

WARNING:

- Make sure that the tool is switched off and unplugged before turning over.
- When pushing down the lever, be sure to place your hand/finger away from the lever-table fitting area. Hold the middle edge of table with one hand, push the lever down with the other hand while holding the table edge firmly and pivot the table carefully to turn it over. Keep holding it until it locks.

8. Installing the top blade guard (Fig. 49)

Push the push button of the top blade guard to its side surface, place it on the notch of the riving knife with the button depressed and release the button.

After releasing the push button, make sure that the top blade guard is secured by trying to pull it out.

CAUTION:

- After installing the top blade guard, make sure that it works smoothly.

Setting up the tool in miter saw mode (Fig. 50)

WARNING:

- Be sure to install the lower blade guard C before using the tool in miter saw mode.

To change the set up from table saw mode to miter saw mode, reverse the procedure of the section titled "Setting up the tool in table saw mode".

1. Removing the top blade guard

Push the push button of the top blade guard to its side surface and then just take away the top blade guard upward with the button depressed.

2. Installing the lower blade guard C

Place the lower blade guard C on the table so that it fits in the slot of the table and tightening the clamping screw firmly.

3. Turning over the tool

Refer to the same titled section in the "Setting up the tool in table saw mode".

4. Releasing the tool head from fully lowered position

While holding the handle, pull the stopper pin in the direction of arrow A, turn it to the angle of 90° in the direction of arrow B with the stopper pin pulled and then raise the handle slowly.

5. Repositioning riving knife (Fig. 51)

The position of riving knife (Fig. 51-A) should be changed as follows.

- (1) Loosen the clamping nut and hold the lower blade guard A using its lug by hand. (Fig. 51-B)
- (2) While holding the lower blade guard A, pull the riving knife so that it turns and pivot it to the position in the direction of arrow. (Fig. 51-C)
- (3) With the riving knife held in that position, return the lower blade guard A to the original position and tighten the clamping nut securely. (Fig. 51-D & E)

6. Installing or removing the sub fences R and L (Fig. 52)

CAUTION:

- When cutting a workpiece over 20 mm thick, make sure that the sub fences R and L are securely installed with a screw.

Removal of the sub fences R and L are convenient for cutting wide and thin workpiece.

When cutting a workpiece up to 20 mm thick and more than 180 mm wide, remove the sub fences R and L by removing the screw shown in the figure.

When cutting a workpiece over 20 mm thick, install the sub fences R and L securely with a screw.

Refer to the table below for the relation between the size of workpiece and use/unuse of sub fences R and L. (Fig. 53)

	Workpiece size (H x W)	Use/Unuse of subfence
1	68 mm x 155 mm	With sub fences
2	20 mm x 210 mm	Without sub fences

OPERATION

CAUTION:

- Before use, be sure to release the handle from the lowered position by pulling the stopper pin and turning it to the angle of 90°.
- Make sure the blade is not contacting the workpiece, etc. before the switch is turned on.

CUTTING AS MITER SAW

WARNING:

- Make sure that the lower blade guard C is installed before using in miter saw mode.

CAUTION:

- Do not apply excessive pressure on the handle when cutting. Too much force may result in overload of the motor and/or decreased cutting efficiency. Push down handle with only as much force as is necessary for smooth cutting and without significant decrease in blade speed.
- Gently press down the handle to perform the cut. If the handle is pressed down with force or if lateral force is applied, the blade will vibrate and leave a mark (saw mark) in the workpiece and the precision of the cut will be impaired.

1. Press cutting

Secure the workpiece against guide fence and turn table. Switch on the tool without the blade making any contact and wait until the blade attains full speed before lowering. Then gently lower the handle to the fully lowered position to cut the workpiece. When the cut is completed, switch off the tool and WAIT UNTIL THE BLADE HAS COME TO A COMPLETE STOP before returning the blade to its fully elevated position.

2. Miter cutting

Refer to the previously covered "Adjusting the miter angle".

3. Bevel cut

Loosen the lever and tilt the saw blade to set the bevel angle (Refer to the previously covered "Adjusting the bevel angle"). Be sure to retighten the lever firmly to secure the selected bevel angle safely. Secure the workpiece against guide fence and turn table. Switch on the tool without the blade making any contact and wait until the blade attains full speed. Then gently lower the handle to the fully lowered position while applying pressure in parallel with the blade. When the cut is completed, switch off the tool and WAIT UNTIL THE BLADE HAS COME TO A COMPLETE STOP before returning the blade to its fully elevated position.

CAUTION:

- Always be sure that the blade will move down to bevel direction during a bevel cut. Keep hands out of path of saw blade.
- During a bevel cut, it may create a condition whereby the piece cut off will come to rest against the side of the blade. If the blade is raised while the blade is still rotating, this piece may be caught by the blade, causing fragments to be scattered which is dangerous. The blade should be raised ONLY after the blade has come to a complete stop.
- When pressing the handle down, apply pressure parallel to the blade. If the pressure is not parallel to the blade during a cut, the angle of the blade might be shifted and the precision of the cut will be impaired.

4. Compound cutting

Compound cutting is the process in which a bevel angle is made at the same time in which a miter angle is being cut on a workpiece. Compound cutting can be performed at angle shown in the table.

Bevel angle	Miter angle
45°	Left and Right 0 – 45°

When performing compound cutting, refer to "Press cutting", "Miter cutting" and "Bevel cut" explanations.

5. Cutting aluminum extrusion (Fig. 56)

When securing aluminum extrusions, use spacer blocks or pieces of scrap as shown in the figure to prevent deformation of the aluminum. Use a cutting lubricant when cutting the aluminum extrusion to prevent buildup of the aluminum material on the blade.

CAUTION:

- Never attempt to cut thick or round aluminum extrusions. Thick aluminum extrusions may come loose during operation and round aluminum extrusions cannot be secured firmly with this tool.
- Never cut aluminum in the table saw mode (bench mode).

CUTTING AS TABLE SAW (BENCH MODE)

CAUTION:

- Always use "work helpers" such as push sticks and push blocks when there is a danger that your hands or fingers will come close to the blade.
- Always hold the workpiece firmly with the table and the rip fence. Do not bend or twist it while feeding. If the workpiece is bent or twisted, dangerous kickbacks may occur.
- NEVER withdraw the workpiece while the blade is running. If you must withdraw the workpiece before completing a cut, first switch the tool off while holding the workpiece firmly. Wait until the blade has come to a complete stop before withdrawing the workpiece. Failure to do so may cause dangerous kickbacks.
- NEVER remove cut-off material while the blade is running.
- NEVER place your hands or fingers in the path of the saw blade.
- Always secure the rip fence firmly, or dangerous kickbacks may occur.
- Always use "work helpers" such as push sticks and push blocks when cutting small or narrow workpieces, or when the ad head is hidden from view while cutting.

Work helpers

Push sticks, push blocks or auxiliary fence are types of "work helpers". Use them to make safe, sure cuts without the need for the operator to contact the blade with any part of the body.

Push block (Fig. 57)

Use a 19 mm piece of plywood.

Handle should be in center of plywood piece. Fasten with glue and wood screws as shown. Small piece 9.5 mm x 8 mm x 50 mm of wood must always be glued to plywood to keep the blade from dulling if the operator cuts into push block by mistake. (Never use nails in push block.)

Auxiliary fence (Fig. 58)

Make auxiliary fence from 9.5 mm and 19 mm plywood pieces.

Ripping

CAUTION:

- When ripping, remove the miter gauge from the table.
 - When cutting long or large workpieces, always provide adequate support behind the table. DO NOT allow a long board to move or shift on the table. This will cause the blade to bind and increase the possibility of kickback and personal injury. The support should be at the same height as the table.
1. Adjust the depth of cut a bit higher than the thickness of the workpiece. To make this adjustment, refer to the section titled "Adjusting the depth of cut".
 2. Position the rip fence to the desired width of rip and secure in place by tightening the clamping screw (A). Before ripping, make sure the two screws of the rip fence holder are secured. If it is not secured enough, retighten it.
 3. Turn the tool on and gently feed the workpiece into the blade along with the rip fence.

- (1) When the width of rip is 150 mm and wider, carefully use one hand to feed the workpiece. Use another hand to hold the workpiece in position against the rip fence. (Fig. 59)
- (2) When the width of rip is 65 mm – 150 mm wide, use the push stick to feed the workpiece. (Fig. 60)
- (3) When the width of rip is narrower than 65 mm, the push stick cannot be used because the push stick will strike the blade guard. Use the auxiliary fence and push block. Attach the auxiliary fence to the rip fence with two "C" clamps. (Fig. 61)

Feed the workpiece by hand until the end is about 25 mm from the front edge of the top table. Continue to feed using the push block on the top of the auxiliary fence until the cut is complete. (Fig. 62)

Cross cutting (Fig. 63)

CAUTION:

- When making a crosscut, remove the rip fence from the table.
- When cutting long or large workpieces, always provide adequate support to the sides of the table. The support should be at the same height as the table.
- Always keep hands away from the path of blade.

Miter gauge

Use the miter gauge for the 4 types of cutting shown in the figure.

CAUTION:

- Secure the knob on the miter gauge carefully.
- Avoid creep of workpiece and gauge by firm work-holding arrangement, especially when cutting at an angle.
- NEVER hold or grasp the intended "cut-off" portion of the workpiece.

Use of miter gauge (Fig. 64)

Slide the miter gauge into the thick grooves in the table. Loosen the knob on the gauge and align to desired angle (0° to 60°). Bring stock flush up against fence and feed gently forward into the blade.

Auxiliary wood facing (miter gauge) (Fig. 65)

To prevent a long board from wobbling, fit the miter gauge with an auxiliary fence board. Fasten with bolts/nuts after drilling holes, but fasteners must not protrude from the face board.

Carrying tool (Fig. 66)

Make sure that the tool is unplugged. For the tool just used in the miter saw mode, secure the blade at 0° bevel angle and the turn table at 0° miter angle. Lower the handle fully and lock it in the lowered position by fully pushing in the stopper pin.

Carry the tool by holding the tool part shown in the figure. (Fig. 67)

CAUTION:

- Always secure all moving portions before carrying the tool.
- Before carrying the tool, always set up the tool in the miter saw mode.
- Make sure that the lower blade guard C is installed on the tool.

MAINTENANCE

CAUTION:

- Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.

WARNING:

- Always be sure that the blade is sharp and clean for the best and safest performance.

Adjusting the cutting angle

This tool is carefully adjusted and aligned at the factory, but rough handling may have affected the alignment. If your tool is not aligned properly, perform the following:

1. Miter angle

Miter angle 0° adjusting bolts are located in four positions.

Loosen four miter angle 0° adjusting bolts by turning counterclockwise from the underside of the table. (Fig. 68)

Lower the handle fully and lock it in the lowered position by pulling and rotating the stopper pin to the angle of 90° clockwise. Square the side of the blade with the face of the guide fence using a triangular rule, try-square, etc. Then securely tighten the four adjusting bolts on the sub arm from the underside of the table. Make sure that the pointer points to 0° on the miter scale. If not so, adjust the pointer position by loosening the screw securing the pointer. After adjusting it, securely tighten the screw. (Fig. 69)

2. Bevel angle

(1) 0° bevel angle

Lower the handle fully and lock it in the lowered position by pulling and rotating the stopper pin to the angle of 90° clockwise. Loosen the lever at the rear of the tool.

Turn, from the underside of the table, the 0° bevel angle adjusting bolt on the right side of the sub arm two or three revolutions counterclockwise to tilt the blade to the right. (Fig. 70)

Carefully square the side of the blade with the top surface of the turn table using the triangular rule, try-square, etc. by turning the 0° bevel angle adjusting bolt clockwise. (Fig. 71)

Make sure that the pointer on the turn table point to 0° on the bevel scale on the arm. If it does not point to 0°, loosen the screw which secures the pointer and adjust the pointer so that it will point to 0°.

(2) 45° bevel angle

Adjust the 45° bevel angle only after performing 0° bevel angle adjustment. To adjust left 45° bevel angle, loosen the lever and tilt the blade to the left fully. Make sure that the pointer on the arm points to 45° on the bevel scale on the arm. If the pointer does not point to 45°, turn, from the underside of the table, the 45° bevel angle adjusting bolt on the left side of the sub arm until the pointer points to 45°. (Fig. 72)

Replacing carbon brushes (Fig. 73 & 74)

Remove and check the carbon brushes regularly. Replace when they wear down to the limit mark. Keep the carbon brushes clean and free to slip in the holders. Both carbon brushes should be replaced at the same time. Use only identical carbon brushes.

Use a screwdriver to remove the brush holder caps. Take out the worn carbon brushes, insert the new ones and secure the brush holder caps.

After use

- After use, wipe off chips and dust adhering to the tool with a cloth or the like to assure maximum service life. Keep the blade guards clean according to the directions in the previously covered section titled "Blade guard". Lubricate the sliding portions with machine oil to prevent rust.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita Authorized Service Centers, always using Makita replacement parts.

ACCESSORIES

CAUTION:

- These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.

If you need any assistance for more details regarding these accessories, ask your local Makita service center.

- Steel & Carbide-tipped saw blades
- Vertical vise
- Socket wrench 13-3
- Dust bag
- Triangular rule
- Dust cover (Lower blade guard C)
- Push stick
- Ruler assembly (Rip fence)
- Miter gauge
- Fix plate (3 pieces)
- Hex bolt (3 pieces)
- Elbow
- Top cover assy (Top blade guard)

ENGLISH

EC-DECLARATION OF CONFORMITY

We declare under our sole responsibility that this product is in compliance with the following standards of standardized documents,

EN61029, EN55014, EN61000

in accordance with Council Directives, 73/23/EEC, 89/336/EEC and 98/37/EC.

Certificate of adequacy of the technical file with respect to 98/37/EC having been obtained from the following notified body:

Intertek SEMKO AB, Torshamnsgatan 43, Box 1103, SE-164 22 Kista, Sweden

ITALIANO

DICHIARAZIONE DI CONFORMITÀ CON LE NORME DELLA COMUNITÀ EUROPEA

Dichiariamo sotto la nostra sola responsabilità che questo prodotto è conforme agli standard di documenti standardizzati seguenti:

EN61029, EN55014, EN61000

secondo le direttive del Consiglio 73/23/CEE, 89/336/CEE e 98/37/CE.

Certificato di adeguatezza del file tecnico rispetto a 98/37/CE ottenuto dall'entità notificata seguente:

Intertek SEMKO AB, Torshamnsgatan 43, Box 1103, SE-164 22 Kista, Svezia

FRANÇAISE

DÉCLARATION DE CONFORMITÉ CE

Nous déclarons sous notre entière responsabilité que ce produit est conforme aux normes des documents standardisés suivants,

EN61029, EN55014, EN61000

conformément aux Directives du Conseil, 73/23/CEE, 89/336/CEE et 98/37/EG.

L'attestation d'adéquation du fichier technique à la norme 98/37/CE a été obtenue auprès de l'organisme notifié suivant :

Intertek SEMKO AB, Torshamnsgatan 43, casier postal 1103, SE-164 22 Kista, Suède

NEDERLANDS

EG-VERKLARING VAN CONFORMITEIT

Wij verklaren hierbij uitsluitend op eigen verantwoordelijkheid dat dit produkt voldoet aan de volgende normen van genormaliseerde documenten,

EN61029, EN55014, EN61000

in overeenstemming met de richtlijnen van de Raad 73/23/EEC, 89/336/EEC en 98/37/EC.

Het certificaat van toereikendheid van het technisch rapport met betrekking tot 98/37/EC is uitgereikt door de volgende erkende instantie:

Intertek SEMKO AB, Torshamnsgatan 43, Box 1103, SE-164 22 Kista, Zweden

DEUTSCH

CE-KONFORMITÄTSERKLÄRUNG

Hiermit erklärt wir unter unserer alleinigen Verantwortung, daß dieses Produkt gemäß den Ratsdirektiven 73/23/EWG, 89/336/EWG und 98/37/EG mit den folgenden Normen von Normendokumenten übereinstimmen:

EN61029, EN55014, EN61000.

Das Zertifikat der Angemessenheit der technischen Datei im Hinblick auf 98/37/EG ist von der folgenden bekannt gegebenen Körperschaft erhalten worden:

Intertek SEMKO AB, Torshamnsgatan 43, Box 1103, SE-164 22 Kista, Schweden

ESPAÑOL

DECLARACIÓN DE CONFORMIDAD DE LA CE

Declaramos bajo nuestra sola responsabilidad que este producto cumple con las siguientes normas de documentos normalizados,

EN61029, EN55014, EN61000

de acuerdo con las directivas comunitarias, 73/23/EEC, 89/336/EEC y 98/37/CE.

Certificado de idoneidad del archivo técnico con respecto a la normativa 98/37/EC que ha sido obtenido del siguiente organismo facultativo:

Intertek SEMKO AB, Torshamnsgatan 43, Box 1103, SE-164 22 Kista, Suecia

Yasuhiko Kanzaki CE 2004



Director	Amministratore
Directeur	Directeur
Direktor	Director

MAKITA INTERNATIONAL EUROPE LTD.

Michigan Drive, Tongwell, Milton Keynes,
Bucks MK15 8JD, ENGLAND

ENGLISH**Noise and Vibration**

The typical A-weighted noise levels are

- sound pressure level: 92 dB (A)
- sound power level: 105 dB (A)
- Wear ear protection. –

The typical weighted root mean square acceleration value is not more than 2.5 m/s².

These values have been obtained according to EN61029.

FRANÇAISE**Bruit et vibrations**

Les niveaux de bruit pondérés types A sont:

- niveau de pression sonore: 92 dB (A)
- niveau de puissance du son: 105 dB (A)
- Porter des protecteurs anti-bruit. –

L'accélération pondérée ne dépasse pas 2,5 m/s².

Ces valeurs ont été obtenues selon EN61029.

DEUTSCH**Geräusch- und Vibrationsentwicklung**

Die typischen A-bewerteten Geräuschpegel betragen:

- Schalldruckpegel: 92 dB (A)
- Schalleistungspegel: 105 dB (A)
- Gehörschutz tragen. –

Der gewichtete Effektivwert der Beschleunigung beträgt nicht mehr als 2,5 m/s².

Diese Werte wurden gemäß EN61029 erhalten.

ITALIANO**Rumore e vibrazione**

I livelli del rumore pesati secondo la curva A sono:

- Livello pressione sonora: 92 dB (A)
- Livello potenza sonora: 105 dB (A)
- Indossare i paraorecchi. –

Il valore quadratico medio di accelerazione non supera i 2,5 m/s².

Questi valori sono stati ottenuti in conformità EN61029.

NEDERLANDS**Geluidsniveau en trilling**

De typische A-gewogen geluidsniveau's zijn

- geluidsdruk-niveau: 92 dB (A)
- geluidsenergie-niveau: 105 dB (A)
- Draag oorbeschermers. –

De typische gewogen effectieve versnellingswaarde is niet meer dan 2,5 m/s².

Deze waarden werden verkregen in overeenstemming met EN61029.

ESPAÑOL**Ruido y vibración**

Los niveles típicos de ruido ponderados A son

- presión sonora: 92 dB (A)
- nivel de potencia sonora: 105 dB (A)
- Póngase protectores en los oídos. –

El valor ponderado de la aceleración no sobrepasa los 2,5 m/s².

Estos valores han sido obtenidos de acuerdo con EN61029.

Makita Corporation
Anjo, Aichi, Japan

884597B992