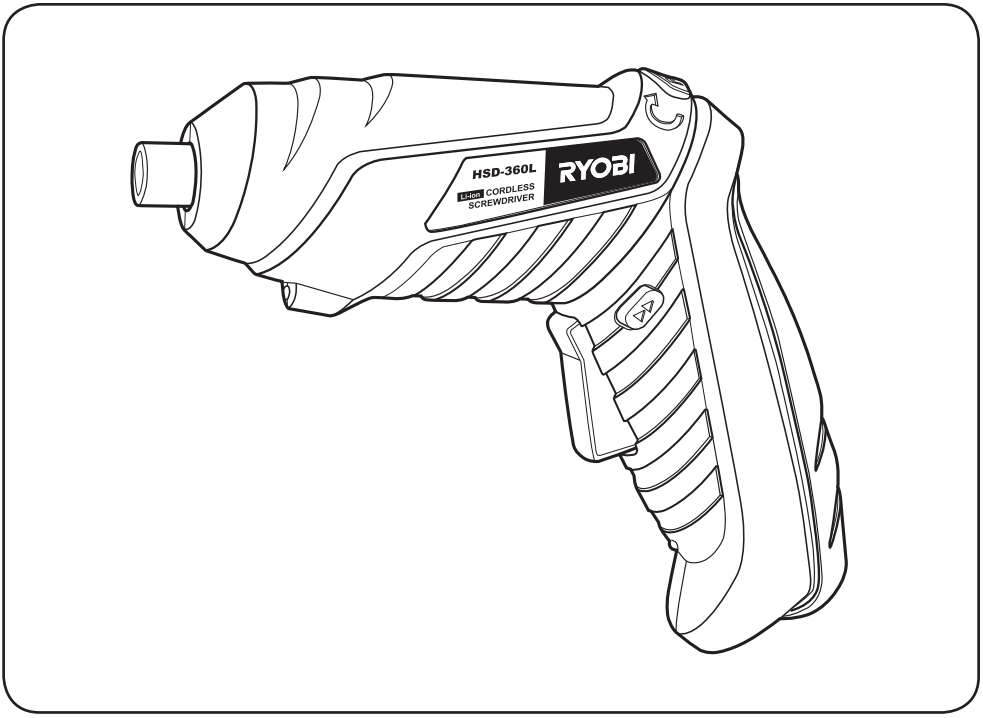
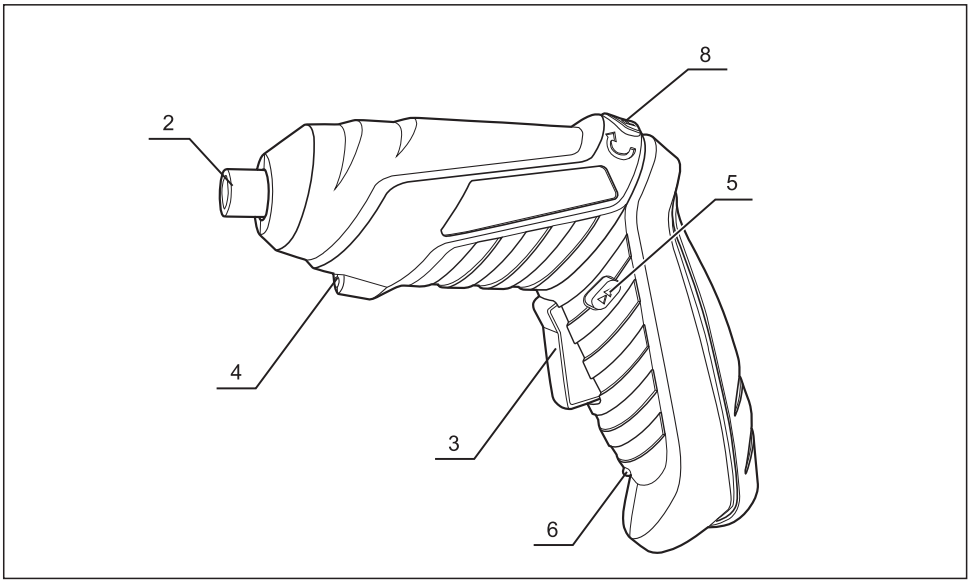
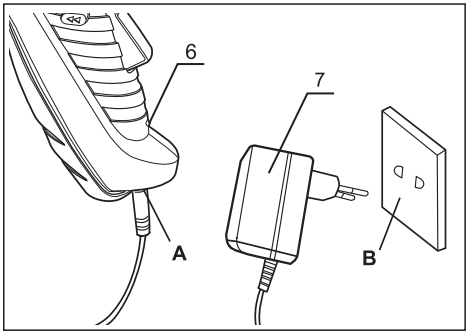
RYOBI®

HSD-360L

GB OWNER'S OPERATING MANUAL







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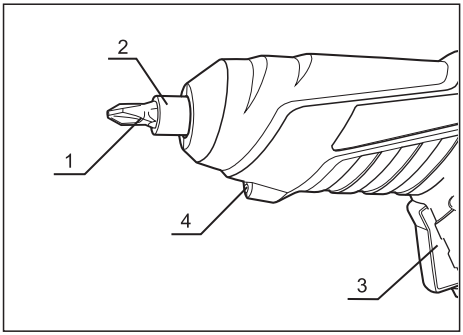

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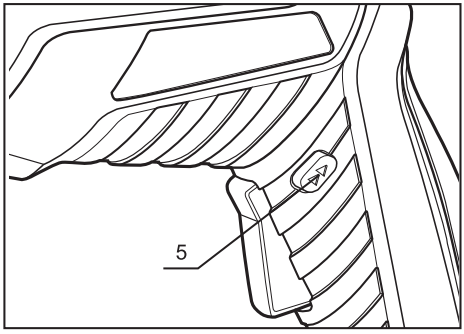

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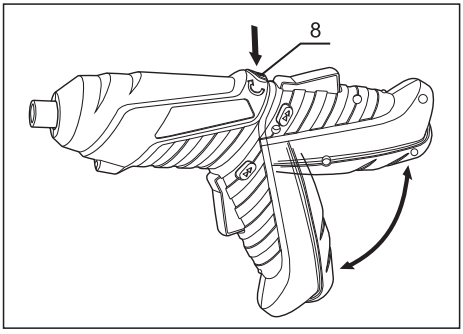

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(PL21)

THANK YOU FOR BUYING OUR PRODUCT.

To ensure your safety and satisfaction, carefully read through this OWNER'S MANUAL before using the product.

General Safety Rules

WARNING! Read all instructions Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term "power tool" in all of the warnings listed below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

SAVE THESE INSTRUCTIONS

1) **Work area**
- **a) Keep work area clean and well lit**. Cluttered and 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.

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 safety equipment. Always wear eye protection.** Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **c) Avoid accidental starting. Ensure the switch is in the off-position before plugging in.** Carrying power tools with your finger on the switch or plugging in 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 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 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 may create a risk of fire when used with another 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, keys, nails, screws, or other metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a 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 the safety of the power tool is maintained.

DESCRIPTION

1. Driver bit
2. Hexagonal collet
3. Switch trigger
4. LED work light
5. Reversing switch
6. Charging indicator
7. Charger
8. Handle lock button

INSTRUCTIONS FOR SAFE HANDLING

1. Make sure that the tool is only connected to the voltage marked on the name plate.
2. Never use the tool if its cover or any bolts are missing. If the cover or bolts have been removed, replace them prior to use. Maintain all parts in good working order.

3. Always secure tools when working in elevated positions.
4. Never touch the blade, drill bit, grinding wheel or other moving parts during use.
5. Never start a tool when its rotating component is in contact with the workpiece.
6. Never lay a tool down before its moving parts have come to a complete stop.
7. **ACCESSORIES :** The use of accessories or attachments other than those recommended in these instructions might present a hazard.
8. **REPLACEMENT PARTS :** When servicing use only identical replacement parts.

SPECIFIC SAFETY RULES FOR 3.6V LI-ION SCREWDRIVER

1. Be aware that since this tool does not have to be plugged into an electrical outlet, it is always in operating condition.
2. First, charge the battery.
3. Be sure the battery holder is securely snapped in place.
4. When not in use, lock the trigger.
5. When operating at high places, be aware of things below you.

SPECIFICATIONS

Battery.....3.6V Li-ion, 1300mAh
Charging Time.....3-5hrs
Max. torque 3.5Nm
No load speed..... 180min^{-1}
Chuck type..... 6.35mm Hex
Net weight..... 0.3kg

STANDARD ACCESSORIES

Driver bit (4pcs), Bit case, Charger

APPLICATIONS

(Use only for the purposes listed below.)
The machine is intended to drive in and loosen screws.

CHARGING BATTERIES (Fig.1)

The charger and tools in this pack are specifically designed to work together. Do not attempt to use the tools with any other charger other than the charger supplied with these products.
In a warm environment or after heavy use, the battery may become too hot. For prolonging the battery life, 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.

1. Insert the electric plug of the charger into 230V wall outlet (B).
2. Plug the charger output jack (A) into the charging socket on the tool firmly, and the charging indicator (4) will illuminate. Allow 3 to 5 hours for the battery to become fully charged.
3. When the charging is complete, remove the charger jack from the charging socket, and also disconnect the charger from wall outlet.

NOTE: It is normal for the handle of the tool and the charger to warm up slightly during the charging.

WARNING!

1. The charger will not automatically switch off and the (red) indicator will remain on when the battery is fully charged. Do not leave the battery on charge continuously. This may damage the battery cells.

OPERATION

MOUNTING DRIVER BIT (Fig.2)

Insert the driver bit (1) directly into the hexagonal collet (2).

TRIGGER (Fig.2)

This tool is started and stopped by pulling and releasing the switch trigger (3).
This tool is equipped with a LED work light (4) to illuminate work area.
LED work light is lit by pulling the trigger.

CHANGING ROTATIONAL DIRECTION (Fig. 3)

The reversing switch (5) changes the rotational direction of the machine. However, this is not possible if the switch trigger is being pulled.

Right Rotation

Push the reversing switch to the left as it will go (for screwing in screws).

Left Rotation

Push the reversing switch to the right as it will go (loosening or unscrewing screws).

CHANGING HANDLE POSITION (Fig. 4)

This tool has 2-position twist handle mechanism to suit the most suitable gripping style of jobs.
To change the position, twist the handle to either pistol or straight until it click while the handle lock button (8) is being pressed.

OVERLOAD PROTECTION

This tool is equipped with the overload protection circuit to avoid causing the damage to the tool and the battery. When being loaded over 3.5N.m torque, the tool stops even if the trigger is pulled.

MAINTENANCE

After use, check the tool to make sure that it is in top condition. It is recommended that you take this tool to an Authorized Service Center for a thorough cleaning and lubrication at least once a year.

DO NOT MAKE ANY ADJUSTMENTS WHILE THE MOTOR IS IN MOTION.

ALWAYS REMOVE THE BATTERY FROM THE TOOL BEFORE CHANGING REMOVABLE OR EXPENDABLE PARTS (BIT...ETC.), LUBRICATING OR WORKING ON THE UNIT.

WARNING!
To ensure safety and reliability, all repairs should be performed by an AUTHORIZED SERVICE CENTER or other QUALIFIED SERVICE ORGANIZATION.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

Read all instructions.