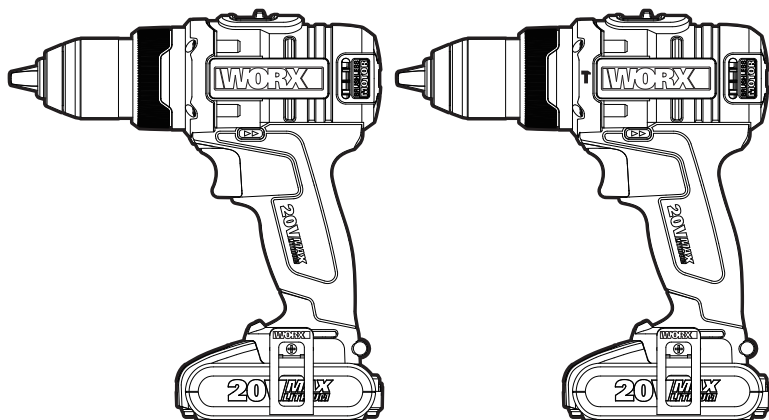


WORX



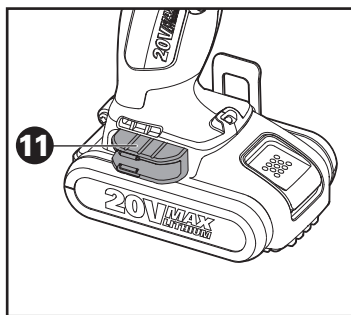
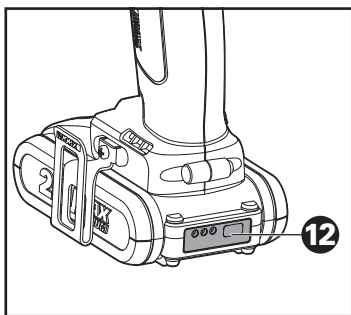
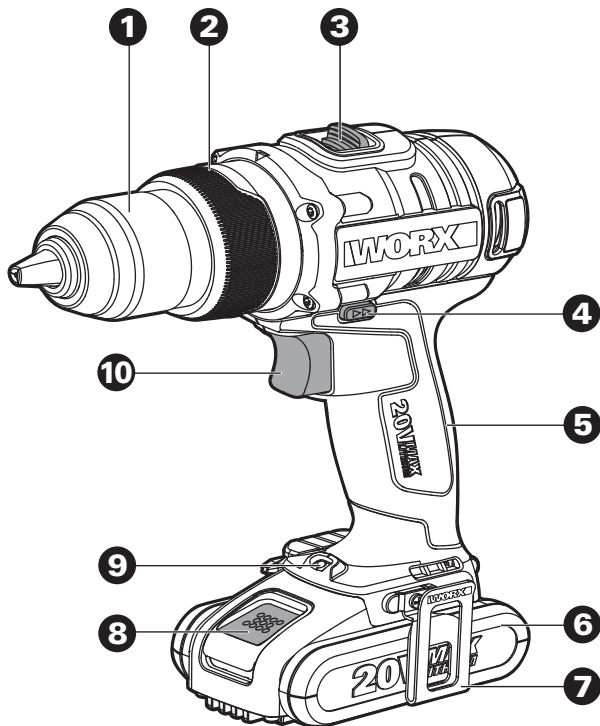
**BRUSHLESS
MOTOR**

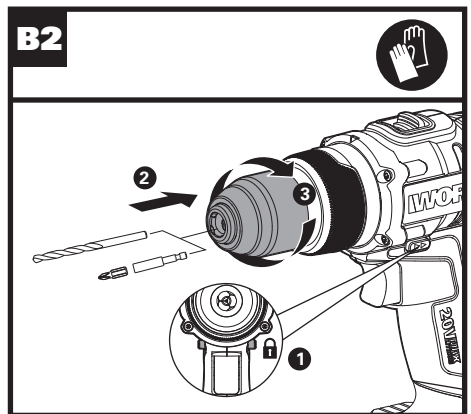
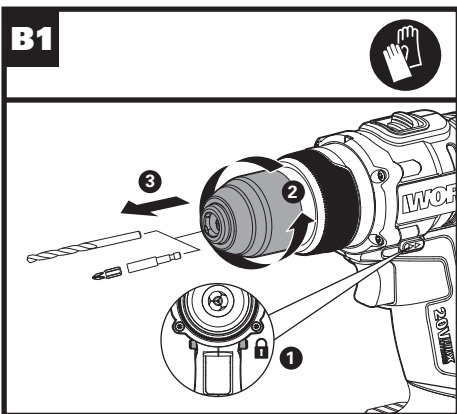
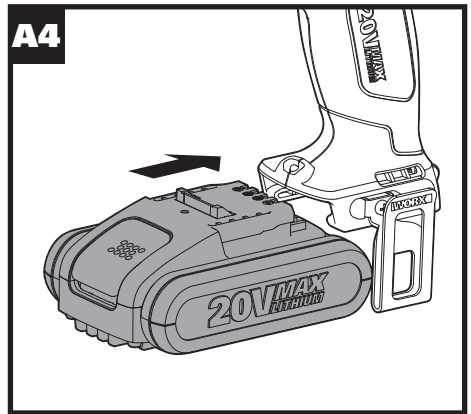
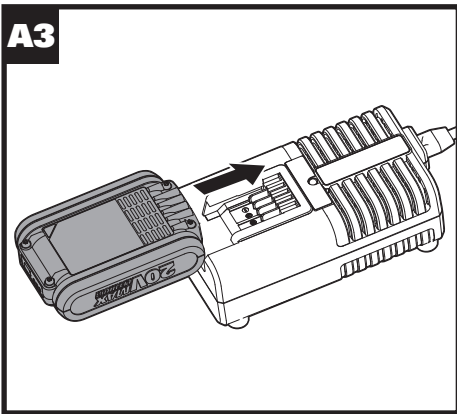
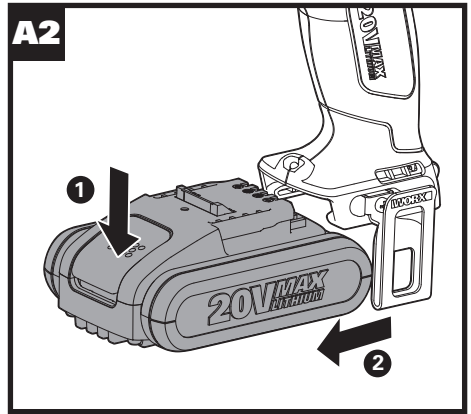
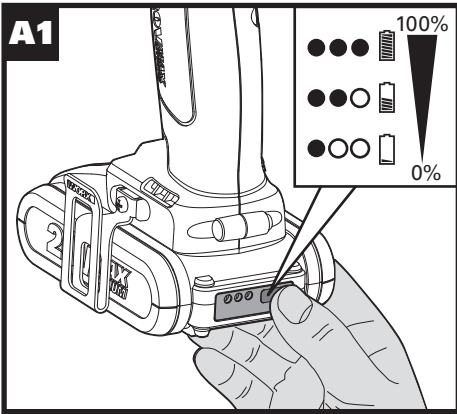
**20V MAX
LITHIUM**

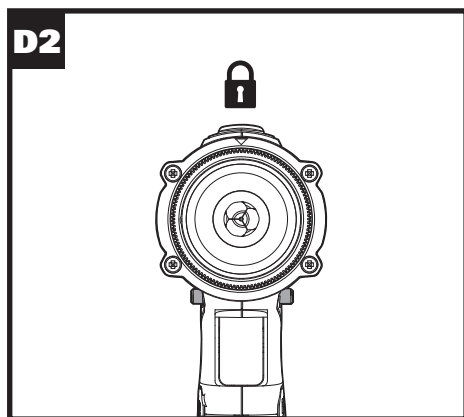
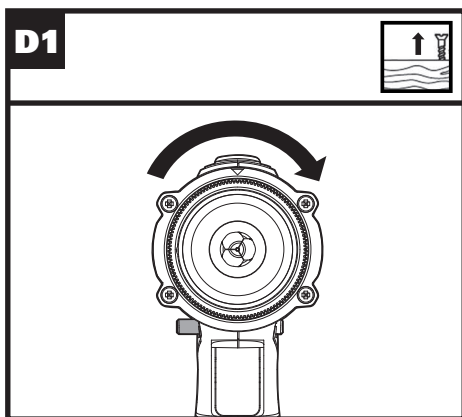
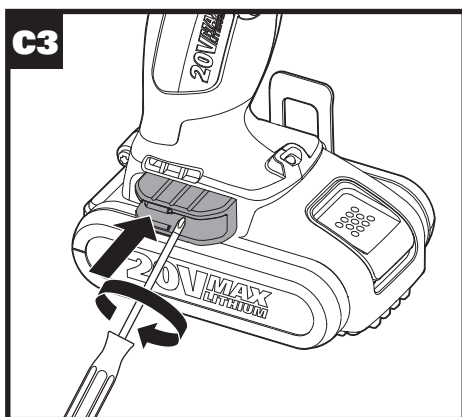
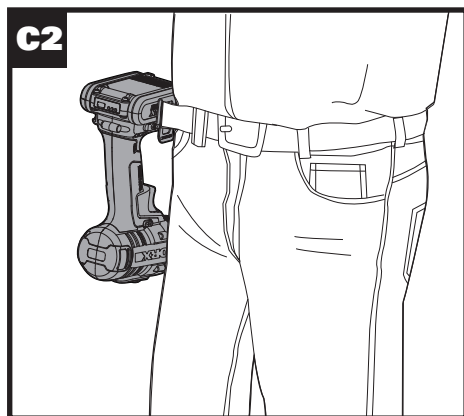
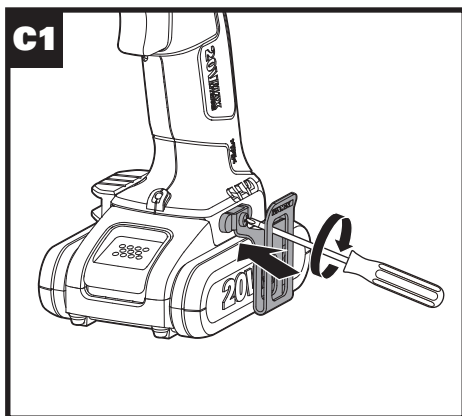
Lithium-Ion Brushless drill driver	EN	P07
Lithium-Ion Brushless hammer drill		
Bürstenloser Lithium-Ionen-Bohrschrauber	D	P15
Bürstenloser Lithium-Ionen-Bohrhammer		
Perceuse-visseuse sans brosse lithium-ion	F	P23
Marteau perforateur sans brosse avec batterie au lithium		
Trapano avvitatore brushless agli ioni di litio	I	P31
Trapano a percussione brushless agli ioni di litio		
Taladro sin escobillas con batería de ion-litio	ES	P39
Taladradora de percusión sin escobillas de ion-litio		
Lithium-ion borstelloze schroefboormachine	NL	P47
Lithium-ion borstelloze hamerboor		
Bezczotkowa wiertarko-wkretarka z bateria litowo-jonowa	PL	P55
Bezczotkowa wiertarka z udarem zasilana baterią litowo-jonową		
Lítiumionos, kefe nélküli motoros fúrógép/csavarhúzó	HU	P63
Lítium ionos szénkefe-mentes ütvefúró		
Masina de gaurit cu motor fara perii si btaerie pe baza de litiu-ion	RO	P71
Mašiná de gaurit cu motor fárá perii, pe bazá de litiu-ion		
Vrtacka s bezkomutátorovým motorem a li-ion akumulátorem	CZ	P79
Bezkomutátorová príklepová vrtacka s lithium-ionovým akumulátorem		
Bezkomutátorová vrtacka napájaná lítiovo-ióňovou batériou	SK	P87
Vrtácie kladivo napájané lítiovo-ióňovou batériou		

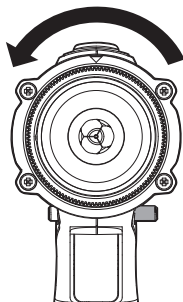
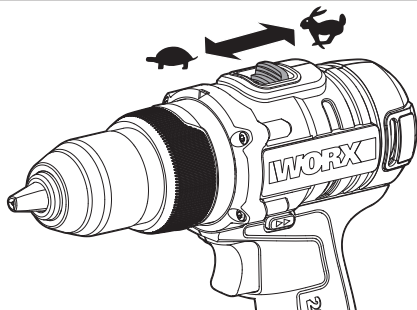
**WX175 WX175.I
WX373 WX373.I WX373.2**

Original instructions	EN
Originalbetriebsanleitung	D
Notice originale	F
Istruzioni originali	I
Manual original	ES
Oorspronkelijke gebruiksaanwijzing	NL
Tłumaczenie oryginalnych instrukcji	PL
Eredeti használati utasítás	HU
Traducerea instrucțiunilor inițiale	RO
Překlad původních pokynů	CZ
Preklad pôvodných pokynov	SK

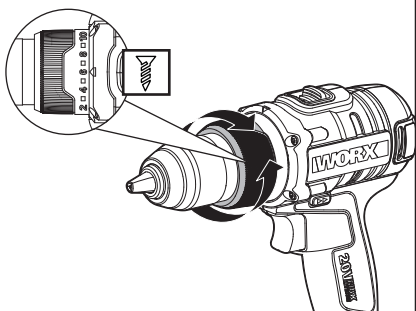




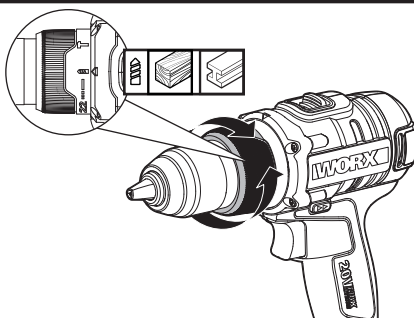


D3**E****F1**

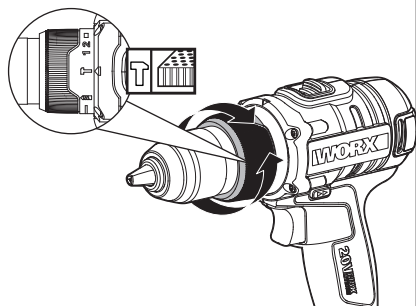
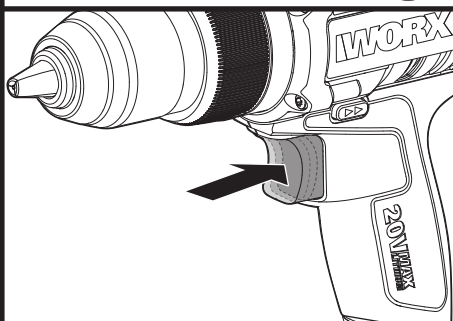
WX175 : 1~18
WX373 : 1~22

**F2**

WX175
WX373

**F3**

WX373

**G**

1. CHUCK
2. TORQUE ADJUSTMENT RING
3. TWO-SPEED GEAR CONTROL
4. FORWARD/REVERSE ROTATION CONTROL
5. SOFT GRIP HANDLE
6. BATTERY PACK *
7. BELT HOOK
8. BATTERY PACK RELEASE BUTTON
9. SIGHT LIGHT
10. ON/OFF SWITCH
11. BIT CLIP
12. BATTERY CAPACITY INDICATOR


TECHNICAL DATA

Type **WX175 WX175.1** (1 - designation of machinery, representative of Battery-powered Drill)
WX373 WX373.1 WX373.2 (3- designation of machinery, representative of Hammer Drill)

	WX175	WX175.1	WX373	WX373.2	WX373.1
Charger voltage	100-240V ~50/60Hz				
Rated voltage	20V \equiv Max**				
No load speed	0-600/0-2000/min				
Impact rate	/		0-9600/0-32000BPM		
Number of clutch position	18+1		22+1+1		
Max torque	60N.m				
Chuck capacity	13mm				
Max. drilling capacity	Steel	13mm			
	Wood	40mm			
	Brickwork	/		16mm	
	Concrete	/		13mm	
Machine weight	1.55kg	1.83kg	1.58kg		1.85kg

**** Voltage measured without workload. Initial battery voltage reaches maximum of 20 volts. Nominal voltage is 18 volts.**

NOISE INFORMATION


A weighted sound pressure	L_{pA} : 72dB(A)
A weighted sound power	L_{WA} : 83dB(A)
K_{PA} & K_{WA}	3.0dB(A)
Wear ear protection when sound pressure is over	80dB(A) 

VIBRATION INFORMATION

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

Drilling into metal	Vibration emission value $a_h = 8.43m/s^2$
	Uncertainty $K = 1.5m/s^2$

The declared vibration total value may be used for comparing one tool with another, and may also be used in a preliminary assessment of exposure.

 **WARNING:** The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used dependant on the following examples and other variations on how the tool is used:

How the tool is used and the materials being cut or drilled.


The tool being in good condition and well maintained

The use the correct accessory for the tool and ensuring it is sharp and in good condition.

The tightness of the grip on the handles and if any anti vibration accessories are used.

And the tool is being used as intended by its design and these instructions.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed.

 **WARNING:** To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Helping to minimize your vibration exposure risk.

ALWAYS use sharp chisels, drills and blades.

Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate).

If the tool is to be used regularly then invest in anti vibration accessories.

Avoid using tools in temperatures of 10°C or less.

Plan your work schedule to spread any high vibration tool use across a number of days.

ACCESSORIES

	WX175	WX175.1	WX373	WX373.1	WX373.2
16V/20V 2.0A charger(WA3860)	1	1	1	1	1
4.0Ah Li-Ion Battery Pack(WA3553)	/	1	/	1	/
2.0Ah Li-Ion Battery Pack (WA3551)	2	/	2	/	/
1.5Ah Li-Ion Battery Pack (WA3550.1)	/	/	/	/	2
Double Ended Bit(PH2/SL5.5)	1	1	1	1	1
BMC	1	1	1	1	1
Hook	1	1	1	1	1
Bit clip	1	1	1	1	1

*** Not all the accessories illustrated or described are included in standard delivery.**

We recommend that you purchase your accessories from the same store that sold you the tool. Use good quality accessories marked with a well-known brand name. Choose the type according to the work you intend to undertake. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

DRILL SAFETY WARNINGS













- 1. Wear ear protectors when impact drilling.** Exposure to noise can cause hearing loss.
- 2. Use auxiliary handle(s), if supplied with the tool.** Loss of control can cause personal injury.
- 3. 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.







SAFETY WARNINGS FOR BATTERY PACK

- a) Do not dismantle, open or shred cells or battery pack.**
- b) Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.** 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.
- c) Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.**
- d) Do not subject battery pack to mechanical shock.**
- e) In the event of battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.**
- f) Seek medical advice immediately if a cell or battery pack has been swallowed.**
- g) Keep battery pack clean and dry.**
- h) Wipe the battery pack terminals with a**

- clean dry cloth if they become dirty.**
- i) Battery pack needs to be charged before use. Always refer to this instruction and use the correct charging procedure.**
- j) Do not maintain battery pack on charge when not in use.**
- k) After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.**
- l) Battery pack gives its best performance when it is operated at normal room temperature (20°C ± 5°C).**
- m) When disposing of battery packs, keep battery packs of different electrochemical systems separate from each other.**
- n) Recharge only with the charger specified by WORX. Do not use any charger other than that specifically provided for use with the equipment.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- o) Do not use any battery pack which is not designed for use with the equipment.**
- p) Keep battery pack out of the reach of children.**
- q) Retain the original product literature for future reference.**
- r) Remove the battery from the equipment when not in use.**
- s) Dispose of properly.**

SYMBOLS

	WARNING–To reduce the risk of injury, user must read instruction manual
	Warning
	Wear ear protection
	Wear eye protection
	Wear dust mask
	Wear protective gloves
	Do not expose to rain or water.
	Do not burn
 Li-Ion  Li-Ion	Do not dispose of batteries, Return exhausted batteries to your local collection or recycling point.
	Hammer drilling
	Screwdriving

	Drilling
	Wood
	Metal
	Brick
	High speed
	Low speed

OPERATING INSTRUCTIONS



NOTE: Before using the tool, read the instruction book carefully.



INTENDED USE (FOR WX175 WX175.1)

The machine is intended for driving in and loosening screws as well as for drilling in wood, metal and plastic.


INTENDED USE (FOR WX373 WX373.1 WX373.2)

The machine is intended for impact drilling in brick, concrete and stone as well as for drilling in wood, metal and plastic. Machines with electronic control and right/left rotation are also suitable for thread-cutting.

ASSEMBLY AND OPERATION

ACTION	FIGURE
BEFORE OPERATION	
Checking the battery charge condition	See Fig. A1
Removing the battery pack	See Fig. A2
Charging the battery	See Fig. A3
Installing the battery pack	See Fig. A4
ASSEMBLY	
CHUCK ADJUSTMENT	
 WARNING: Always lock off trigger switch and disconnect tool from power source when changing accessories. Always ensure the bit is secure before starting the tool. Damage to the Chuck or a loose bit may cause possible personal injury.	
-- Removing the bits	See Fig. B1
-- Inserting the bits	See Fig. B2
Assembling the belt hook and bit clip	See Fig. C1, C2, C3, C4
OPERATION	
FORWARD/REVERSE ROTATION CONTROL	
 WARNING: Never change the direction of rotation when the chuck is rotating, wait until it has stopped!	
TWO-SPEED GEAR CONTROL	
See Fig. E	
TORQUE ADJUSTMENT SCREWDRIVING, DRILLING, HAMMER DRILLING	
See Fig. F1, F2, F3	

OPERATING THE ON/OFF SWITCH

 **WARNING:** Do not operate for long periods at low speed because excess heat will be produced internally.


See Fig. G

LED LIGHT INDICATOR (See Fig. G)

Before operation, the LED light will be activated when the On/Off switch is slightly depressed, and will automatically turn off 20 seconds after the On/Off switch is released.

The tool and battery are equipped with a protection system. When the LED Light is quickly flashing 3 seconds and turn off, the system will automatically cut off power to the tool to extend battery life. The tool will automatically stop during operation if the tool and/or battery are placed under one of the following conditions:

- **Overloaded:** The tool is operated in a manner that causes it to draw an abnormally high current. In this situation, release the Trigger Switch on the tool and stop the application that caused the tool to become overloaded. Then pull the Trigger Switch again to restart.
- **Overheated:** Under the condition above, if the tool does not start, the Tool and Battery are overheated. In this situation, let the Tool and Battery cool before pulling the Trigger Switch again.
- **Low battery voltage:** The remaining Battery capacity is too low and the tool will not operate. In this situation, remove and recharge the Battery.



 **WARNING:** To turn on the light, press the On/Off switch and make sure the Forward/Reverse Rotation Control is on right/left position.

PROBLEM SOLUTION

1. WHY DOES THE DRILL NOT TURN ON WHEN YOU PRESS THE SWITCH?

The Forward and Reverse Switch, which is on top of the trigger, is positioned in the lock function. Unlock the Forward and Reverse Switch putting it into the required rotation position. Push the trigger and the drill will start to rotate (See Fig. B).

2. THE DRILL STOPS BEFORE THE SCREW IS COMPLETELY TIGHTENED. WHY?

Verify the torque position of the Torque Adjustment Ring, you can find the Torque Adjustment Ring between the Chuck and the drill body. Position 1 is the lowest torque (screw driving force) and position 22 is the highest torque (screw driving force). Position  is for drill operation. Position  is for hammer drill operation. Regulate the Torque Adjustment Ring to a higher position to reach the best result (See Fig. E).

3. I CAN NOT FIT THE BATTERY INTO THE BATTERY CHARGER. WHY?

The battery can be inserted into the charger only in one direction. Turn the battery around until it can be inserted into the slot, the red LED Light should turn on when the battery is charging.

4. REASONS FOR DIFFERENT BATTERY PACK WORKING TIMES

Charging time problems, as above, and having not used a Battery Pack for a prolonged time will reduce the Battery Pack working time. This can be corrected after several charge and discharge operations by charging & working with your drill. Heavy working conditions such as large screws into hard wood will use up the Battery Pack energy faster than lighter working conditions. Do not re-charge your Battery Pack below 0°C and above 30°C as this will affect performance.

MAINTENANCE

Remove the Battery Pack from the tool before carrying out any adjustment, servicing or maintenance.

Your power tool requires no additional lubrication or maintenance.

There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

We recommend that you purchase your accessories listed in the above list from the same store that sold you the tool. Use good quality accessories marked with a well-known brand name. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

ENVIRONMENTAL PROTECTION



Waste electrical products must not be disposed of with household waste.



Please recycle where facilities exist.

Check with your local authorities or retailer for recycling advice.

DECLARATION OF CONFORMITY

We,
POSITEC Germany GmbH
Konrad-Adenauer-Ufer 37
50668 Köln

Declare that the product,
Description **WORX Battery-powered Drill**
Type **WX175 WX175.1 (1 - designation of machinery, representative of Battery-powered Drill)**
WX373 WX373.1 WX373.2 (3- designation of machinery, representative of Hammer Drill)
Function **Drilling**

Complies with the following Directives,
2006/42/EC
2004/108/EC
2011/65/EU

Standards conform to:

EN 55014-1
EN 55014-2
EN 60745-1
EN 60745-2-1
EN 60745-2-2

The person authorized to compile the technical file,

Name: Russell Nicholson
Address: Positec Power Tools (Europe) Ltd, PO Box 152, Leeds, LS10 9DS, UK

Suzhou 2015/01/22
Allen Ding
Deputy Chief Engineer, Testing & Certification



www.worx.com

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