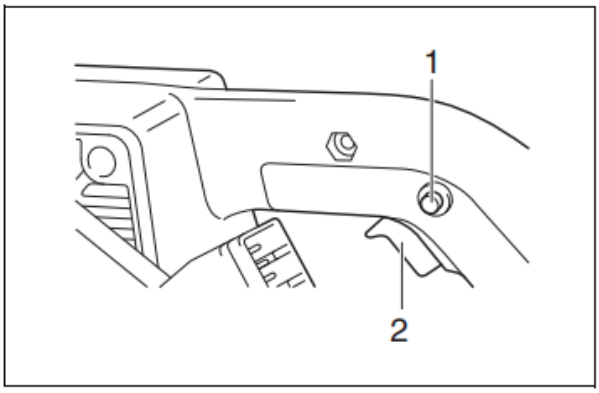
Makita Belt Sander 100mm 9401

Single speed sander for the effective sanding of wood as well as the removal of paint on metal and rust prior to finishing, provided you use the correct type of sanding belt.

User Benefits

- Heavy duty construction – ideal for site work
- Complete with dust bag
- Flat top for inverted applications
- Long cable for sanding runs
- Double insulated for safety
- Auto tracking belt system – no adjusting

Machine Specifications	
Belt Size	100 x 610 mm
Belt Speed	5.8 m/s
Overall Length	374 mm
Vibration Emission	2.5 m/s
Sound Pressure Level	92 dB(A)
Sound Power Level	100 dB(A)
Weight	7.2 kg



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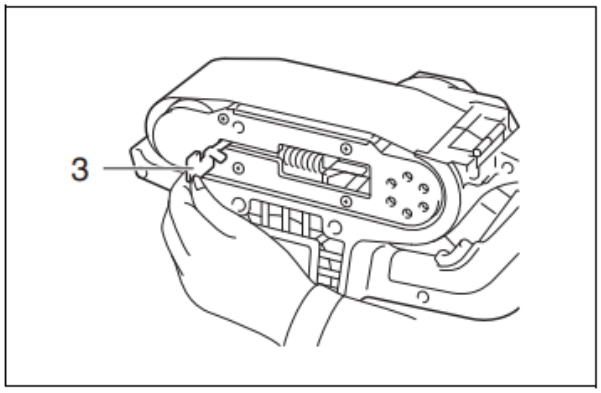

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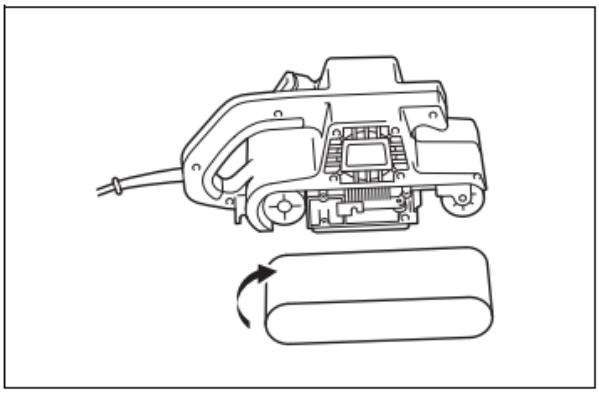

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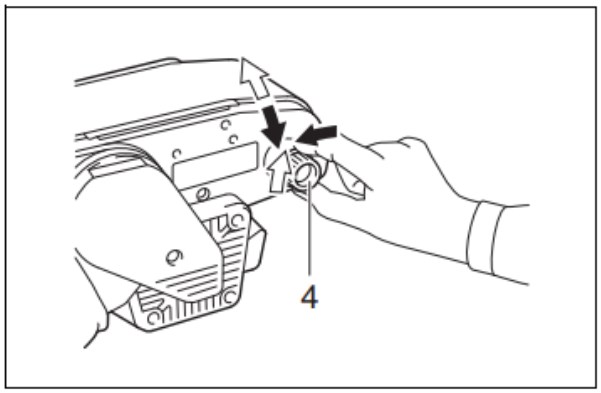

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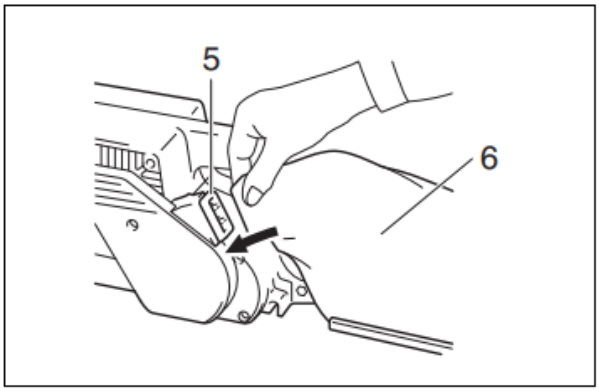

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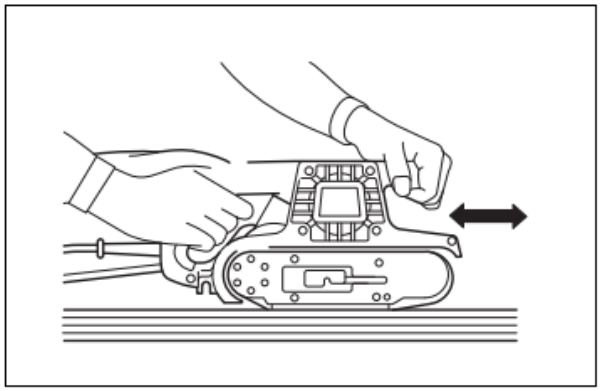

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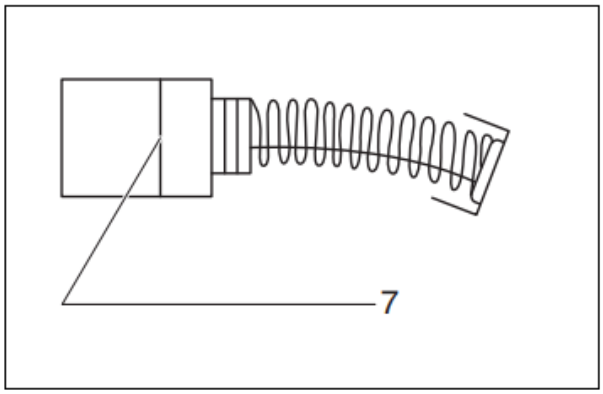

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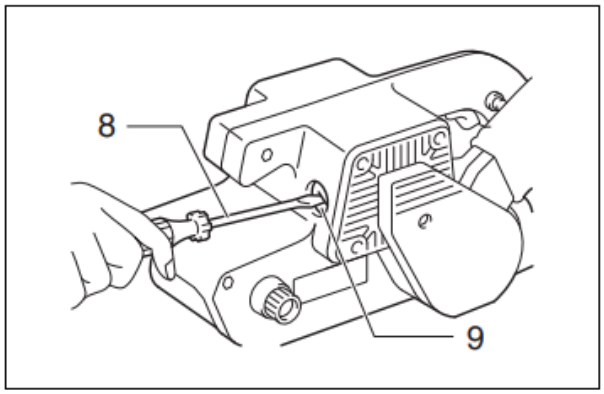

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- Due to our continuing program of research and development, the specifications herein are subject to change without notice.
- Specifications may differ from country to country.
- Weight according to EPTA-Procedure 01/2014

ENE052-1

Intended use

The tool is intended for the sanding of large surface of wood, plastic and metal materials as well as painted surfaces.

ENF002-2

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 and can, therefore, also be used from sockets without earth wire.

GEA010-2

General power tool safety warnings

⚠ **WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool.** Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

GEB145-1

BELT SANDER SAFETY WARNINGS

1. **Hold the power tool by insulated gripping surfaces, because the sanding surface may contact its own cord.** Cutting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
2. **Ventilate your work area adequately when you perform sanding operations.**
3. **Some material contains chemicals which may be toxic. Take caution to prevent dust inhalation and skin contact. Follow material supplier safety data.**
4. **Always use the correct dust mask/respirator for the material and application you are working with.**
5. **Always use safety glasses or goggles. Ordinary eye or sun glasses are NOT safety glasses.**
6. **Hold the tool firmly with both hands.**
7. **Make sure the belt is not contacting the workpiece before the switch is turned on.**
8. **Keep hands away from rotating parts.**
9. **Do not leave the tool running. Operate the tool only when hand-held.**
10. **This tool has not been waterproofed, so do not use water on the workpiece surface.**

SAVE THESE INSTRUCTIONS.

⚠ **WARNING: DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product. MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.**

FUNCTIONAL DESCRIPTION

⚠ **CAUTION:**

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

Switch action (Fig. 1)

⚠ **CAUTION:**

- Before plugging in the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.

To start the tool, simply pull the switch trigger. Release the switch trigger to stop.
For continuous operation, pull the switch trigger and then push in the lock button.
To stop the tool from the locked position, pull the switch trigger fully, and then release it.

ASSEMBLY

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

Installing or removing abrasive belt (Fig. 2 & 3)

Pull the lever all the way out and install the belt over the rollers, and then return the lever to the original position.

⚠ CAUTION:
- When installing the belt, make sure that the direction of the arrow on the back of the belt corresponds to the one on the tool itself.

Adjusting belt tracking (Fig. 4)

While the belt is running, use the adjusting knob to center the belt tracking. Failure to do so can result in frayed belt edges and wear on the sander frame.

Dust bag (Fig. 5)

The use of the dust bag makes sanding operations clean and dust collection easy. To attach the dust bag, fit it onto the dust spout.

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.

OPERATION

Sanding operation (Fig. 6)

⚠ CAUTION:
- The tool should not be in contact with the workpiece surface when you turn the tool on or off. Otherwise a poor sanding finish or damage of the belt may result.

Hold the tool firmly with both hands. Turn the tool on and wait until it attains full speed. Then gently place the tool on the workpiece surface. Keep the belt flush with the workpiece at all times and move the tool back and forth. Never force the tool. The weight of the tool applies adequate pressure. Excessive pressure may cause stalling, overheating of the motor, burning of the workpiece and possible kickback.

⚠ CAUTION:
- Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.
- Never use gasoline, benzine, thinner, alcohol or the like. Discoloration, deformation or cracks may result.

Replacing carbon brushes

Remove and check the carbon brushes regularly. Replace when they are worn 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. **(Fig. 7)**

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. **(Fig. 8)**

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

OPTIONAL 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.

- Abrasive belts
- Carbon plate
- Sanding shoe
- Dust bag
- Belt sander stand (For Model 9924DB)

NOTE:
- Some items in the list may be included in the tool package as standard accessories. They may differ from country to country.

Noise

The typical A-weighted noise level determined according to EN62841-2-4:

Model 9401
Sound pressure level (L_{pA}): 92 dB (A)
Sound power level (L_{WA}): 100 dB (A)
Uncertainty (K): 3 dB (A)
Model 9924DB
Sound pressure level (L_{pA}): 94 dB (A)
Sound power level (L_{WA}): 102 dB (A)
Uncertainty (K): 3 dB (A)

ENG907-1

NOTE:
- The declared noise emission value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.
- The declared noise emission value(s) may also be used in a preliminary assessment of exposure.

⚠ WARNING:
- **Wear ear protection.**
- **The noise emission during actual use of the power tool can differ from the declared value(s) depending on the ways in which the tool is used especially what kind of workpiece is processed.**
- **Be sure to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).**

Vibration

The vibration total value (tri-axial vector sum) determined according to EN62841-2-4:

Work mode: sanding metal plate
Vibration emission (a_h): 2.5 m/s^2 or less
Uncertainty (K): 1.5 m/s^2

ENG901-2

NOTE:
- The declared vibration total value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.
- The declared vibration total value(s) may also be used in a preliminary assessment of exposure.

⚠ WARNING:

- **The vibration emission during actual use of the power tool can differ from the declared value(s) depending on the ways in which the tool is used especially what kind of workpiece is processed.**
- **Be sure to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).**

DECLARATIONS OF CONFORMITY

For European countries only

The Declarations of conformity are included in Annex A to this instruction manual.

Makita Corporation Anjo, Aichi, Japan

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