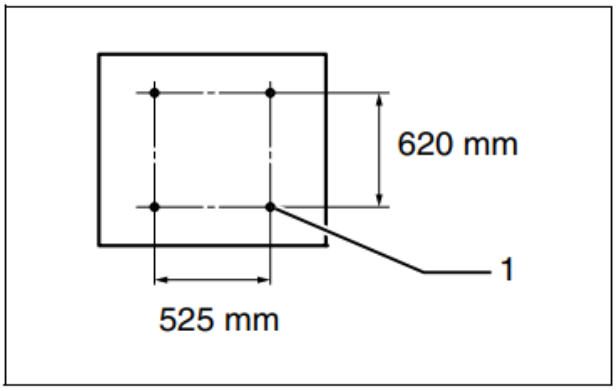
Makita Table Saw 2704

A large, machined aluminium table top for accurate cutting work. Ideal for cutting large 8’ x 4’ sheets as well as sawing boards and other long sections of timber and wood. The standard table size is 753mm wide and 665mm long but this can be increased to 1066mm wide and 1045mm long by the addition of the sub table that can be fitted to either side of the saw.

User Benefits

- Height adjustable trolley stand – ideal for transport or moving machine
- Easy and accurate scales to set cutting requirements
- Sturdy guide rail clamp for accurate cutting
- High rigidity for accurate cutting
- Extending table & fence for large board cutting (8’ x 4’)

Machine Specifications	
Arbor Hole	30 mm
Blade Diameter	260 mm
Max. Cutting Capacity at 90°	93 mm
Max. Cutting Capacity at 45°	64 mm
No Load Speed	4800 min-1
Table Size (L x W)	(665 – 1045 mm) x (753 mm – 1066 mm) with sub tables (R) and (back)
Dimensions (L x W x H) wth table(s) not extended	715 x 753 x 344 mm with sub tables (R) and (back)
Sound Pressure Level (LpA)	94 dB(A)
Sound Power Level (LwA)	107 dB(A)
Uncertainty (K)	3 dB(A)
Weight	29.5 kg



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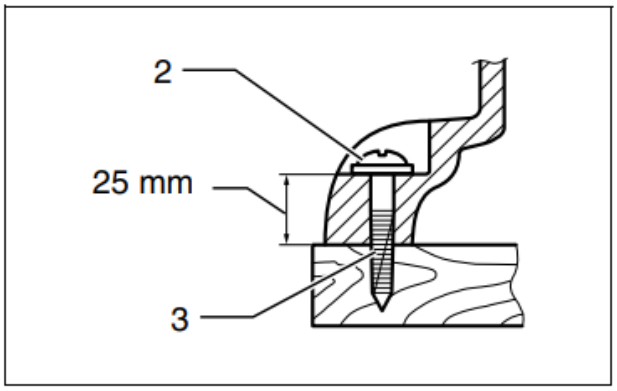

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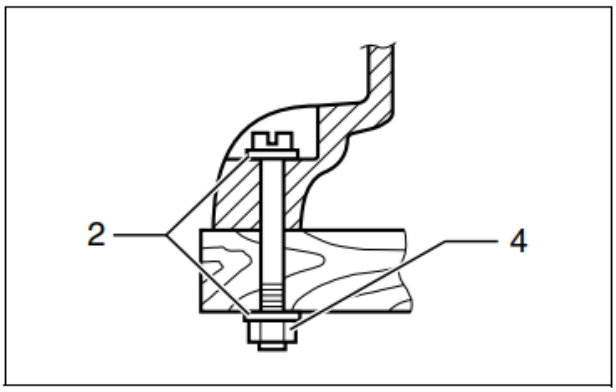

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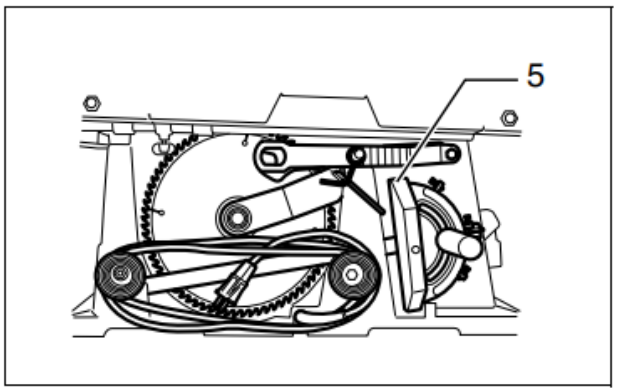

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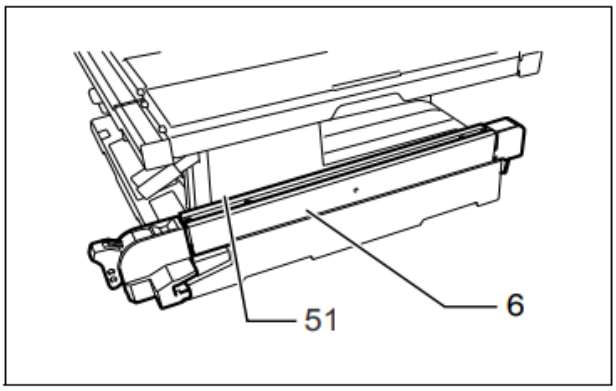

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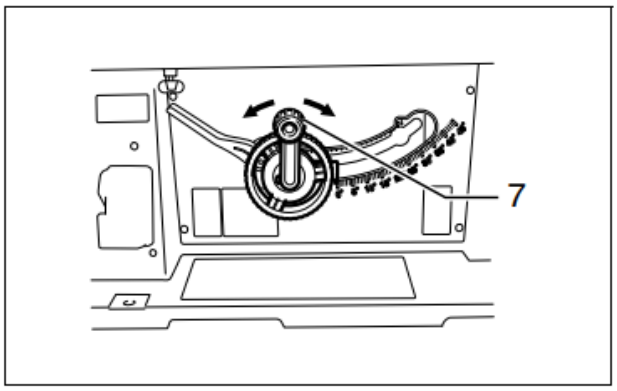

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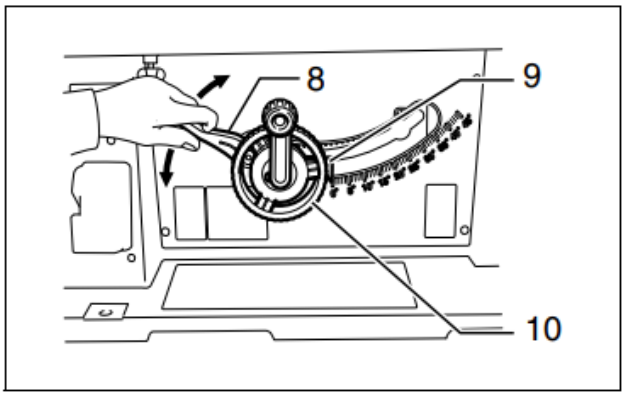

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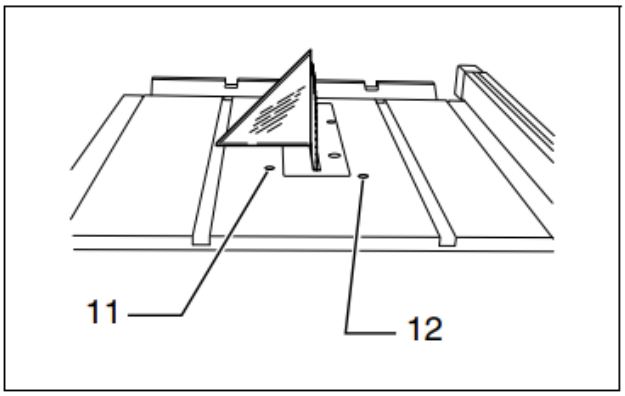

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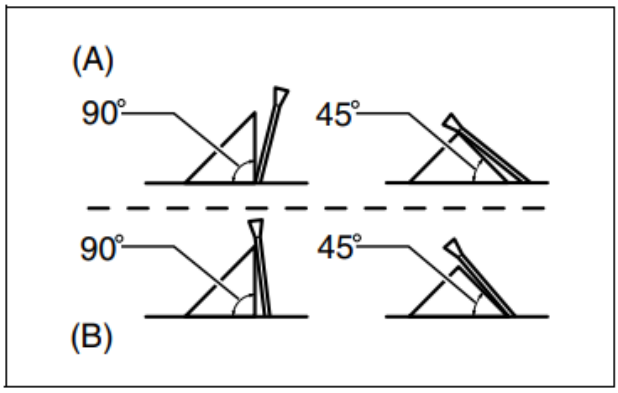

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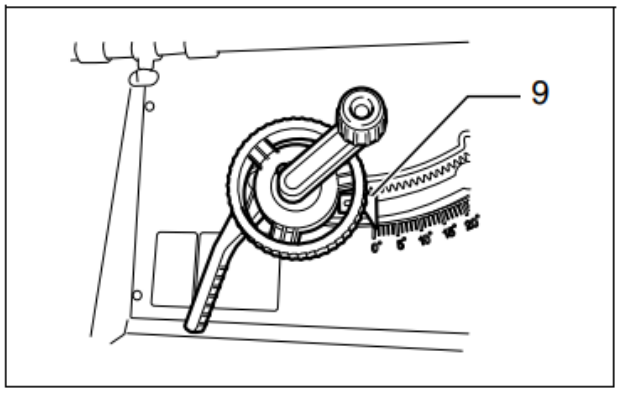

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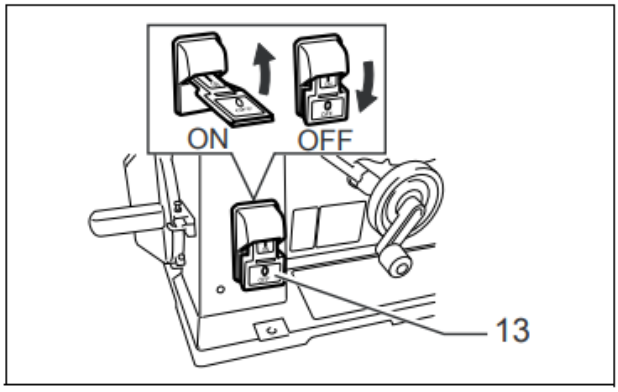

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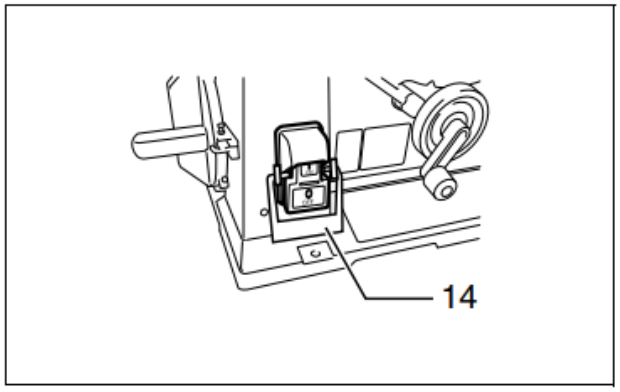

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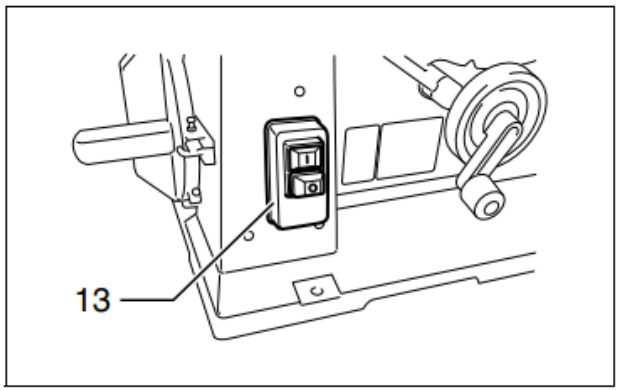

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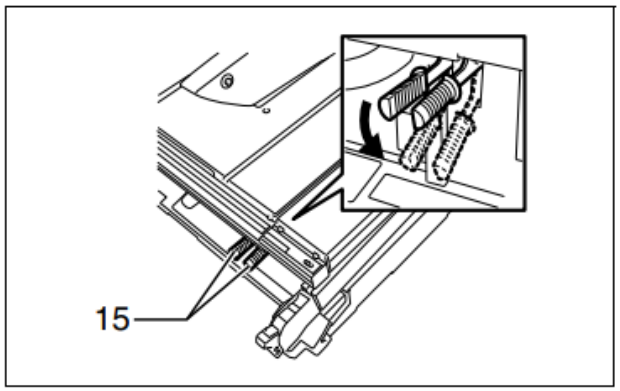

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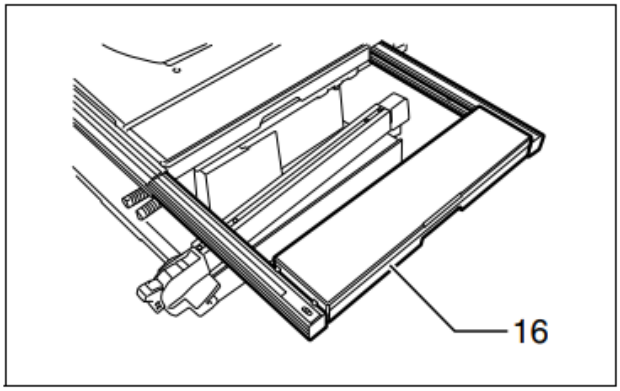

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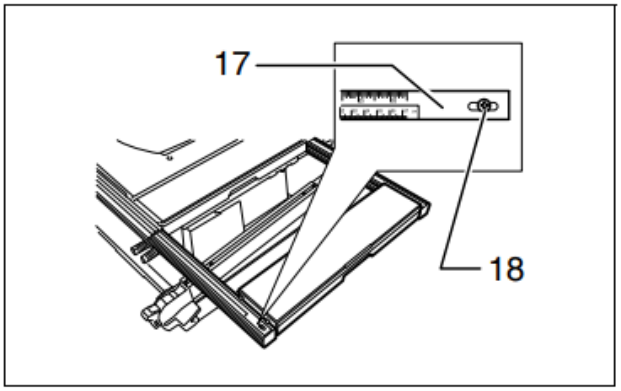

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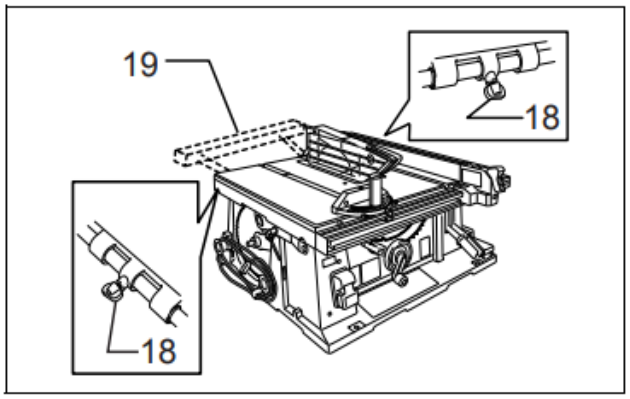

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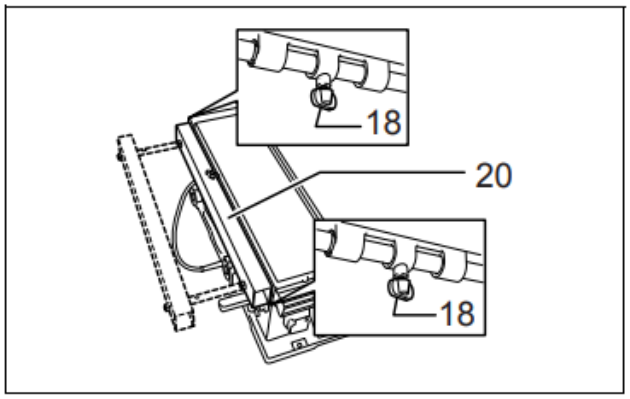

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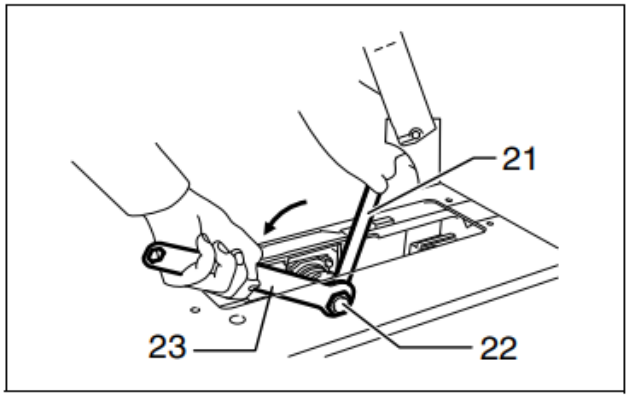

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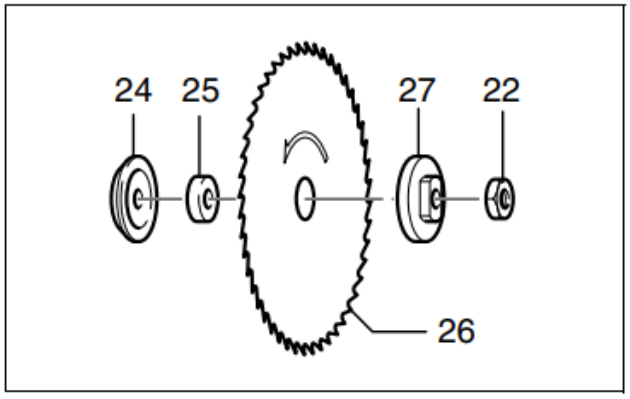

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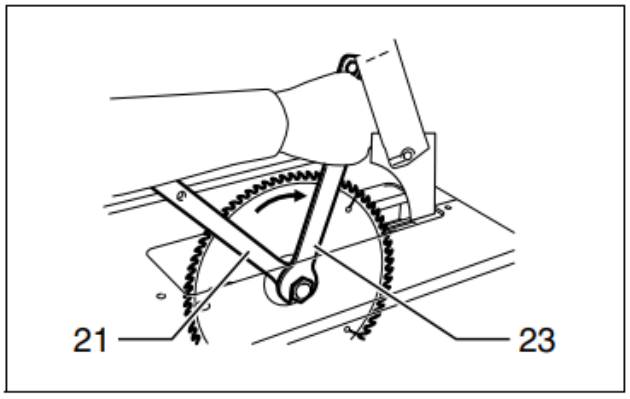

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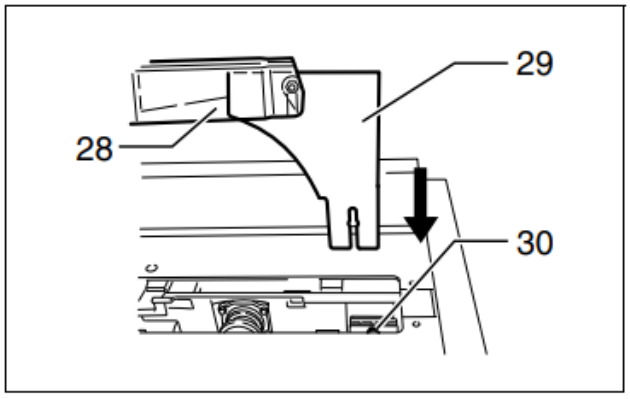

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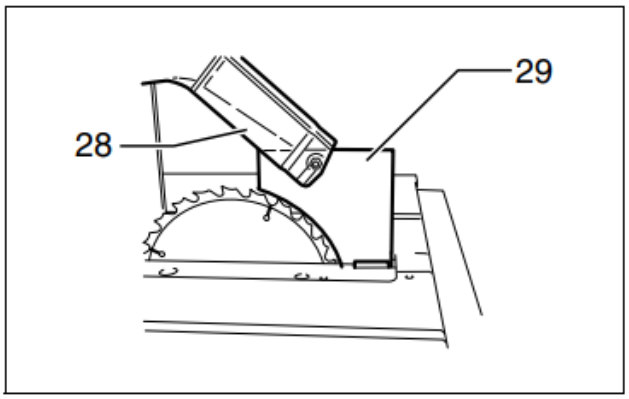

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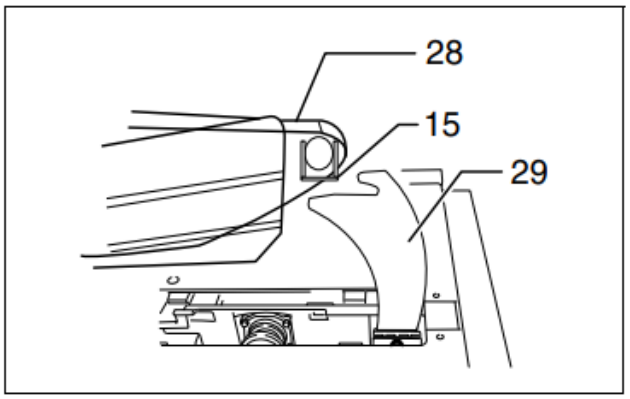

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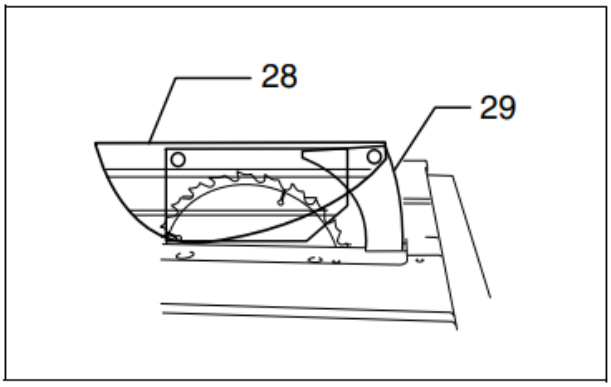

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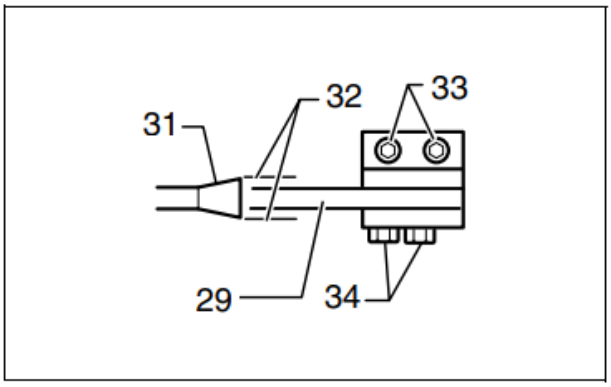

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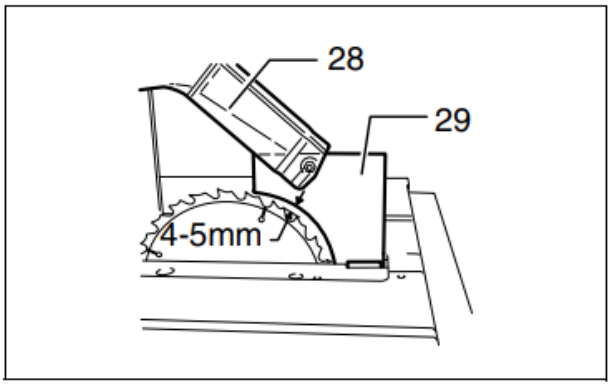

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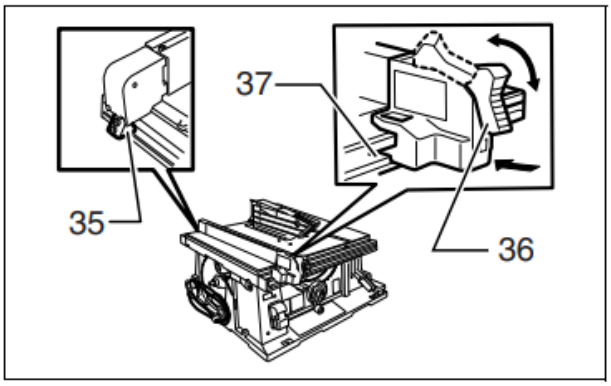

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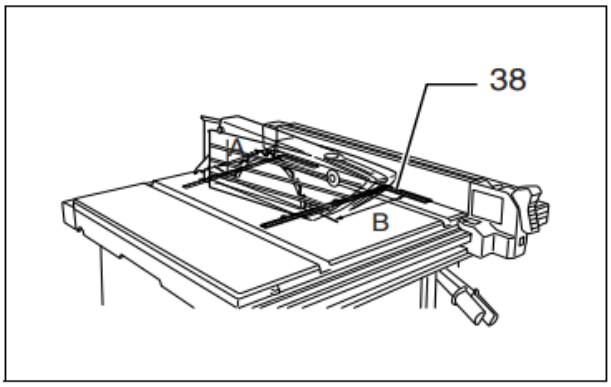

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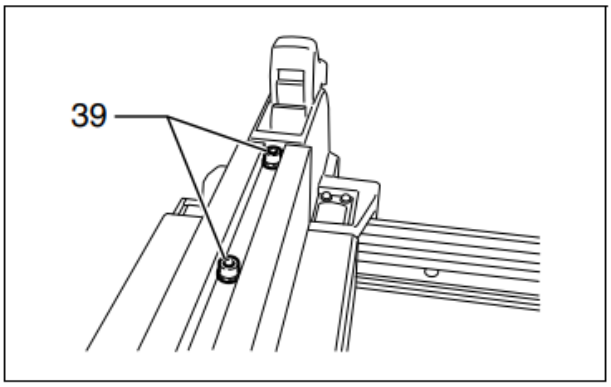

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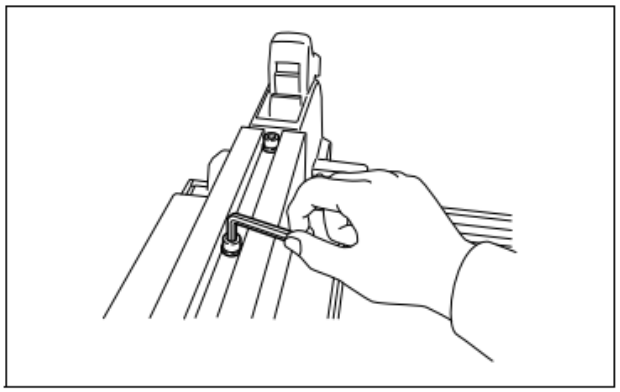

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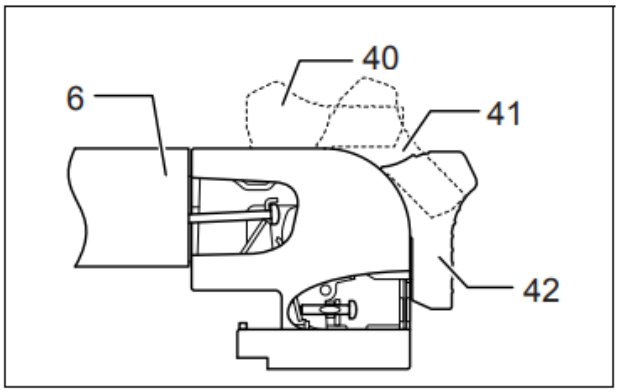

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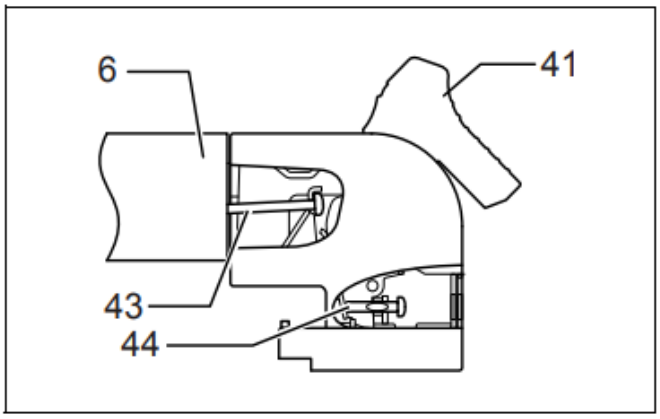

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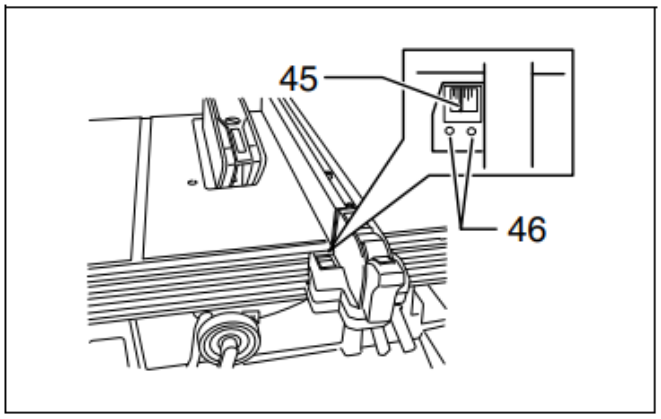

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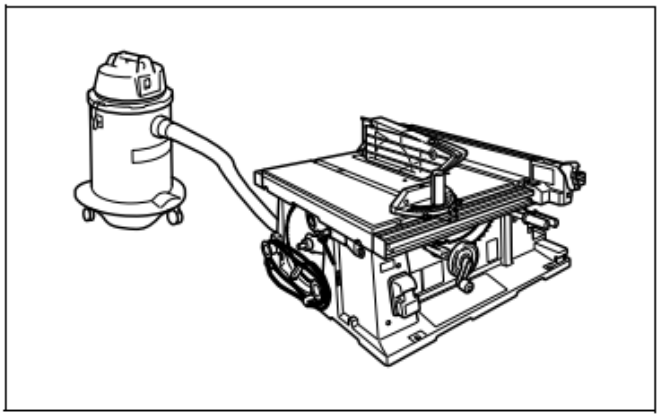

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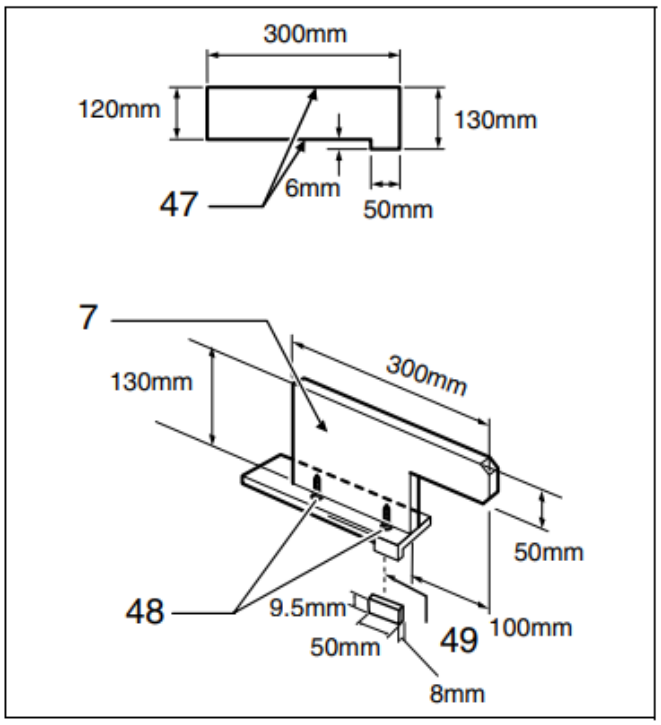

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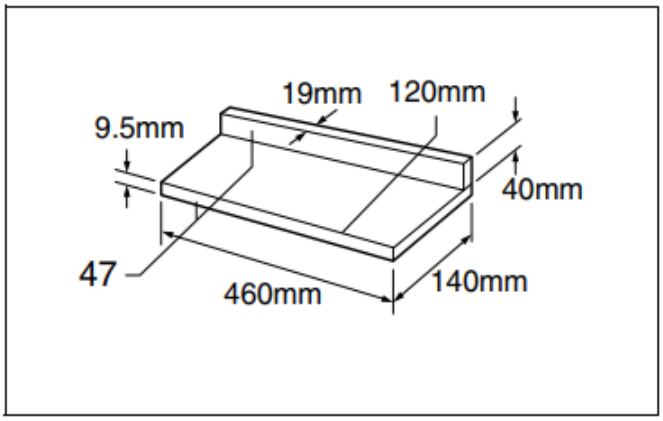

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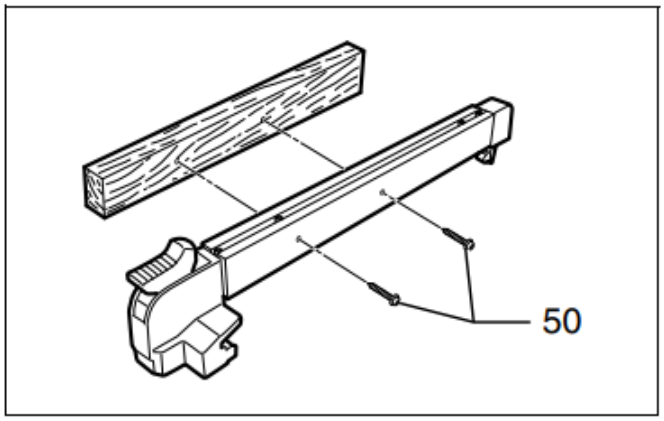

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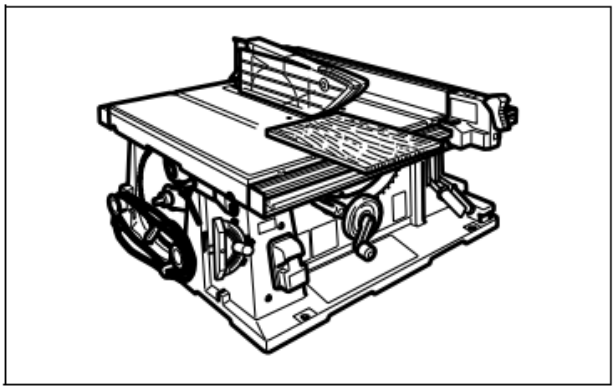

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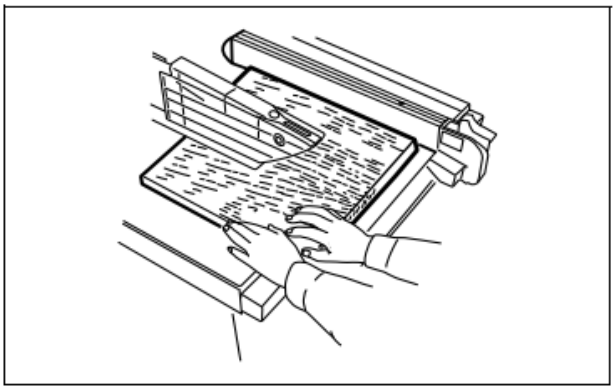

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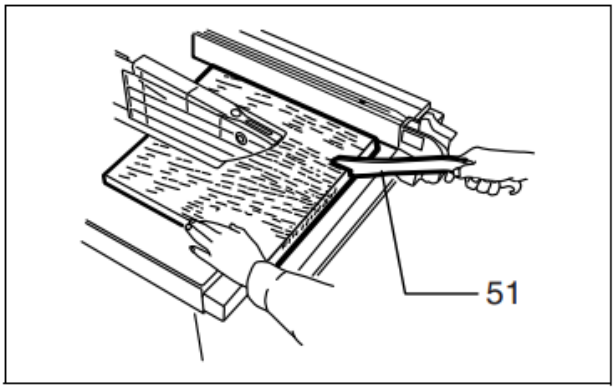

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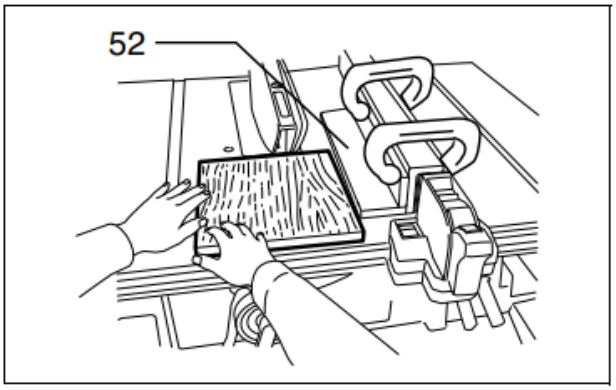

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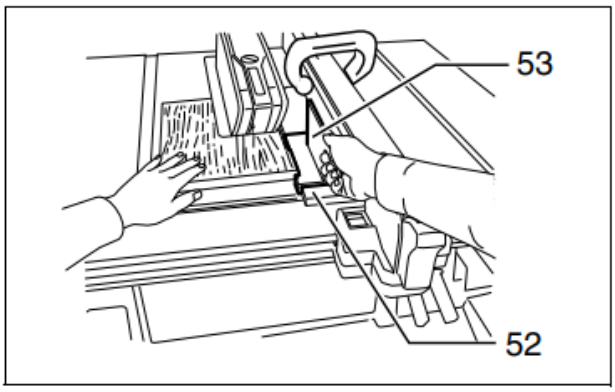

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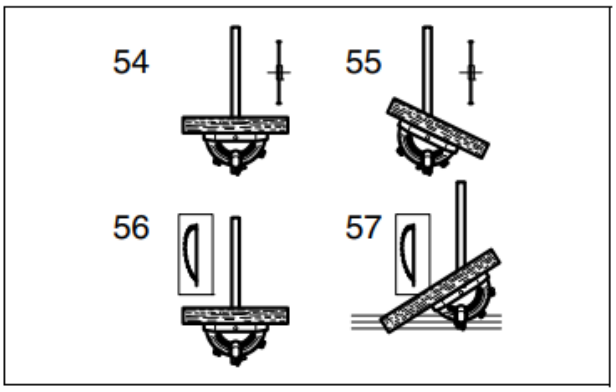

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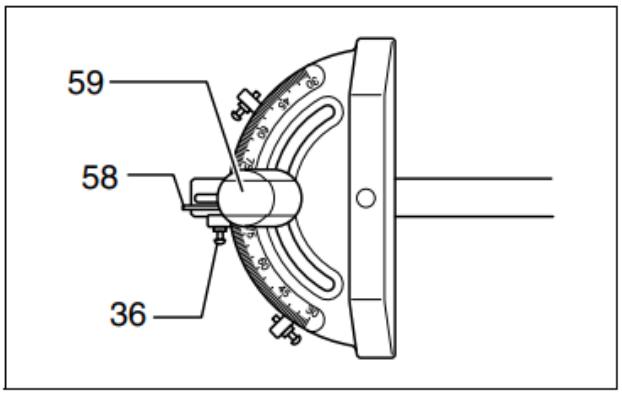

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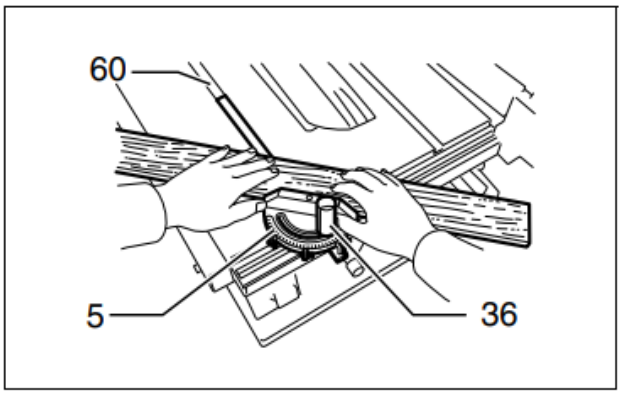

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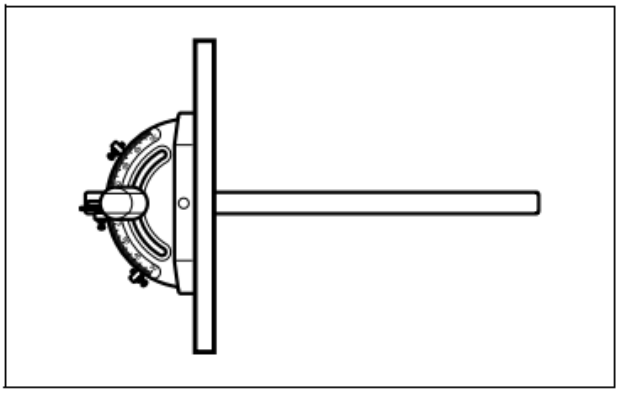

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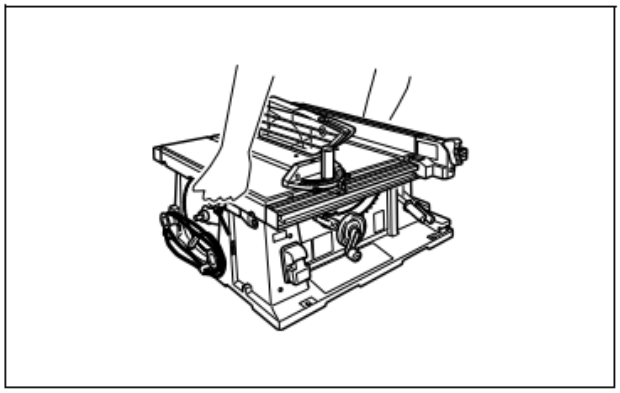

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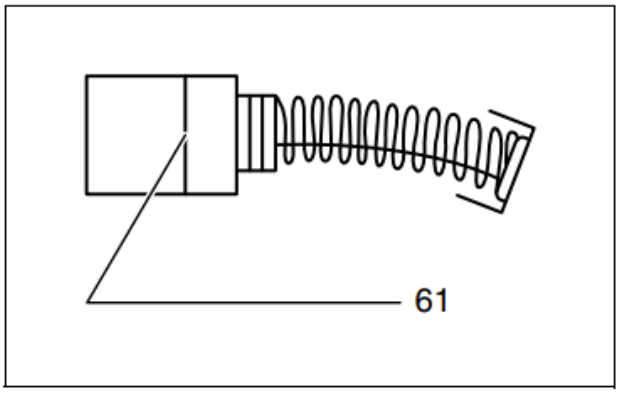

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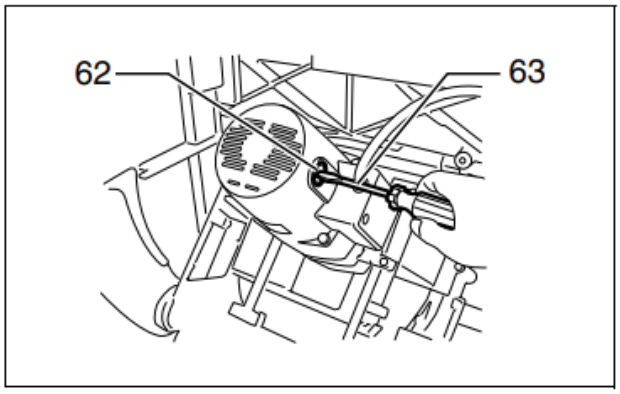

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ENGLISH (Original instructions)

Explanation of general view

1. Hole diameter 8 mm
2. 6 mm Std. washer
3. No.10 wood screw 40 mm min. length
4. 6 mm Mounting bolt & Nut tighten securely
5. Miter gauge
6. Rip fence
7. Handle
8. Lock lever
9. Arrow pointer
10. Handwheel
11. 90° Adjusting screw
12. 45° Adjusting screw
13. Switch
14. Padlock
15. Lever
16. Sub table (R)
17. Scale plate
18. Screw
19. Sub table (back)
20. Sub table (L)
21. Offset wrench
22. Hex nut
23. Wrench
24. Inner flange
25. Ring
26. Saw blade
27. Outer flange
28. Blade guard
29. Riving knife
30. Blade guard mounting portion (stay)
31. Blade
32. These two clearances should be equal.
33. Hex bolts (B)
34. Hex bolts (A)
35. Hook
36. Knob
37. Guide rail
38. Scale
39. Hex bolts
40. Released position
41. Moving position
42. Lock position
43. Screw (B)
44. Screw (A)
45. Guideline
46. Screws
47. Face/edge parallel
48. Wood screw
49. Glue together
50. No. 10 wood screws (long enough to penetrate halfway into facing)
51. Push stick
52. Auxiliary fence
53. Push block
54. CROSS CUTTING
55. MITERING
56. BEVEL CUTTING
57. COMPOUND MITERING (ANGLES)
58. Small plate
59. Screw for positive stop
60. Groove
61. Limit mark
62. Brush holder cap
63. Screwdriver

Symbols END215-4

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

 ... Read instruction manual.

 ..... DOUBLE INSULATION

 ... Wear safety glasses.

 ..... Do not place hand or fingers close to the blade.

 ..... Only for EU countries
Do not dispose of electric equipment together with household waste material!
In observance of European Directive 2002/96/EC on waste electrical and electronic equipment and its implementation in accordance with national law, electric equipment that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Intended use ENE003-1

The tool is intended for cutting in wood.

Power supply ENF002-1

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.

General Power Tool Safety Warnings GEA010-1

⚠ **WARNING Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

ADDITIONAL SAFETY RULES FOR TOOL ENB095-1

SAVE THESE INSTRUCTIONS.

1. **Wear eye protection.**
2. **Don't use the tool in presence of flammable liquids or gases.**
3. **NEVER use the tool with an abrasive cut-off wheel installed.**
4. **Check the blade carefully for cracks or damage before operation. Replace cracked or damaged blade immediately.**
5. **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.**
6. **Always use accessories recommended in this manual. Use of improper accessories such as abrasive cut-off wheels may cause an injury.**
7. **Select the correct saw blade for the material to be cut.**
8. **Do not use saw blades manufactured from high speed steel.**
9. **To reduce the emitted noise, always be sure that the blade is sharp and clean.**
10. **Use correctly sharpened saw blades. Observe the maximum speed marked on the saw blade.**
11. **Clean the spindle, flanges (especially the installing surface) and hex nut before installing the blade. Poor installation may cause vibration/ wobbling or slippage of the blade.**
12. **Use saw-blade guard and riving knife for every operation for which it can be used, including all through sawing operations. Always install the blade guard following the instructions out-lined in this manual. Through sawing operations are those in which the blade cuts completely through the workpiece as in ripping or cross cutting. NEVER use the tool with a faulty blade guard or secure the blade guard with a rope, string, etc. Any irregular operation of the blade guard should be corrected immediately.**
13. **Immediately reattach the guard and riving knife after completing an operation which requires removal of the guard.**
14. **Do not cut metal objects such as nails and screws. Inspect for and remove all nails, screws and other foreign material from the workpiece before operation.**
15. **Remove wrenches, cut-off pieces, etc. from the table before the switch is turned on.**
16. **NEVER wear gloves during operation.**
17. **Keep hands out of the line of the saw blade.**
18. **NEVER stand or permit anyone else to stand in line with the path of the saw blade.**
19. **Make sure the blade is not contacting the riving knife or workpiece before the switch is turned on.**
20. **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.**
21. **The tool should not be used for slotting, rabbetting or grooving.**
22. **Replace table insert when worn.**
23. **NEVER make any adjustments while tool is running. Disconnect tool before making any adjustments.**
24. **Use a push stick when required. Push sticks MUST be used for ripping narrow workpieces to keep your hands and fingers well away from the blade.**
25. **Always store the push-stick when it is not in use.**
26. **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.**
27. **Do not perform any operation freehand. Freehand means using your hands to support or guide the workpiece, in lieu of a rip fence or miter gauge.**
28. **NEVER reach around or over saw blade. NEVER reach for a workpiece until the saw blade has completely stopped.**
29. **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.**
30. **NEVER remove cut-off pieces near the blade or touch the blade guard while the blade is running.**
31. **Knock out any loose knots from workpiece BEFORE beginning to cut.**

32. **Do not abuse cord. Never yank cord to disconnect it from the receptacle. Keep cord away from heat, oil, water and sharp edges.**
33. **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.**
34. **Connect the tool to a dust-collecting device when sawing.**
35. **The guard can be lifted during workpiece setup and for ease of cleaning. Always make sure that guard hood is down and flat against sawtable before plugging in the tool.**

SAVE THESE INSTRUCTIONS

INSTALLATION

Positioning table saw (Fig. 1 – 3)

Locate the table saw in a well lit and level area where you can maintain good footing and balance. It should be installed in an area that leaves enough room to easily handle the size of your workpieces. The table saw should be secured with four screws or bolts to the work bench or table saw stand using the holes provided in the bottom of the table saw. When securing the table saw on the work bench, make sure that there is an opening in the top of the work bench the same size as the opening in the bottom of the table saw so the sawdust can drop through.
If during operation there is any tendency for the table saw to tip over, slide or move, the work bench or table saw stand should be secured to the floor.

Storing accessories (Fig. 4 & 5)

The miter gauge, blade and wrenches can be stored on the left side of the base and the rip fence can be stored at the right side of the base.

FUNCTIONAL DESCRIPTION

CAUTION:

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

Adjusting the depth of cut (Fig. 6)

The depth of cut may be adjusted by turning the handle. Turn the handle clockwise to raise the blade or counterclockwise to lower it.

NOTE:

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

Adjusting the bevel angle (Fig. 7)

Loosen the lock lever counterclockwise and turn the handwheel until the desired angle (0° – 45°) is obtained. The bevel angle is indicated by the arrow pointer.
After obtaining the desired angle, tighten the lock lever clockwise to secure the adjustment.

CAUTION:

- After adjusting the bevel angle, be sure to tighten the lock lever securely.

Adjusting positive stops (Fig. 8 & 9)

The tool is equipped with positive stops at 90° and 45° to the table surface. To check and adjust the positive stops, proceed as follows:
Move the handwheel as far as possible by turning it. Place a triangular rule on the table and check to see if the blade is at 90° or 45° to the table surface. If the blade is at an angle shown in Fig. A, turn the adjusting screws clockwise; if it is at an angle shown in Fig. B, turn the adjusting screws counterclockwise to adjust the positive stops.
After adjusting the positive stops, set the blade at 90° to the table surface. Then adjust the arrow pointer so that its right edge is aligned to the 0° graduation. **(Fig. 10)**

Switch action

For the lever type switch (Fig. 11)

CAUTION:

- Before plugging in the tool, always be sure that the tool is switched off.

To start the tool, raise the switch lever. To stop it, lower the switch lever.
The hinged switch lever plate can be locked by passing padlock through the hasp on the left hand side. **(Fig. 12)**

For the button type switch (Fig. 13)

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.

Sub table (R) (Fig. 14 & 15)

This tool is provided with the sub table (R) on the right side of the main table. To use the sub table (R), raise both levers on the front right side, pull out the table (R) fully and then lower the levers to secure it.
When using the sub table (R), locate the scale plate on the sub table after loosening the screw on it with a screwdriver so that it becomes successive with the scale plate on the main table. **(Fig. 16)**

Sub table (back) (optional accessory for other than European countries) (Fig. 17)

To use the sub table (back), loosen the screws on the left and right hand sides under the table and pull it out backwards to the desired length. At the desired length, tighten the screw securely.

NOTE:
- When using the sub table (back) during use of the rip fence, pull out the sub table (back) more than 50 mm so that it does not hit against the top end of the rip fence.

Sub table (L) (optional accessory) (Fig. 18)
Sub table (L) (optional accessory) can be installed on the left side of the table to obtain wider space.

ASSEMBLY

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

The tool is shipped from the factory with the saw blade and blade guard not in the installed condition. Assemble as follows:

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 overtightening or insufficient tightening of the hex bolt. This could cause an injury.
- Use the following saw blade. Do not use saw blades which do not comply with the characteristics specified in these instructions.

For Model	Max. dia.	Min. dia.	Blade thickness	Kerf
2704	260 mm	230 mm	1.8 mm or less	2 mm or more

CAUTION:
- Check the arbor hole diameter of the blade before installing the blade. Always use the correct ring for the arbor hole of the blade you intend to use. **(Fig. 19)**

Remove the table insert on the table. Hold the outer flange with the offset wrench and loosen the hex nut counterclockwise with the wrench. Then remove the outer flange.

Assemble the inner flange, ring, saw blade, outer flange and hex nut onto the arbor, making sure that the teeth of the blade are pointing down at the front of the table. Always install the hex nut with its recessed side facing the outer flange. **(Fig. 20)**

For all countries other than European countries

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.
- Keep the flange surface clean of dirt or other adhering matter; it could cause blade slippage. Be sure that the blade is installed so that the teeth are aligned in the cutting (turning) direction.

To secure the blade in place, hold the outer flange with the offset wrench, then tighten the hex nut clockwise with the wrench. BE SURE TO TIGHTEN THE HEX NUT SECURELY. **(Fig. 21)**

CAUTION:
- Be sure to hold the hex nut carefully with the wrench. If your grip should slip, the wrench may come off the hex nut, and your hand could strike the sharp blade edges.

Installing blade guard (Fig. 22 & 23)

CAUTION:
- Before installing the blade guard, adjust the depth of cut to its maximum elevation.

For non- European type blade guard
Remove the center cover. Insert the riving knife into the blade guard mounting portion (stay). Tighten the hex bolts (A) with the provided wrench.

For European type blade guard (Fig. 24 & 25)
Remove the center cover. Insert the riving knife into the blade guard mounting portion (stay). Tighten the hex bolts (A) with the provided wrench.
Place the blade guard into the groove on the riving knife. Secure the blade guard by pivoting the lever on the blade guard.

For both European and non-European type blade guards
The riving knife installing location is factory-adjusted so that the blade and riving knife will be in a straight line. However, if they are not in a straight line, loosen the hex bolts (B) and adjust the blade guard mounting portion (stay) so that the riving knife is aligned directly behind the blade. Then tighten the hex bolts (B) to secure the stay. **(Fig. 26)**

CAUTION:
- If the blade and riving knife are not aligned properly, a dangerous pinching condition may result during operation. Make sure they are properly aligned. You could suffer serious personal injury while using the tool without a properly aligned riving knife.
- NEVER make any adjustments while tool is running. Disconnect the tool before making any adjustments.
- Don't remove the riving knife.

There must be a clearance of about 4 - 5 mm between the riving knife and the blade teeth. Loosen the hex bolts (A), adjust the riving knife accordingly and tighten the hex bolts (A) securely. Attach the table insert on the table, then check to see that the blade guard works smoothly before cutting. **(Fig. 27)**

Installing and adjusting rip fence (Fig. 28)
1) Fit the hook on the tip of the rip fence into the far guide rail on the table or sub table (R) and install and push the rip fence forward so that the fence holder engages with the nearmost guide rail.
   To slide the rip fence on the guide rail sideways, pivot the knob on the fence holder to the half way of its travel.

To secure the rip fence, pivot fully the knob on the fence holder.
2) To slide the rip fence on the guide rail sideways, return the knob on the fence holder fully without pulling the lever on the knob.
3) To remove it, pull the lever on the knob and pivot the knob fully forward while pulling the lever.

To check to be sure that the rip fence is parallel with the blade, secure the rip fence 2 - 3 mm from the blade. Raise the blade up to maximum elevation. 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. 29 & 30)**

1. Position the rip fence in the sliding position.
2. Loosen the two hex bolts on the rip fence with the hex wrench provided.
3. Adjust the rip fence until it becomes parallel with the blade.
4. Pivot down the knob on the rip fence toward the operator.
5. Tighten the two hex bolts on the rip fence. **(Fig. 31)**

CAUTION:

- Be sure to adjust the rip fence so that it is parallel with the blade, or a dangerous kickback condition may occur.

When the rip fence cannot be secured solidly, adjust it according to the following procedure.

(1) Set the rip fence on the table and then pivot the knob on the half way of its travel (moving position). Tighten the screw (A) until the rip fence is immobilized. Then loosen a 1/4 to 1/2 turn. **(Fig. 32 & 33)**
(2) Tighten the screw (B) fully and then loosen about 2 full revolutions.
(3) Lock the rip fence by fully pivoting the knob on the fence holder (lock position).
(4) Make sure that the rip fence can be installed and removed in the original position (released position).
(5) Make sure that the rip fence can be slid smoothly with no wobble when the knob is on half way of its travel.

CAUTION:

- Be careful not to tighten screws with more than tightening amount specified in the above instructions. Failure to do so may damage the fastened parts.

Bring the rip fence up flush against the side of the blade. Make sure that the guideline on the fence holder points to the 0 graduation. If the guideline does not point to the 0 graduation, loosen the screw on the scale plate and adjust the scale plate. **(Fig. 34)**

Connecting to vacuum cleaner

Cleaner operations can be performed by connecting the tool to Makita vacuum cleaner or dust collector. **(Fig. 35)**

OPERATION

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 or miter gauge. 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. Be especially careful with bevel cuts.
- 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.

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. 36)

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. 37)

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

Wood facing (rip fence) (Fig. 38)

A wood facing should be used for operations when the blade comes close to the rip fence. Wood facing for the rip fence should be the same size as the rip fence. Make sure the bottom of facing is flush with the table surface.

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. **(Fig. 39)**
2. Position the rip fence to the desired width of rip and lock in place by pivoting the grip. Before ripping, make sure the rear end of the rip fence is secured firmly. If it is not secured enough, follow the procedures in the section titled "Installing and adjusting rip fence".
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 your right hand to feed the workpiece. Use your left hand to hold the

- Sub table (back)
- Rip fence
- Miter gauge
- Offset wrench 13 – 22
- Wrench 19
- Hex wrench 5
- Joint (for connecting to dust collector)
- Auxiliary plate
- Stand set
- Sliding guide

Noise ENG905-1

The typical A-weighted noise level determined according to EN61029:

Sound pressure level (L_{pA}): 94 dB(A)
Sound power level (L_{WA}): 107 dB(A)
Uncertainty (K): 3 dB(A)

Wear ear protection.

For European countries only ENH003-13

EC Declaration of Conformity

We Makita Corporation as the responsible manufacturer declare that the following Makita machine(s):

Designation of Machine:
Table Saw
Model No./ Type: 2704
are of series production and

Conforms to the following European Directives:

2006/42/EC

And are manufactured in accordance with the following standards or standardised documents:

EN61029

The technical documentation is kept by our authorised representative in Europe who is:

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21. 4. 2010

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