

# 9.6V Rotary Tool Kit

Model: S1J-AJ10-10



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.

# SAFETY & OPERATING INSTRUCTIONS

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Please retain these instructions for future use and referral.

READ THESE INSTRUCTIONS IN FULL BEFORE ATTEMPTING TO USE THE ROTARY TOOL KIT.

## Safety

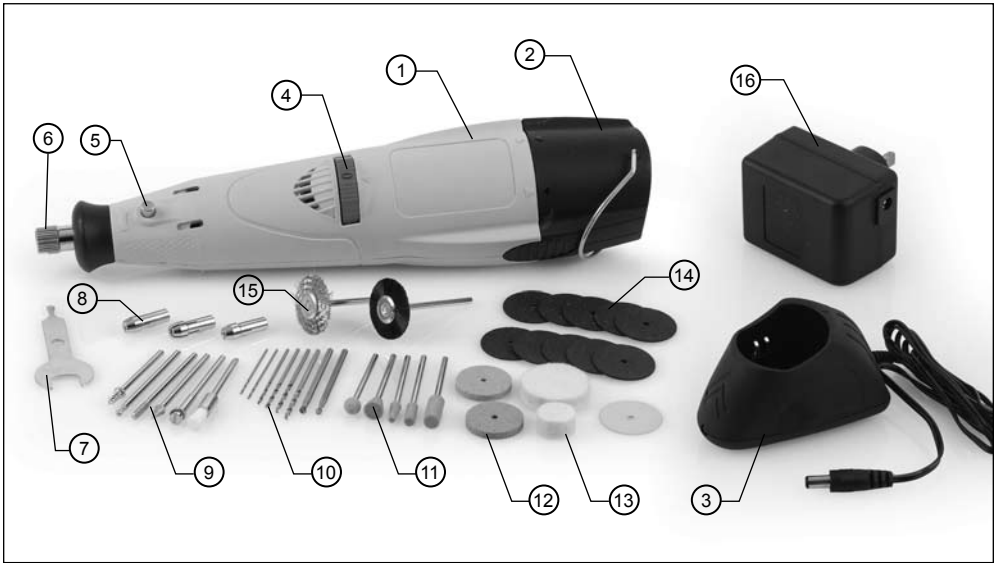
This equipment is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the machine by a person responsible for their safety. Children should be supervised to ensure that they do not play with this equipment.

- 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 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.
- 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.
- 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 these devices can reduce dust related hazards.
- **Keep work area clean and well lit.** Cluttered and 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.

## 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 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 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 tools 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 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.

# COMPONENTS



- |                                       |                              |
|---------------------------------------|------------------------------|
| 1. Rotary tool                        | 9. Attachment spindles       |
| 2. Battery pack                       | 10. Drill set                |
| 3. Charger base                       | 11. Mounted grinding wheels  |
| 4. ON/OFF rotary speed control switch | 12. Grinding wheels          |
| 5. Spindle lock button                | 13. Polishing wheels         |
| 6. Spindle clamp                      | 14. Grinding disks           |
| 7. Locking spanner                    | 15. Mounted brushes          |
| 8. Set of collets                     | 16. Charging adaptor: 12V ac |

## Technical Specifications

### Rotary Drill

Model: S1J-AJ10-10  
Voltage: 9.6V dc  
No Load speed: 2500 to 5000 / min

### Mains Charger

Voltage: 220 – 240 Vac  
Hertz: 50 Hz  
Output: 12V dc  
Class: II

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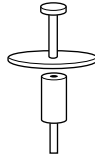
## Assembly of accessories

- Remove the spindle clamp (6) by pressing down on the spindle lock (5) and unscrewing the spindle clamp. If the spindle clamp is locked ON it will be necessary to use the locking spanner (7).
- Insert a suitable sized collet (8) for the attachment to be used and replace the spindle clamp.
- Place the attachment within the collet and lock down the spindle clamp (6) with the locking spanner (7)

### Note:

- Always insert the accessory into the collet as far as possible to minimize run out and unbalance.

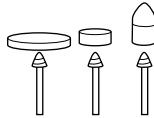
Grinding wheel assembly (item 12 or 14) with the appropriate spindle (9).



Place a fibre washer either side of the grinding wheel/disk for correct assembly.

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Polishing wheel assembly (item 13) with the appropriate spindle (9).



Screw the spindle (9) into the polishing wheel (13).

**Note:** There is a central pin hole on the polishing wheel to locate the spindle into.

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## Operation

Switch 'ON' the unit by turning the rotary speed control (4). The speed can be regulated as required. Do not put the unit down when the motor is still running.

**Note:** High loading at low speeds can reduce the life of the motor.

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## **Battery Charging**

- Remove the battery from the unit by pressing both sides of the battery to release the catches
- Place the battery into the charger base (3)
- Insert the charger base lead into the charging adaptor (16)
- Insert the charging adaptor (16) into a mains outlet. The red LED on the charging base will illuminate indicating charging is in progress.

## **Maintenance**

This unit has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon care and regular cleaning.

## **Cleaning**

Keep the ventilation slots of the unit clean to prevent overheating of the motor. Regularly clean the housing with a soft cloth, preferably after each use. Keep the ventilation slots free from dust and dirt. If heavier cleaning is required use a soft cloth moistened with soapy water. Never use solvents such as petrol, alcohol, ammonia water, etc., as these solvents may damage the plastic parts.

## **Lubrication**

This unit requires no additional lubrication.

## **Special safety instructions**

When you put the unit away the motor must be switched off and moving parts must have reached a standstill.

Never use the axle locking button if the unit is operating.

Make sure that the spring chuck diameter is the same as the axle diameter of the accessory.

Use a clamping device for securing the work piece.

Keep your hands away from the work piece.

*If faults cannot be remedied, contact the **Helpline** on **020 8391 6767***

**[Helpline@hilka.co.uk](mailto:Helpline@hilka.co.uk)**

**GUARANTEE**

This product is guaranteed for domestic use for a period of 12 months against faulty manufacture or materials. This guarantee does not affect the statutory rights of the consumer. In the event of any problem occurring please contact our Helpline at the number above for advice. This product is not guaranteed for **HIRE** purposes.

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