



ORIGINAL INSTRUCTIONS
Belt / Disc Sander

RBDS4601G



Important!

It is essential that you read the instructions in this manual before assembling, operating and maintaining the product.

Subject to technical modifications.



Safety, performance, and dependability have been given top priority in the design of your belt/disc sander.

INTENDED USE

- This belt/disc sander is ideal for use in sharpening chisels, axes and other wood-cutting tools. It is also useful for repairing tips on screwdrivers and drill bits or for removing excess metal burrs from pieces of cut metal.
- With the proper accessories, this tool can be used for cleaning metal surfaces using a wire brush or for buffing and polishing using a cloth wheel.
- Never use this belt/disc sander for cut-off operations.

GENERAL SAFETY WARNINGS

WARNING

When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury. Read all these instructions before attempting to operate this product and save these instructions.

- **Keep work area clear.** Cluttered areas and benches invite injuries.
- **Consider work area environment.** Do not expose tools to rain. Do not use tools in damp or wet locations. Keep work area well lit. Do not use tools in the presence of flammable liquids or gases.
- **Guard against electric shock.** Avoid body contact with earthed or grounded surfaces (e.g., pipes, radiators, ranges, refrigerators).
- **Keep other persons away.** Do not let persons, especially children, be involved in the work, touch the tool or the extension cord, and keep them away from the work area.
- **Store idle tools.** When not in use, tools should be stored in a dry locked-up place, out of reach of children.
- **Do not force the tool.** It will do the job better and safer at the rate for which it was intended.
- **Use the right tool.** Do not force small tools to do the job of a heavy duty tool. Do not use tools for purposes not intended, for example, do not use circular saws to cut tree limbs or logs.
- **Dress properly.** Do not wear loose clothing or jewellery, they can be caught in moving parts. Non-skid footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.
- **Use protective equipment.** Use safety glasses. Use face or dust mask if working operations create dust.
- **Connect dust extraction equipment.** If the tool is provided for the connection of dust extraction and collecting equipment, ensure these are connected and properly used.
- **Do not abuse the cord.** Never yank the cord to disconnect it from the socket. Keep the cord away from heat, oil and sharp edges.
- **Secure work.** Where possible, use clamps or a vice to hold the work. It is safer than using your hand.
- **Do not overreach.** Keep proper footing and balance at all times.
- **Maintain tools with care.** Keep cutting tools sharp and clean for better and safer performance. Follow instruction for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have them repaired by an authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean and free from oil and grease.
- **Disconnect tools.** When not in use, before servicing and when changing accessories such as blades, bits and cutters, disconnect tools from the power supply.
- **Remove adjusting keys and wrenches.** Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.
- **Avoid unintentional starting.** Ensure switch is in "off" position when plugging in.
- **Use outdoor extension leads.** When the tool is used outdoors, use only extension cords intended for outdoor use and so marked.
- **Stay alert.** Watch what you are doing, use common sense and do not operate the tool when you are tired, under the influence of any drugs, alcohol, or medication that could affect your ability to use the tool properly.
- **Check damaged parts.** Before further use of tool, it should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service centre unless otherwise indicated in this instruction manual. Have defective switches replaced by an authorized service centre.
- **Do not use the tool if the switch does not turn it on and off.**
- **Warning.** The use of any accessory or attachment other than the one recommended in this instruction manual may present a risk of personal injury.
- **Have your tool repaired by a qualified person.** This electric tool complies with the relevant safety rules. Repairs should only be carried out by qualified persons using original spare parts otherwise this may result in considerable danger to the user.



BELT / DISC SANDER SAFETY RULES

⚠ WARNING

The product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the product.

- Do not operate the tool until it is completely assembled and installed according to the instructions.
- Provide adequate general or localized lighting.
- Before work, check that the machine is placed on an even surface with sufficient stability. For your own safety, always mount the machine to a work bench using bolts.
- Keep the surrounding area of the machine well maintained and free of loose materials, such as chips and cut-offs.
- Always hold the workpiece firmly when sanding.
- Use clamps or a vise to hold work when practical.
- To minimize risk of tipping machine, always support long workpieces.
- Never sand more than one workpiece at a time. Do not stack more than one workpiece on the machine base at a time.
- Do not sand with the workpiece unsupported. Do not sand pieces of material that are too small to be safely supported.
- Avoid awkward operations and hand positions where a sudden slip could cause your hand to move into the sanding belt or disc.
- Avoid kickback by sanding in accordance with directional arrows.
- Always maintain a clearance of 16 mm between the work table and the machine.
- Never stand or have any part of your body in line with the path of the workpiece.
- Machine should never be connected to power supply when you are assembling parts, making adjustments, or when not in use.
- Never leave tool running unattended. Do not leave tool until it comes to a complete stop.
- If the power supply cord is damaged or otherwise defective, it must only be replaced by the manufacturer or by an authorized repair agent.
- We recommend the use of a residual current device with a residual current rating of 30mA or less.

KNOW YOUR PRODUCT

See page 5.

1. Sanding stopper
2. Sanding belt
3. Sanding pad
4. On/off switch
5. Mitre guide
6. Work rest

MAINTENANCE

- Do not modify the product in any way or use accessories not approved by the manufacturer. Your safety and that of others may be compromised.
- Do not use the product if any switches, guards or other functions does not work as intended. Return to an authorised service centre for professional repair or adjustment.
- Do not make any adjustments whilst the product is running.
- Always make sure the power plug has been removed from the mains power source before making adjustments, lubricating or when doing any maintenance on the product.
- Before and after each use, check the product for damage or broken parts. Keep the product in top working condition by immediately replacing parts with spares approved by the manufacturer.
- Clean out accumulated dust using a brush or vacuum cleaner. Do not use compressed air.
- To assure safety and reliability, all repairs, including changing brushes, should be performed by an authorised service centre.
- If the power supply cord is damaged, it must be replaced only by the manufacturer or by an authorised service centre to prevent damage to the saw or risk of electrocution.

⚠ WARNING

For greater safety and reliability, all repairs should be performed by an Authorised Ryobi Service Centre.

TRANSPORTATION AND STORAGE

- When storing the product, disconnect the power cord. Store the product in a secure place that is not accessible to children.
- Clean the product using a brush and vacuum cleaner before storage.



ENVIRONMENTAL PROTECTION



Recycle raw materials instead of disposing of as waste. The machine, accessories and packaging should be sorted for environmental-friendly recycling.

SYMBOL



Safety alert



CE conformity



EurAsian conformity mark



Ukrainian mark of conformity



Please read the instructions carefully before starting the machine.



Wear ear protection



Wear eye protection



No hands symbol



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



Parts or accessories sold separately

The following signal words and meanings are intended to explain the levels of risk associated with this product:

DANGER

Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.

WARNING

Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.

CAUTION

Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.

CAUTION

(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

SYMBOLS IN THIS MANUAL



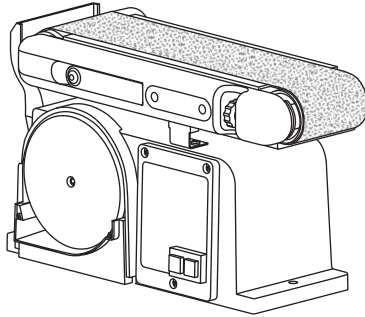
Plug in the product.



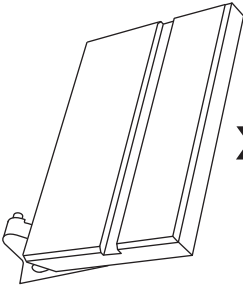
Unplug the product.



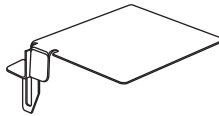
Unpacking



x 1



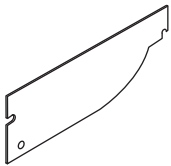
x 1



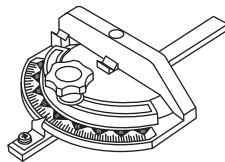
x 1



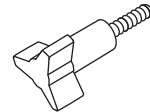
x 1



x 1



x 1



x 1



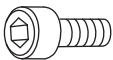
x 1



x 2



x 2



x 2



x 2

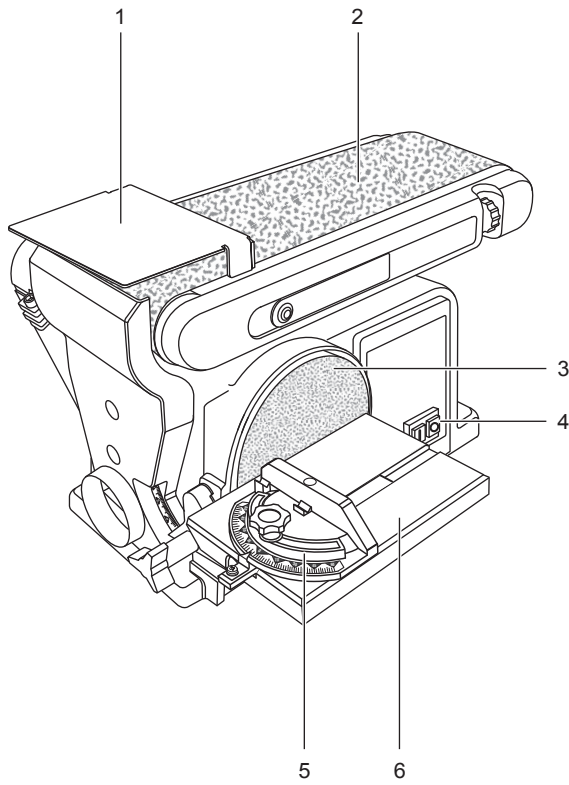


x 1



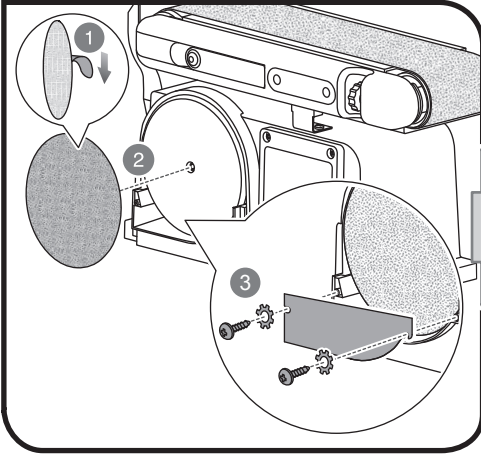
x 1



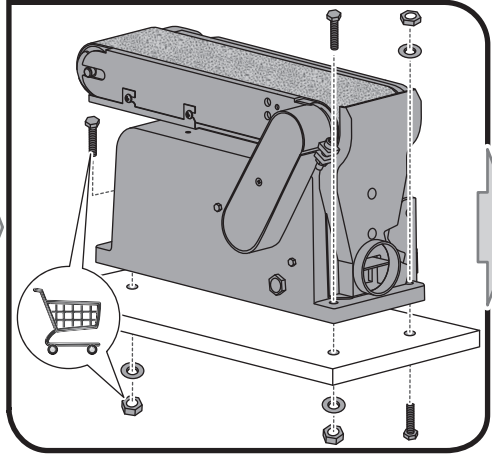




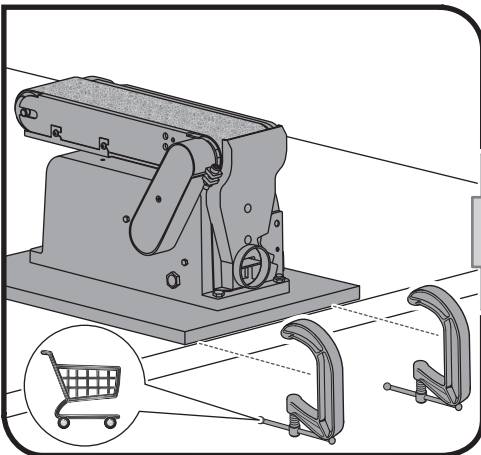
1



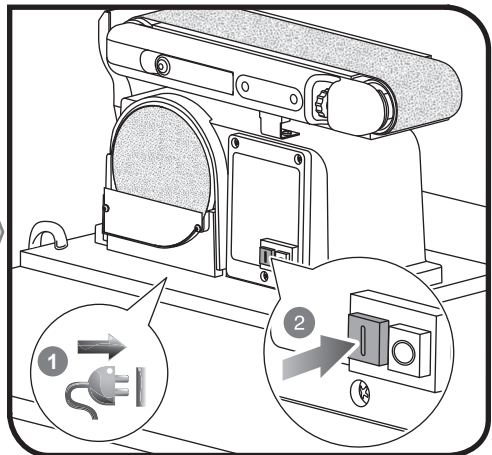
2

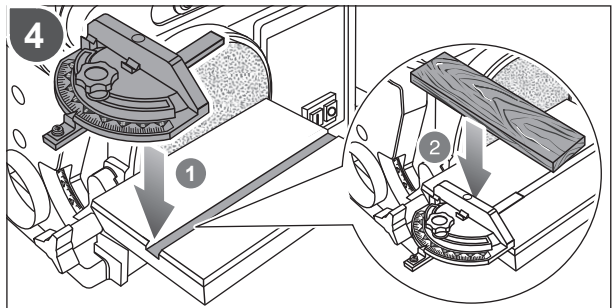
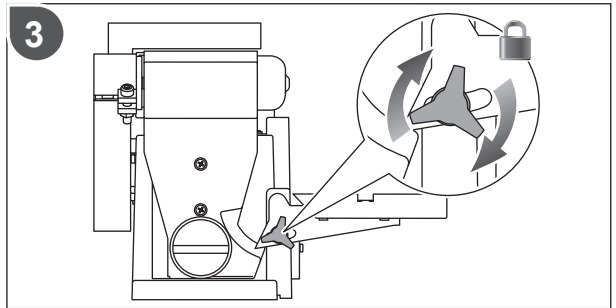
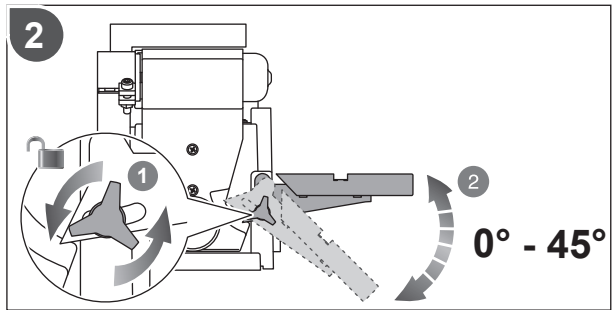
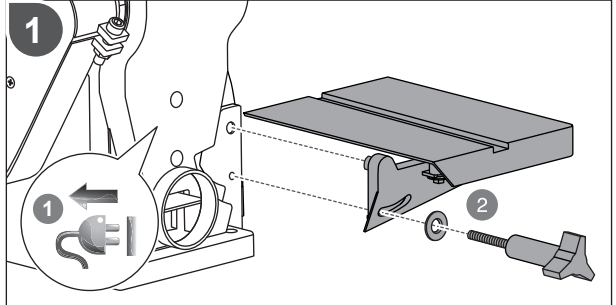
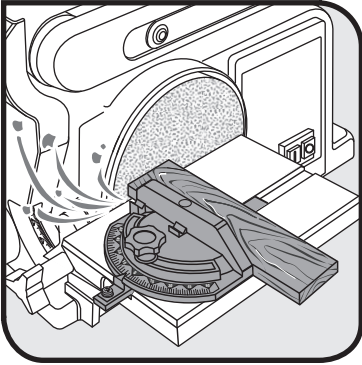


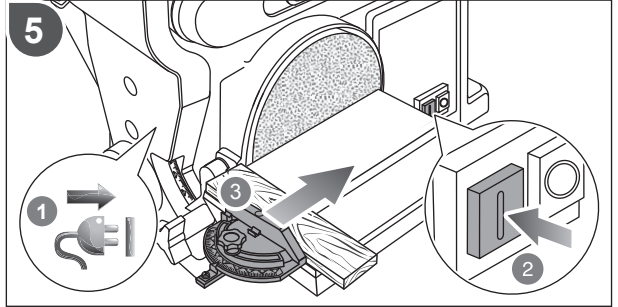
3

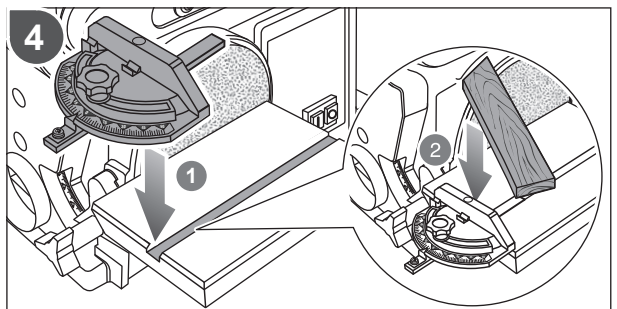
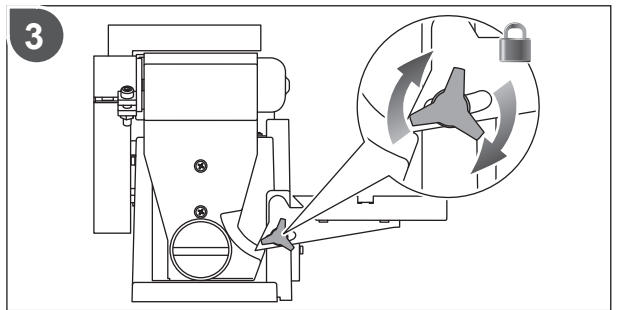
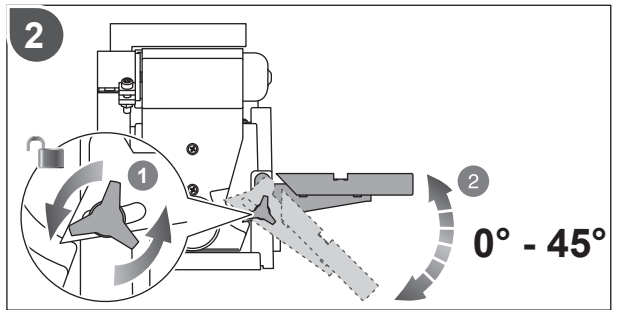
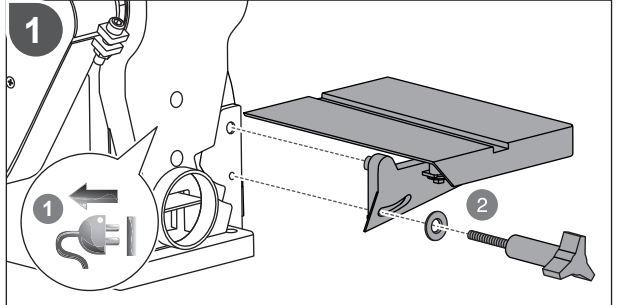
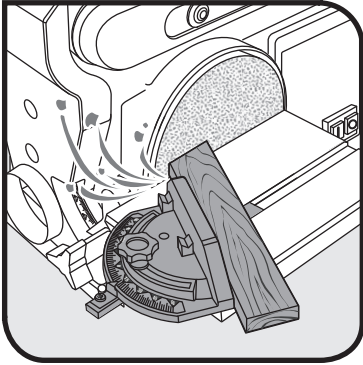


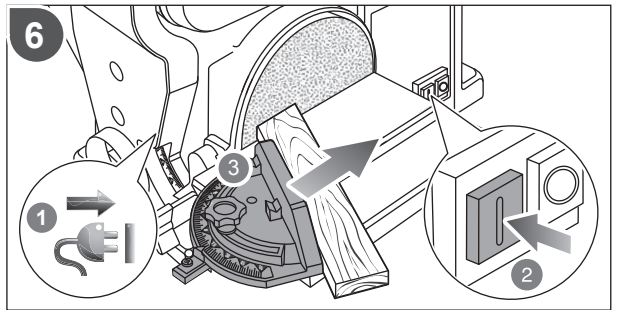
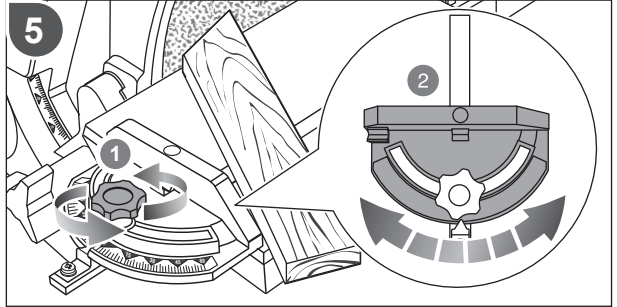
4

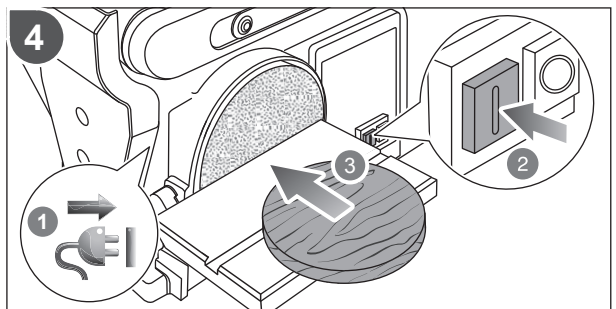
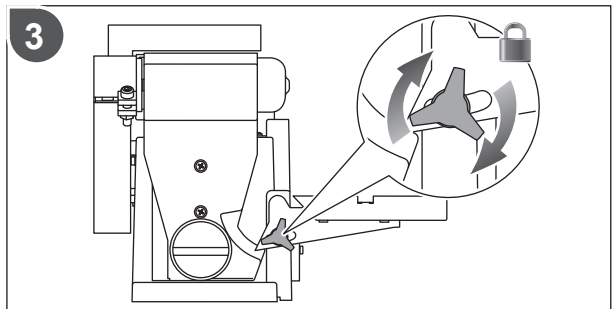
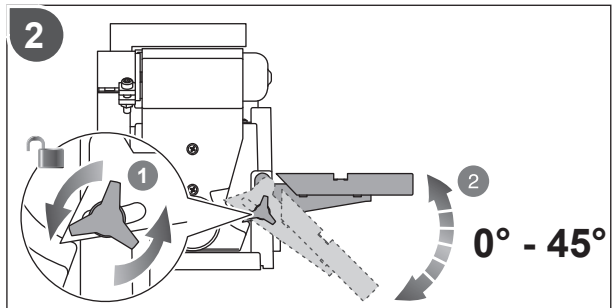
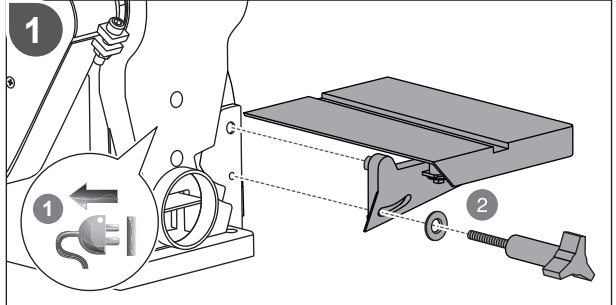
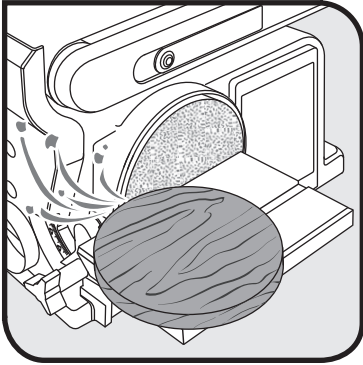


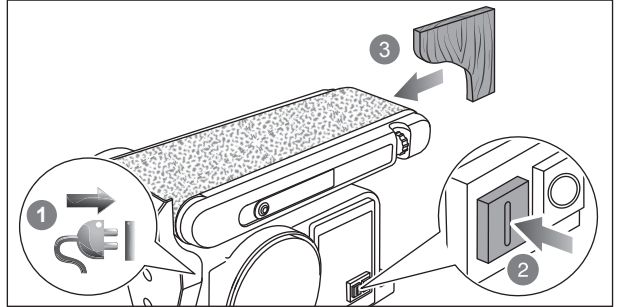


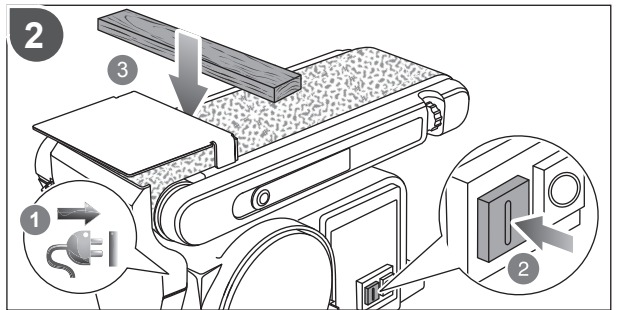
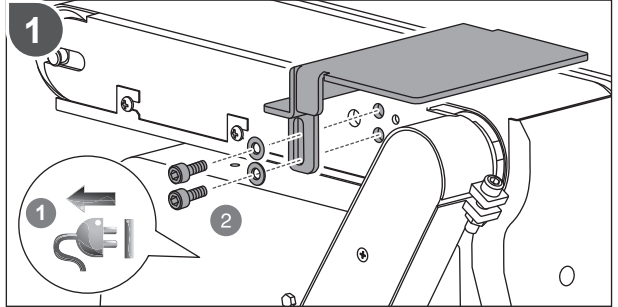
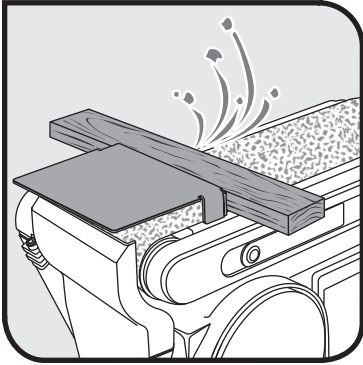


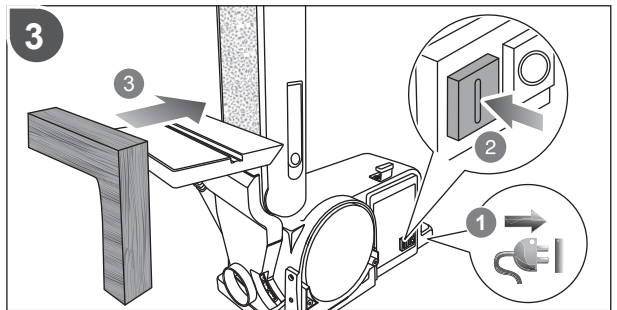
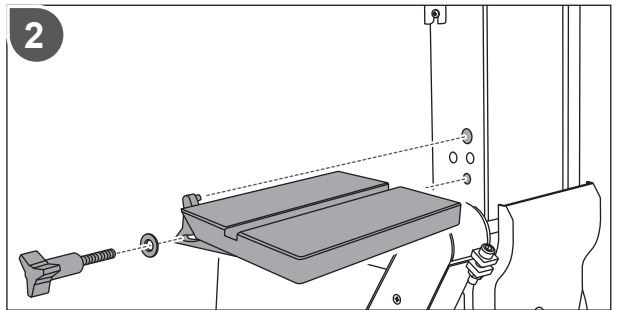
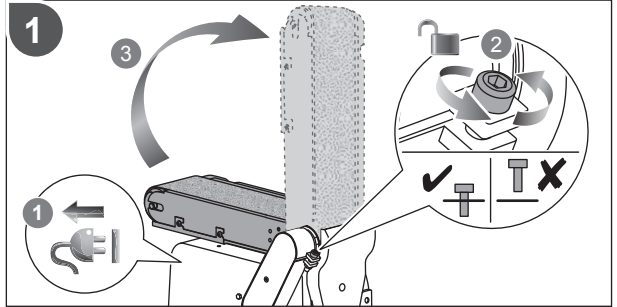
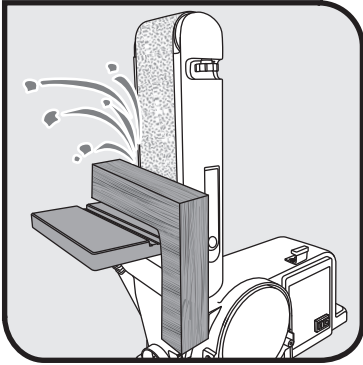


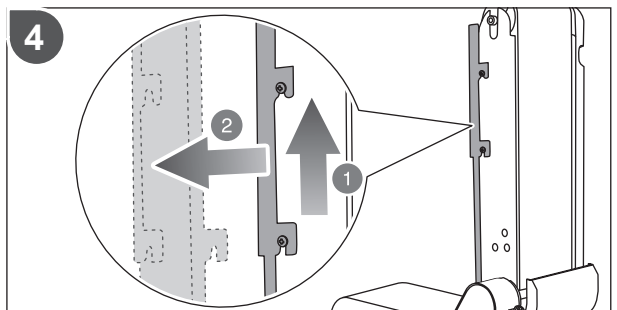
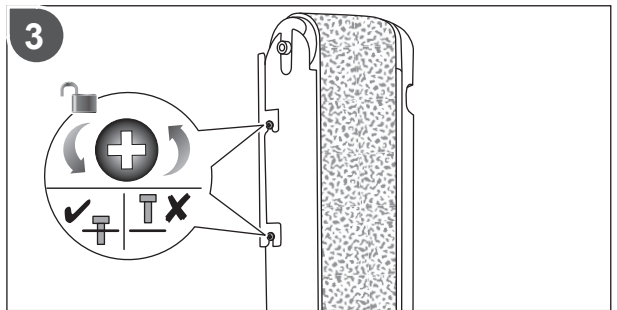
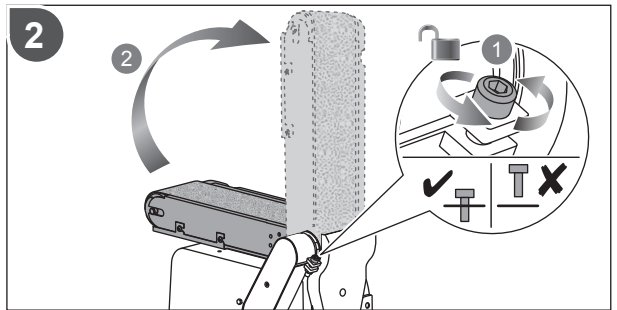
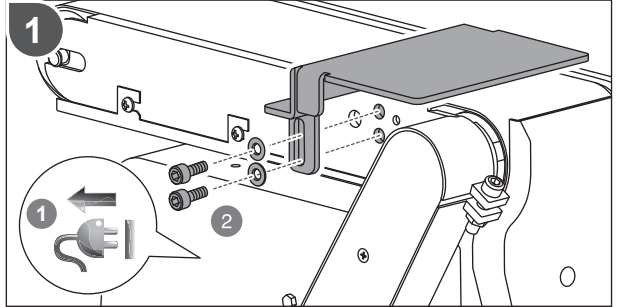


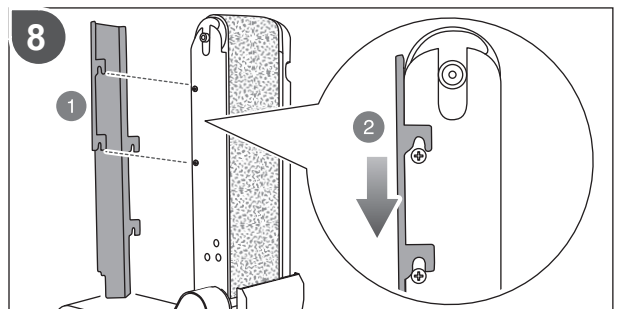
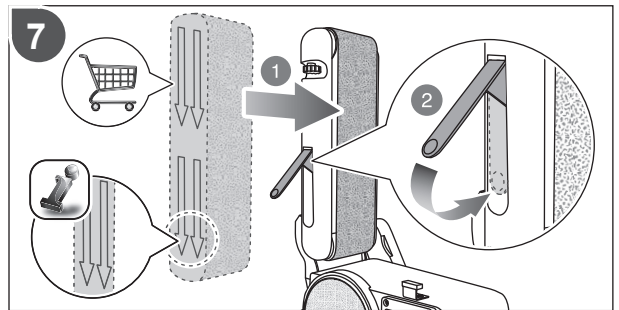
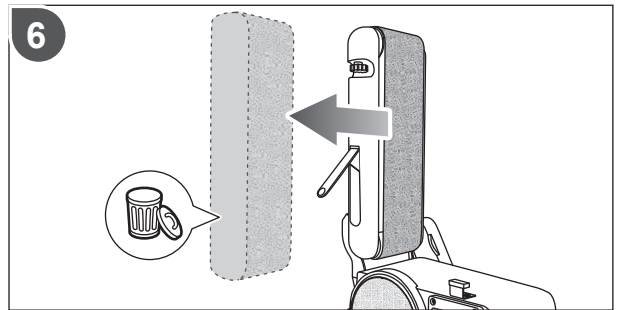
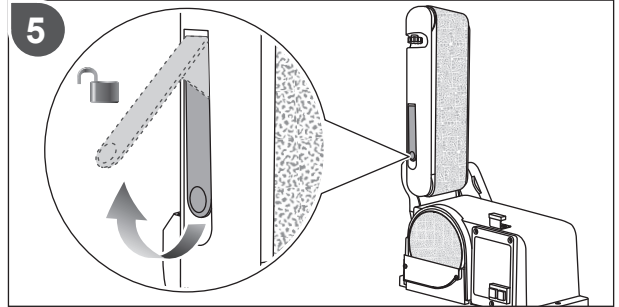


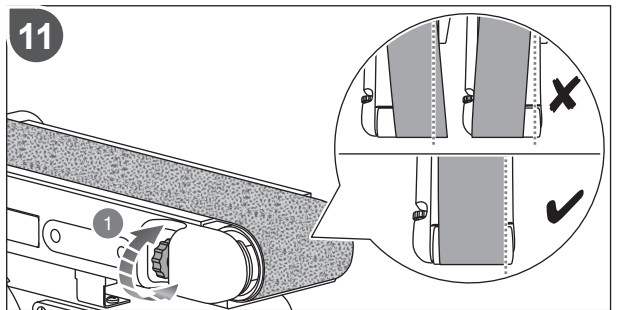
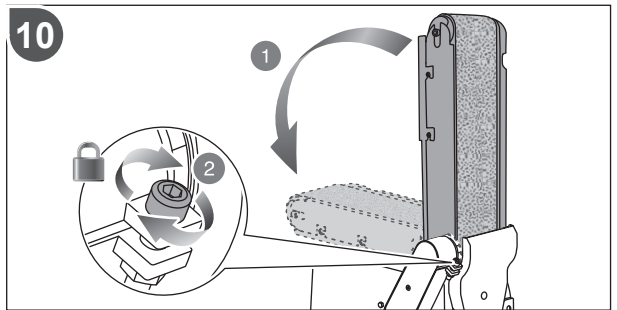
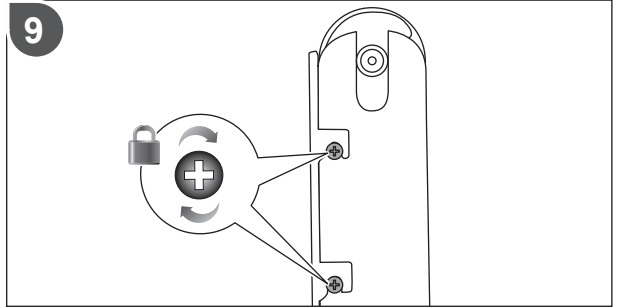












PRODUCT SPECIFICATIONS

Belt / Disc Sander

Model	RBDS4601G
Belt size	100 mm x 914 mm
Belt speed	7.5 m/s
Belt tilt	0° - 90°
Disc size	Ø150 mm
Disc speed	2,850 min ⁻¹
Table size	225 mm x 158 mm
Table tilt	0° - 45°
Motor ratings	230V - 240V ~ 50 Hz
Rated power	370 W
Net weight	18.5 kg

GUARANTEE

In addition to any statutory rights resulting from the purchase, this product is covered by a guarantee as stated below.

1. The guarantee period is 24 months for consumers and commences on the date when the product was purchased. This date has to be documented by an invoice or other proof of purchase. The product is designed and dedicated to consumer and private use only. So there is no guarantee provided in case of professional or commercial use.
2. There is, in some cases (i.e. promotion, range of tools), a possibility to extend the warranty period over the period described above using the registration on the www.ryobitools.eu website. The eligibility of the tool is clearly displayed in stores and/or on packaging. The end user needs to register his/her newly-acquired tools online within 8 days from the date of purchase. The end user may register for the extended warranty in his country of residence if listed on the online registration form where this option is valid. Furthermore, end users must give their consent to the storage of the data which are required to enter online and they have to accept the terms and conditions. The registration confirmation receipt, which is sent out by e-mail, and the original invoice showing the date of purchase will serve as proof of the extended warranty. Your statutory rights remain unaffected.
3. The guarantee covers all defects of the product during the warranty period due to defaults in workmanship or material at the purchase date. The guarantee is limited to repair and/or replacement and does not include any other obligations including but not limited to incidental or consequential damages. The warranty is not valid if the product has been misused, used contrary to the instruction manual, or being incorrectly connected. This guarantee does not apply to
 - any damage to the product that is the result of improper maintenance
 - any product that has been altered or modified
 - any product where original identification (trade mark, serial number) markings have been defaced, altered or removed
 - any damage caused by non-observance of the instruction manual
 - any non CE product
 - any product which has been attempted to be repaired by an non-qualified professional or without prior authorization by Techtronic Industries
 - any product connected to improper power supply (amps, voltage, frequency)
 - any damage caused by external influences (chemical, physical, shocks) or foreign substances
 - normal wear and tear of spare parts
 - inappropriate use, overloading of the tool
 - use of non-approved accessories or parts
 - carburettor after 6 months, carburettor adjustments after 6 months
 - power tool accessories provided with tool or purchased separately. Such exclusions include but is not limited to screw driver bits, drill bits, abrasive discs, sand paper and blades, lateral guide
 - components (parts and accessories) subject to natural wear and tear, including but not limited to carbon brushes, chuck, power cord, auxiliary handle, sanding plate, dust bag, dust exhaust tube
4. For servicing, the product must be sent or presented to a RYOBI authorized service station listed for each country in the following list of service station addresses. In some countries your local RYOBI dealer undertakes to send the product to the RYOBI service organisation. When sending a product to a RYOBI service station, the product should be safely packed without any dangerous contents such as petrol, marked with sender's address and accompanied by a short description of the fault.
5. A repair/replacement under this guarantee is free of charge. It does not constitute an extension or a new start of the guarantee period. Exchanged parts or tools become our property. In some countries delivery charges or postage will have to be paid by the sender.
6. This guarantee is valid in the European Community, Switzerland, Iceland, Norway, Liechtenstein, Turkey and Russia. Outside these areas, please contact your authorized RYOBI dealer to determine if another warranty applies.

AUTHORISED SERVICE CENTRES

ACD PLANT LTD

145 Southbank Road
Coundon
Coventry, West Midlands
CV6 1FG
Phone: 02476 594348
Email: danmcgunigle@acdplant.co.uk
Web: www.acdplant.co.uk

CBS Power Tools Limited

Unit 4, V P Square
Storeys Bar Rd, Fengate
Peterborough, Cambridgeshire
PE1 5YS
Phone: 01733 343031
Email: steve@cbspowertools.co.uk
Web: www.cbspowertools.com

C D Powertools

76 Old Road

Churwell Morley, Leeds
LS27 7TH
Phone: 0113 2718494
Email: info@cdpowertools.co.uk
Web : www.cdpowertools.co.uk

C J Sinclair Limited

44 Victoria Road
St Peters
Broadstairs, Kent
CT10 2UG
Phone: 01843 869400
Email: repairs@cjsinclairltd.co.uk
Web: www.cjsinclairltd.co.uk

Powertech Ind Ltd

Unit 2C, Ellison Road
Norwood Ind, Killamarsh
Sheffield, South Yorkshire
S21 2JG

Phone: 01142 474080
Email: stores@powertech-industrial.co.uk
Web: www.powertech-industrial.co.uk

RYCKO Technical Services LTD

104 Green Lane
St Albans, Herts
AL3 6EX
Phone: 08458 678790
Email: info@ryckotechnical.com
Web: www.ryckotechnical.com

TooTech Industrial Equipment

227 E Dunhill Road, Macosquin
Coleraine, Co Londonderry
BT514LQ
Phone: 028 70359493
Email: john@tooltech.org.uk

For an updated list of authorised service centres, visit <http://uk.ryobitools.eu/header/service-and-support/service-agents>.

DECLARATION OF CONFORMITY

Techtronic Industries GmbH
Max-Eyth-Straße 10, 71364 Winnenden, Germany

Herewith we declare that the product

Belt/disc sander

Brand: Ryobi

Model number: RBDS4601G

Serial number range: ##### - #####

is in conformity with the following European Directives and harmonised standards

2006/42/EC, 2014/30/EU, 2011/65/EU

EN 55014-1:2006+A1:2009+A2:2011; EN 55014-2:1997+A1:2001+A2:2008;

EN 61000-3-2:2014; EN 61000-3-3:2013;

EN61029-1:2009+A11:2010

RoHS documentation is compiled according to EN 50581:2012.



Andrew John Eyre (BEng, CEng, MIET)
Vice President, Regulatory & Safety
Winnenden, Apr. 20, 2012



Authorised to compile the technical file:
Alexander Krug, Managing Director
Techtronic Industries GmbH
Max-Eyth-Straße 10, 71364 Winnenden, Germany



Techtronic Industries GmbH
Max-Eyth-Straße 10,
71364 Winnenden, Germany