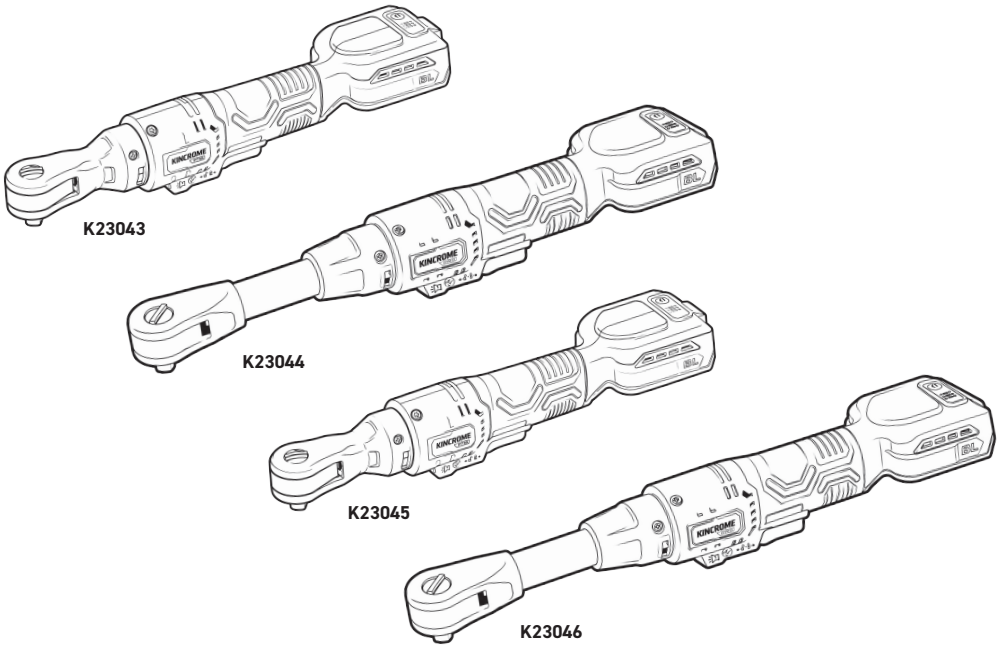
KINCROME PT18

# 18V Brushless Ratchet




**K23043 -** 18V Brushless Ratchet 3/8"
**K23044 -** 18V Brushless Extended Ratchet 3/8"
**K23045 -** 18V Brushless Ratchet 1/2"
**K23046 -** 18V Brushless Extended Ratchet 1/2"

ED1 MAY 2026

**WARNING!: Do not allow persons to operate or assemble the Brushless Ratchet until they have read these instruction and developed a thorough understanding on how a Ratchet works**

# 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.*

**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) **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.*

**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 driver before turning the power tool on.** *A driver 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 dust collection can reduce dust-related hazards.*

h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*

**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 tool's 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, 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.*

h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

**5) Battery tool use and care**

a) **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.*

b) **Use power tools only with specifically designated battery packs.** *Use of any other battery packs may create a risk of injury and fire.*

c) **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.*

**d)** **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.*

## Additional Safety Instructions Ratchet

**WARNING!** *Wear ear protectors when Impact drilling Exposure to noise can cause hearing loss.*

**a)** **Hold power tool by insulated griping surfaces, when performing an operation the cutting accessory may contact hidden wiring or its own cord.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

**b)** Hold the power tool securely. When tightening and loosening bolts, nuts or screws be prepared for temporarily high torque reactions.

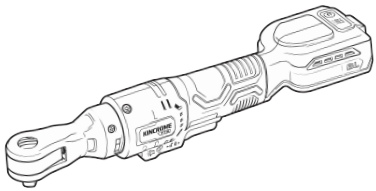
## Symbols

**The rating plate on your tool may show symbols. These represent important information about the product or instructions on its use.**

| | | | |
|---|---|---|---|
| VDC | Voltage direct current, DC | | 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. |
| | Refer to instruction manual/booklet | | |
| | Wear ear protection | | General warning |
| | Wear eye protection | | Regulator compliance mark |
| no. | No load speed | RPM/min$^{-1}$ | Revolutions per minute |
| " | Inches symbol | | |

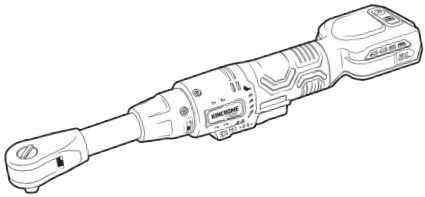
# Specifications

## K23043



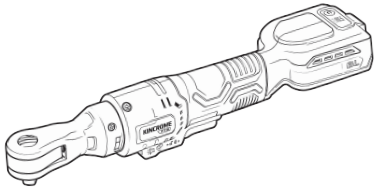
| | |
|---|---|
| **Voltage** | 18VDC |
| **No load speed** | 0-150/190/250 $min^{-1}$ |
| **Anvil type** | Square with detent ball |
| **Anvil size** | 3/8" |
| **Maximum torque** | 85Nm |
| **Weight (no battery)** | 1.4kg |

## K23044



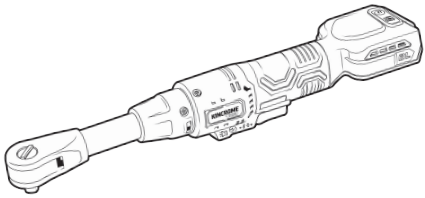
| | |
|---|---|
| **Voltage** | 18VDC |
| **No load speed** | 0-150/190/250 $min^{-1}$ |
| **Anvil type** | Square with detent ball |
| **Anvil size** | 3/8" |
| **Maximum torque** | 85Nm |
| **Weight (no battery)** | 1.8kg |

## K23045



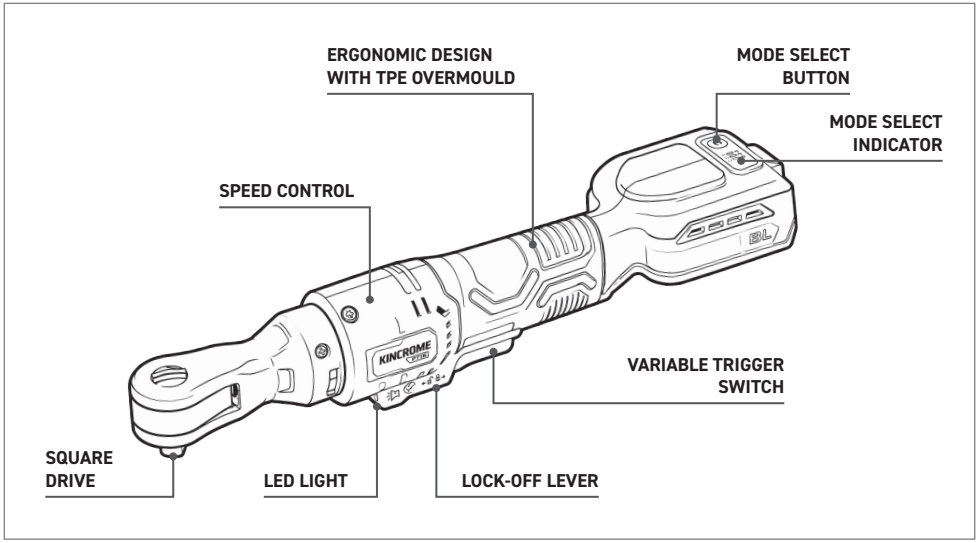
| | |
|---|---|
| **Voltage** | 18VDC |
| **No load speed** | 0-150/190/250 $min^{-1}$ |
| **Anvil type** | Square with detent ball |
| **Anvil size** | 1/2" |
| **Maximum torque** | 85Nm |
| **Weight (no battery)** | 1.4kg |

## K23046

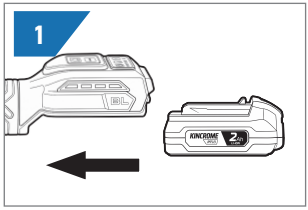


| | |
|---|---|
| **Voltage** | 18VDC |
| **No load speed** | 0-150/190/250 $min^{-1}$ |
| **Anvil type** | Square with detent ball |
| **Anvil size** | 1/2" |
| **Maximum torque** | 85Nm |
| **Weight (no battery)** | 1.8kg |

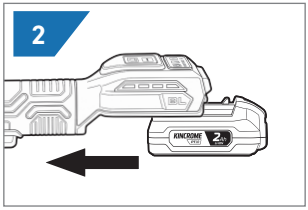
## Know Your Product



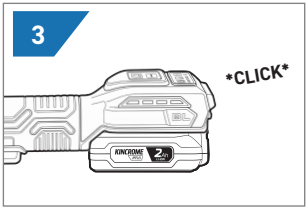

## How To Insert Battery On Tool




1. ALIGN BATTERY RIBS WITH TOOL.



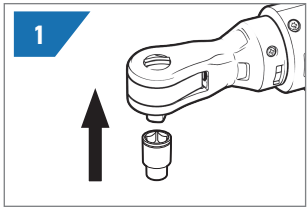

2. SLIDE INTO TOOL.



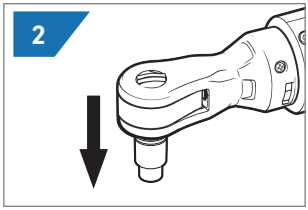

3. STOP WHEN YOU HEAR IT CLICK IN PLACE.

## How To Insert Socket

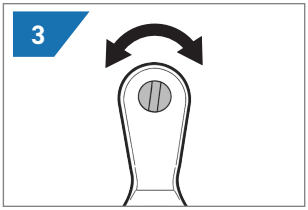
**WARNING:** Always ensure the tool has completely stopped and the battery is removed prior to any changing of accessories or maintenance.
**WARNING:** Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.




**FITTING ACCESSORIES**
1. Align an appropriate impact rated socket with the square drive anvil.
2. Push the socket onto the shaft until it clicks into place.




**REMOVING THE ACCESSORY**
To remove a socket or accessory, pull it directly away from the ratchet, off the square drive.




**SET THE DIRECTION OF ROTATION**
**Clockwise:** To tighten nuts/bolts
**Anticlockwise:** To loosen nuts/bolts

# Ratchet Basics

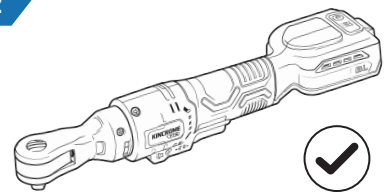
**WARNING:** Always ensure the tool has completely stopped and the battery is removed prior to any maintenance.
**WARNING:** Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

1

## ENSURE SAFETY

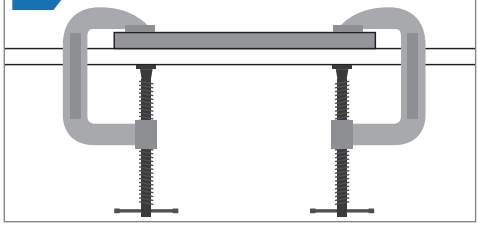
Always wear safety glasses when working with the ratchet. Make sure to secure your hair and any baggy clothes. In appropriate situations make sure you wear ear muffs, a mask or a respiratory mask.

2



## MAKE SURE YOU HAVE THE RIGHT ACCESSORY

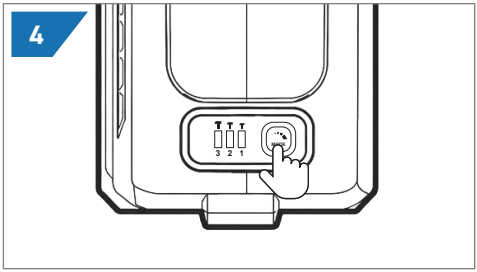
3



## SECURE WORKPIECE

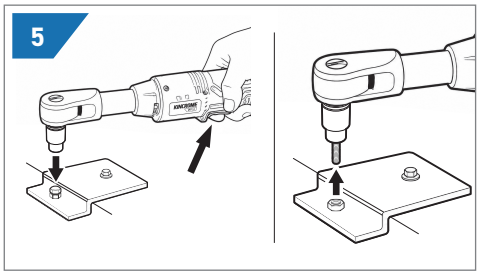
Make sure your workpiece is securely fastened to the surface to ensure no movement when polishing or sanding.

4




## SET THE SPEED

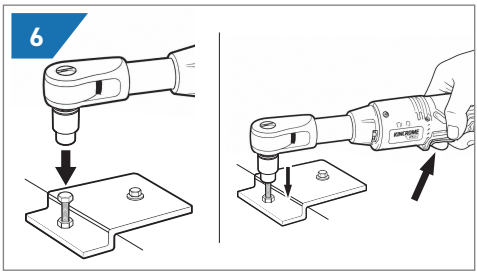
5



## LOOSING NUTS/BOLTS

Place the socket over the fastener. Use the 18V ratchet like a traditional manual ratchet, using your own muscle strength to break the initial resistance.
Once the bolt has cracked loose, pull the variable-speed trigger. Allow the 18V ratchet to spin the fastener the rest of the way off.

6



## TIGHTENING NUTS/BOLTS

*Caution: Always start the nut or bolt a few turns by hand to prevent cross-threading.*
*Fit the socket onto the fastener and pull the trigger. The motor will rapidly spin the bolt until the fastener bottoms out and the motor stalls.*

# Ratchet Features

The Kincrome Impact Driver has an internal battery protection device, this electronic control device ensures a long service life.

### 1. OVERLOAD PROTECTION

If the Impact Driver becomes overloaded, the motor will stop functioning and the LED light will flash 3 times. It is crucial to promptly alleviate the load on the tool by releasing the trigger. Once the load is relieved, you can restart the tool as usual. Please be aware that consistently overloading the tool may result in permanent damage to either the tool itself or the battery pack. Therefore, it is important to avoid prolonged overloading to ensure optimal performance and longevity.

### 2. TEMPERATURE OVERLOAD PROTECTION

In the event of excessive load or when the battery temperature exceeds the acceptable range, the electronic control device will shut off the tool. This safety feature is designed to protect the tool and prevent any potential damage. The tool will remain turned off until the temperature returns to the optimal range.'

### 3. PROTECTION AGAINST DEEP DISCHARGING

The Li-ion battery is equipped with protection against over-discharging. When the battery is depleted, the electronic control device shuts off, and the tool motor ceases operation.
To continue using the tool, remove and charge immediately to avoid any battery deterioration.
Please note that the indicated battery capacity may appear lower than the actual charge during use or directly after use.

### 4. TORQUE MODE SETTING

You have the option to adjust the torque in four distinct steps: 1 (Low) , 2 (Medium), and 3 (High) . This provides the flexibility to tighten according to the specific task at hand.
By pressing the button, you can cycle through the different torque levels, allowing you to easily switch between settings.
It is worth noting that you can modify the impact force within approximately a minute after releasing the trigger. This feature enables you to make prompt adjustments as needed for your work.

# Maintenance

This power tool normally requires no maintenance; from time to time the ventilation slots on the motor casing should be cleaned out. If the unit should become defective, repair should be performed by an authorized service agent for electric tools.
When cleaning plastic parts, it is advisable to refrain from using solvents. Many types of commercial solvents can potentially harm plastics and cause damage. Instead, opt for clean cloths to effectively eliminate dirt, dust, oil, grease and similar substances.

### TROUBLESHOOTING

### 1. LED LIGHT DOES NOT ILLUMINATE

a) Check the battery level indicator to ensure the battery is properly charged.

b) Check the battery is firmly connected to the Impact driver.

### 2. LED LIGHT FLASHES BUT PRODUCT DOES NOT WORK.

a) The overload protection has activated; Attempt to resolve the issue by removing the battery and re-inserting it.

b) The battery voltage is insufficient; Inspect the charge indicator. If there are 2 or fewer lights displayed, recharge the battery.

c) The temperature of either the battery or the tool has surpassed the recommended temperature rating. Allow both the tool and the battery to rest for 30 minutes.

### 3. THE TRIGGER IS LOCKED

Make sure that the forward/reverse actuator is in the correct position: push it from the left to undo and remove, or push it from the right for drilling and installation. If the button is between these two settings, the trigger will be locked.
If the driver is causing the screw head to strip, ensure that you start with a low torque setting and firmly hold the drill onto the screw head. Increase the torque setting as needed.
If the driver cuts out during use, it is possible that the battery charge is completely depleted. Place the battery on the charging cradle for 3-5 hours.
In case you notice sparking visible through the housing air vents, it is normal to see a small amount of sparking. This does not indicate any problem or malfunction.

## Spare Parts

For a full list of available spare parts for this item visit the Kincrome website www.kincrome.com.au or alternatively contact Kincrome Customer Service.


### OFFICE CONTACT DETAILS

Phone: 1300 657 528 Email: enquiries@kincrome.com.au Website: www.kincrome.com.au


22 PAP

### WARRANTY

5 YEAR WARRANTY

3 YEAR STANDARD
+2 FURTHER YEARS WHEN REGISTERED ONLINE

Our goods and services come with guarantees that cannot be excluded under the Australian Consumer Law. For major failures with the service, you are entitled: -to cancel your service contract with us; and -to a refund for the unused portion, or to compensation for its reduced value. You are also entitled to choose a refund or replacement for major failures with goods. If a failure with the goods or a service does not amount to a major failure, you are entitled to have the failure rectified in a reasonable time. If this is not done you are entitled to a refund for the goods and to cancel the contract for the service and obtain a refund of any unused portion. You are also entitled to be compensated for any other reasonably foreseeable loss or damage from a failure in the goods or service. Kincrome Australia Pty Ltd of 3 Lakeview Drive, Caribbean Park, Scoresby, Victoria (Tel 1300 657 528) also provides the Kincrome Limited Lifetime Guarantee, 5 Year Warranty, 5 Year (3+2) warranty, 3 Year Warranty, 2 Year Warranty and 12-Month Warranty (Kincrome Express Warranties) in respect of some of its products. If a product is covered by a Kincrome Express Warranty and it has materials or workmanship defects (other than defects caused by abnormal or non warranted use) which are covered under the terms of the relevant Kincrome Express Warranty, you can, at your cost, send the product to the above address for repair or replacement. Your rights under a Kincrome Express Warranty are in addition to any other rights you have under the Australian Consumer Law or other applicable laws. For further details and terms please check our product guide, visit www.kincrome.com.au or call us. Every effort is made to ensure advertised stock is available, but due to factors beyond the control of Kincrome Australia Pty. Ltd, not all products advertised in this catalogue may be available at all stores. Kincrome Australia Pty. Ltd. reserves the right to correct printing errors. All sizes shown are approximate only. Accessories shown do not come with the product unless otherwise specified. Due to printing process, colours in this catalogue may vary slightly to actual item. E. & O. E.© Copyright 2022. Reproduction in whole or in part is prohibited without written approval.