WORX®

SAFETY AND OPERATING MANUAL

3.6V LithiumDrive™

WX251

GENERAL SAFETY RULES

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.

1) Work area safety

a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.

b) 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.

c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2) Electrical safety

a) 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.

b) 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.

c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

d) 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.

e) 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.

f) Recommendation for the use of a residual current device with a rated residual current of 30 mA or

less.

3) Personal safety

a) 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.

b) 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.

c) 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.

d) 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.

e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f) 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.

g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust-related hazards.

4) Power tool use and care

a) 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.

b) 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.

c) 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.

d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

e) **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions and in the manner intended for the particular type of power tool, 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.

5) Battery tool use and care

a) **Ensure the switch is in the off position before inserting battery pack.** Inserting the battery pack into power tools that have the switch on invites accidents.
b) **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack.
c) **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
d) **When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screw, or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or fire.
e) **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.

6) Service

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

ADDITIONAL SAFETY INSTRUCTIONS FOR YOUR SCREWDRIVER

1. Battery leakage may occur under extreme usage or temperature conditions. If battery fluid comes into contact with skin, wash with soap and water and rinse with lemon juice and vinegar. If the fluid comes into contact with the eyes, flush with water for several minutes and contact a doctor immediately.
2. Never burn batteries, they can explode in a fire.
3. Do not charge a leaking battery.
4. Use of an attachment and charger not recommended or sold by the screwdriver manufacturer may result in a risk of fire, electric shock, or injury to persons.
5. Before screwing into a wall, in case of doubt check with a metal-/voltage detector that you are not breaking into an electricity, gas or water supply lines.
6. Before you lay down the Screwdriver, make sure that all moving parts have come to a stop.
7. Avoid frequent stalling when screwing or drilling, as this could damage the batteries.
8. Only connect the charging device to an AC supply.
9. Charge Screwdriver battery only with the appropriate charging device.
10. The charging device and the Screwdriver must be protected from moisture!
11. Do not use the charging device outdoors.
12. Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 39°C. (Such as outside sheds or metal building in summer).
13. Always charge the battery pack between temperatures 2°C to 35°C. Ideal charging temperature is 18°C to 29°C.
14. Do not short out the contacts of battery or charger.
15. Respect the polarity “+/-“ when charging.
16. This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely.
    -Young children should be supervised to ensure that they do not play with the appliance.

SYMBOLS

To reduce the risk of injury, user must read instruction manual

Warning

Use inside only

No not expose to rain or water

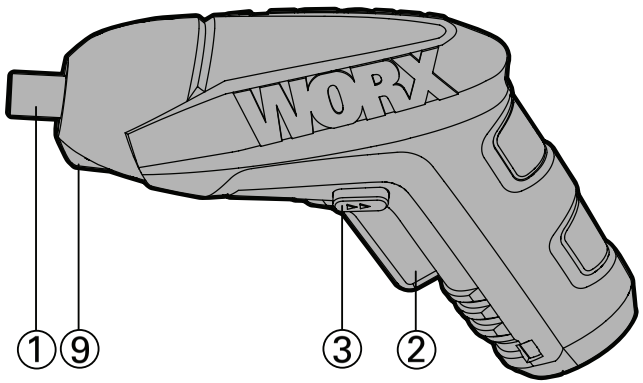
Do not burn

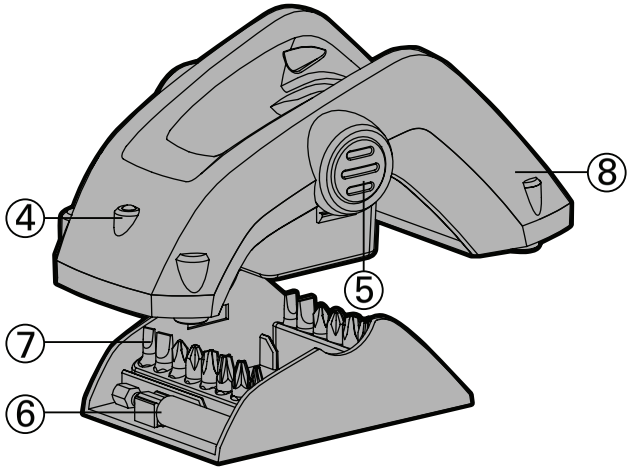
Li

Do not dispose of batteries, Return exhausted batteries to your local collection or recycling point

5112

RCM approval mark





1. **CHUCK**
2. **ON / OFF SWITCH**
3. **FORWARD/REVERSE SWITCH**
4. **CHARGING INDICATOR**
5. **BIT RELEASE BUTTON**
6. **BITS HOLDER**
7. **BITS**
8. **BATTERY CHARGING UNIT**
9. **SIGHT LIGHT**

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

TECHNICAL DATA

Charger voltage	220 V-240 V~50 Hz/60 Hz
Battery voltage	3.6 V ⎓
Power supply	3.6V Lithium battery
Battery capacity	1000 mAh Lithium battery
No-load speed	200 /min
Maximum torque	3 N.m
Normal charging time	3 ~ 5 hours
Weight	0.3 kg

NOISE AND VIBRATION DATA

A weighted sound pressure	64 dB (A)
A weighted sound power	75 dB (A)
Wear ear protection when sound pressure is over	85 dB (A) 
Typical weighted vibration	0.21 m/s^2

ACCESSORIES

3-5h charger	**1 pc**
Screwdriver bits	**17 pcs**
Flat: 3,4,5,6mm	**4 pcs**
Cross: PZ0,PZ1,PZ2.PZ3	**4 pcs**
Phillips: PH0,PH1,PH2,PH3	**4 pcs**
Square: S1,S2	**2 pcs**
Torx: T10, T15	**2 pcs**
50mm screwdriver bit: PH2	**1 pc**
Magnetic bit holder	**1 pc**

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.

OPERATING INSTRUCTIONS

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

1. Recharging batteries

a) Charging the battery

The battery charger supplied is matched to the Li-ion battery installed in the machine. Do not use another battery charger.
The Li-ion battery is protected against deep discharging. When the battery is empty, the machine is switched off by means of a protective circuit: The tool holder no longer rotates.
In a warm environment or after heavy use, the battery may become too hot to permit charging. Allow time for the battery to cool down before recharging.
When the battery is charged for the first time and after prolonged storage, the battery will only accept approximately 60% charge. However, after several charge and discharge cycles the battery will accept a 100% charge.

b) Important notes for charging the battery

The battery in your new Screwdriver is not charged when it leaves the plant. Therefore it must be charged for 3~5 hours before using the first time!

c) Charging (See Fig A)

Plug the charger plug into a suitable power outlet, the indicator won't illuminate. Next place the screwdriver onto the battery charger, the indicator (Red) will illuminate during charging.
Let the battery charge for 3~5 hours. The battery is fully charged as soon as the indicator is no longer lit. Then unplug the charging

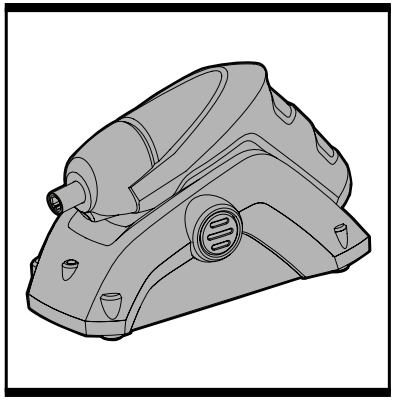


Fig A

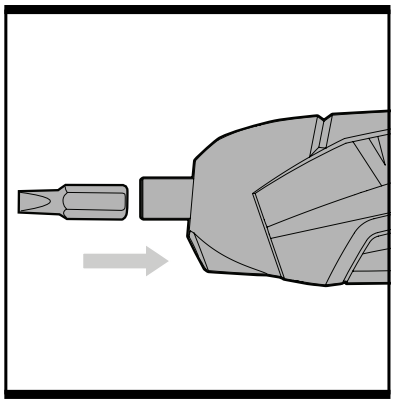


Fig B

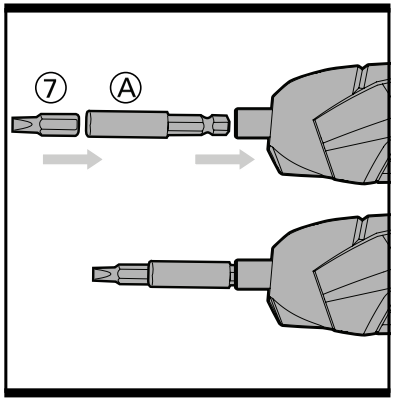


Fig C

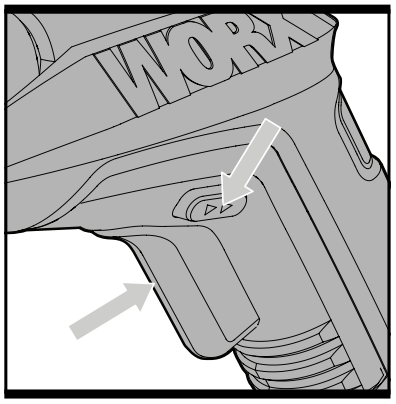


Fig D

plug from the socket and remove the screwdriver from charger, the screwdriver is ready to use.
Important: When charging, the charger and screwdriver may become warm to the touch, this is normal and does not indicate a problem.

2. Operating Instructions

Inspect the screwdriver before using to ensure all parts are running smoothly and there are no abnormal sounds or sparks. Before driving fasteners, check behind walls for wire, other electrical hazards or plumbing.

3. Fitting and removing bits (See Fig B)

To use any one of the short bits supplied, insert the bit into the chuck (1). To remove the bit, simply pull it out of the chuck (1).

4. How use the connecting bit holder (A) (See Fig C)

To use the connecting bit holder, insert the bit (7) into it and then into the chuck (1).

5. Forward/reverse switch (See Fig D)

For drilling and screw driving use forward rotation marked "◄◄ " (lever is moved to the left). Only use reverse rotation marked "►►" (lever is moved to the right) to remove screws or release a jammed drill bit.

Warning:
Never change the direction of rotation when the chuck is rotating, wait until it has stopped !

6. Fully automatic spindle locking (Auto-lock)

The screwdriver chuck (1) is locked when the on/off switch (2) is not pressed.
This enables screws to be screwed in, even when the battery is empty and allows for the machine to be used as a manual screwdriver.
Important: When using as a manual tool, do not press the On/Off switch (2). Otherwise the screwdriver can be damaged.

7. Using the sight light (B) (See Fig E)

The sight light allows you to keep a clear view under less illuminated circumstances. To turn on the light simply press the on/off switch. When you release the on/off switch, the light will go out.

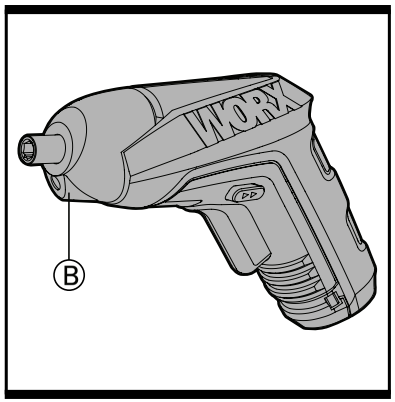


Fig E

MAINTENANCE

Your power tool requires no additional lubrication or maintenance. There is 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. If you see some sparks flashing in the ventilation slots, this is normal and will not damage your power tool.
If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.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you've got the power