



ORIGINAL INSTRUCTIONS
Cordless Multi-Tool

RMT1801



Important!

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

Subject to technical modification.



Safety

Safety, performance, and dependability have been given top priority in the design of your cordless multi-tool.

INTENDED USE

The product is intended to be used only by adults who have read and understood the instructions and warnings in this manual, and can be considered responsible for their actions.

You may use this product for cutting and sanding purposes.

Do not use the product in any way other than those stated for intended use.

GENERAL POWER TOOL SAFETY WARNINGS

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.

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

WORK AREA SAFETY

- **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool outdoors, use an**

extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

- **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

PERSONAL SAFETY

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

POWER TOOL USE AND CARE

- **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power**



Safety

tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

- **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc, in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

BATTERY TOOL USE AND CARE

- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.

SERVICE

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

SPECIAL SAFETY RULES

- **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **Protect your lungs. Wear a face or dust mask if the operation is dusty.**
- **Always wear safety goggles and a dust mask when sanding, especially sanding overhead.**

- **A suitable breathing respirator must be worn while sanding lead paint, some woods and metal to avoid breathing the harmful/toxic dust or air.**

MAINTENANCE

- **When servicing, use only identical Ryobi replacement parts.** Use of any other parts may create a hazard or cause product damage.
- **Avoid using solvents when cleaning plastic parts.** Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.
- **Always wear safety goggles or safety glasses with side shields during power product operation or when blowing dust. If operation is dusty, also wear a dust mask.**
- **To avoid serious personal injury, always remove the battery pack from the product when cleaning or performing any maintenance.**

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



Recycle



Safety

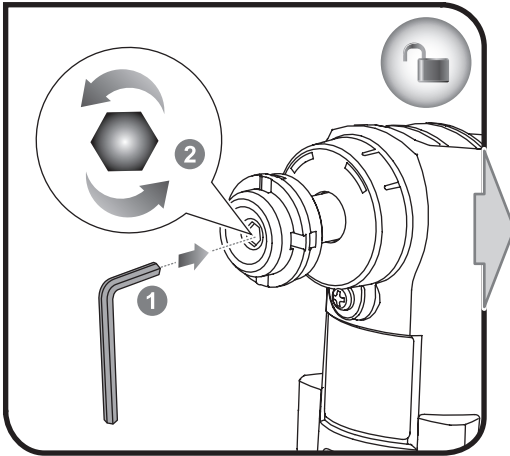


Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

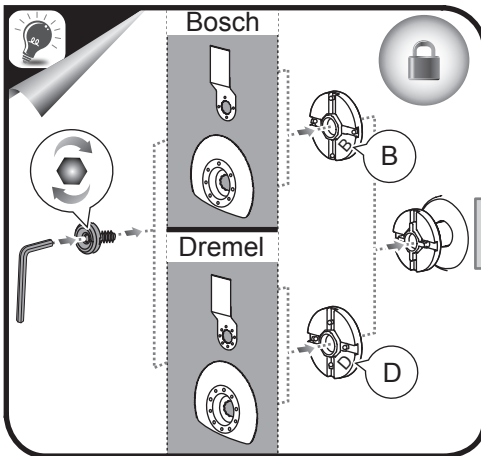
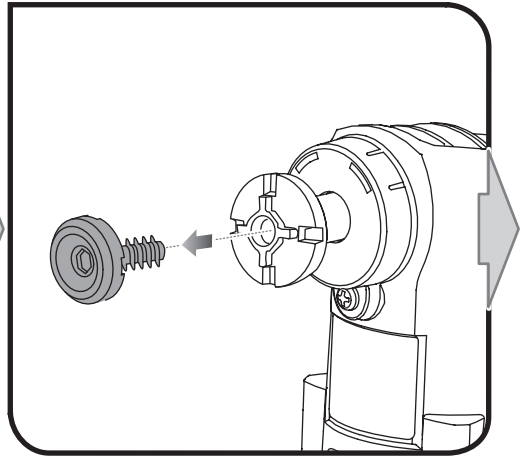


Getting started

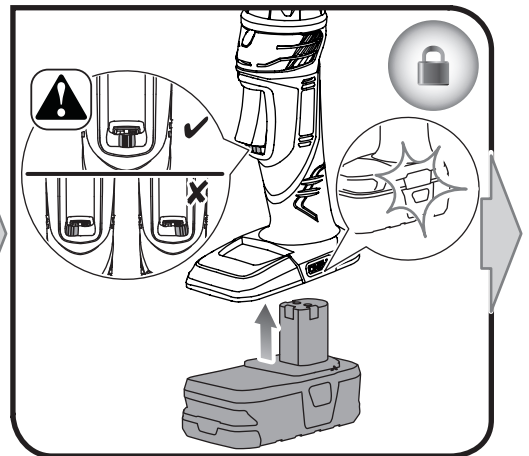
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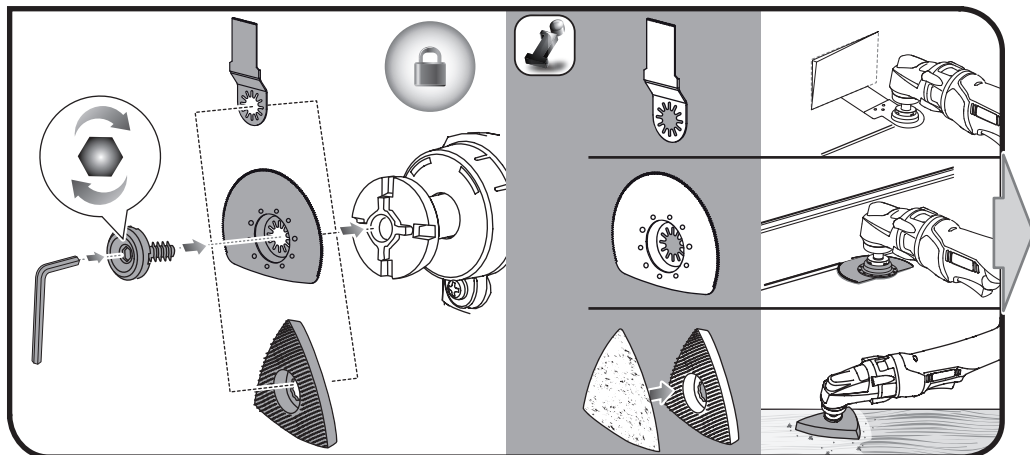


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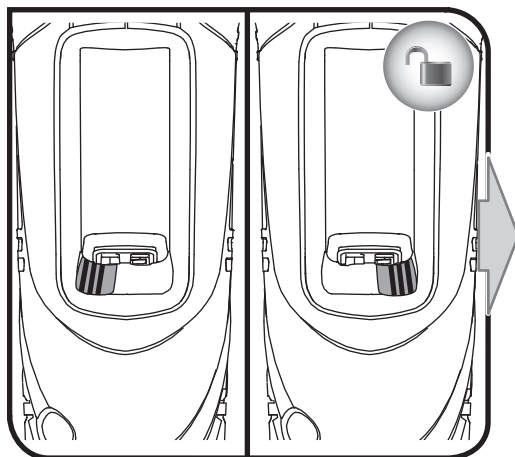




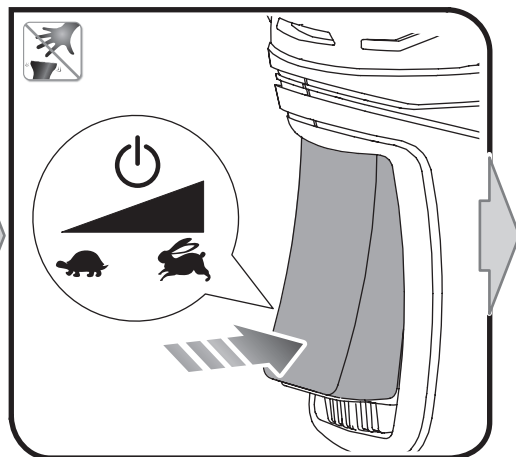
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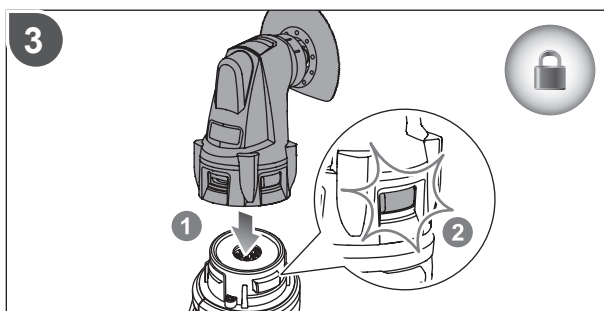
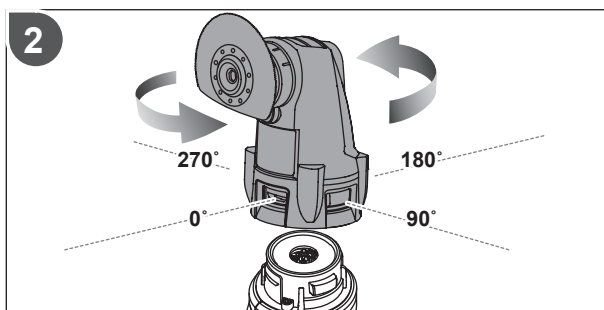
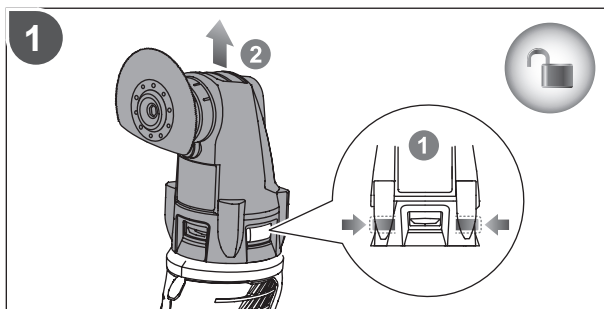
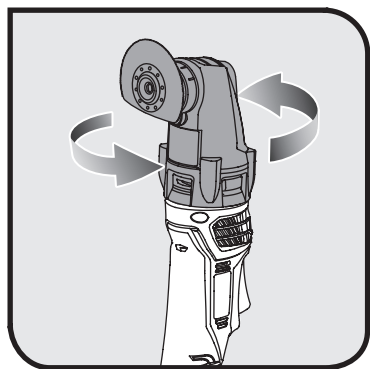


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VIBRATION LEVEL



WARNING

The vibration emission level given in this information sheet has been measured in accordance with a standardised test given in EN 60745 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure. The declared vibration emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period. Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, and organisation of work patterns.

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.

PRODUCT SPECIFICATIONS

Cordless multi-tool	
Model	RMT1801
Voltage	18 V 
Switch	Variable speed
No-load speed	0-20,000 min ⁻¹
Weight - excluding battery pack	0.95 kg
Oscillation angle	3°

Measured sound values determined according to EN 60745:

A-weighted sound pressure level	$L_{PA} = 85 \text{ dB(A)}$
Uncertainty K	3 dB
A-weighted sound power level	$L_{WA} = 96 \text{ dB(A)}$
Uncertainty K	3 dB
Wear ear protectors.	

Weighted root mean

The vibration total values (triax vector sum) determined according to EN 60745:

Vibration emission value

Cutting chipboard (wood)	$a_h = 4.2 \text{ m/s}^2$
Uncertainty K	1.5 m/s ²
Cutting chipboard (wood & metal)	$a_h = 5.7 \text{ m/s}^2$
Uncertainty K	1.5 m/s ²
Sanding	$a_h = 1.4 \text{ m/s}^2$
Uncertainty K	1.5 m/s ²

BATTERY AND CHARGER

Model	Compatible battery pack (not included)	Compatible charger (not included)
Lithium-ion	RB18L13	BCS618 BCL14181H BCL14183H RC18150
	RB18L15	
	RB18L20	
	RB18L25	
	RB18L40	
	RB18L50	

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

ToolTech 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

Cordless Multi-Tool

Brand: Ryobi

Model number: RMT1801

Serial number range: 44405302000001 - 44405302999999

is in conformity with the following European Directives and harmonised standards

2006/42/EC, 2004/108/EC (until 19 April 2016), 2014/30/EU (from 20 April 2016), 2011/65/EU

EN 60745-1:2009+A11:2010, EN 60745-2-4:2009+A11:2011, EN 55014-1:2006+A1:2009+A2:2011,

EN 55014-2:1997+A1:2001+A2:2008

RoHS documentation is compiled according to EN 50581:2012



Andrew John Eyre (BEng, CEng, MIET)

Vice President Regulatory & Safety

Winnenden, Feb. 29, 2016



Authorised to compile the technical file:

Alexander Krug, Managing Director

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