



# User Manual

## Contents

ALDI GUARANTEES THAT OUR EXCLUSIVE BRAND PRODUCTS ARE DEVELOPED TO OUR STRINGENT QUALITY SPECIFICATIONS. IF YOU ARE NOT ENTIRELY SATISFIED WITH THIS PRODUCT, PLEASE RETURN IT TO THE NEAREST ALDI STORE WITHIN 60 DAYS FROM THE DATE OF PURCHASE, FOR A FULL REFUND OR REPLACEMENT, OR TAKE ADVANTAGE OF OUR AFTER SALES SUPPORT BY CALLING THE SUPPLIER'S CUSTOMER SERVICE HOTLINE.



**Made in China**  
**FERREX® is a registered trademark of ALDI Stores**  
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**AFTER SALES SUPPORT**

835396

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MODELL:  
F-RTW12

07/2024

**5**

**YEAR**

**WARRANTY**

# FERREX®

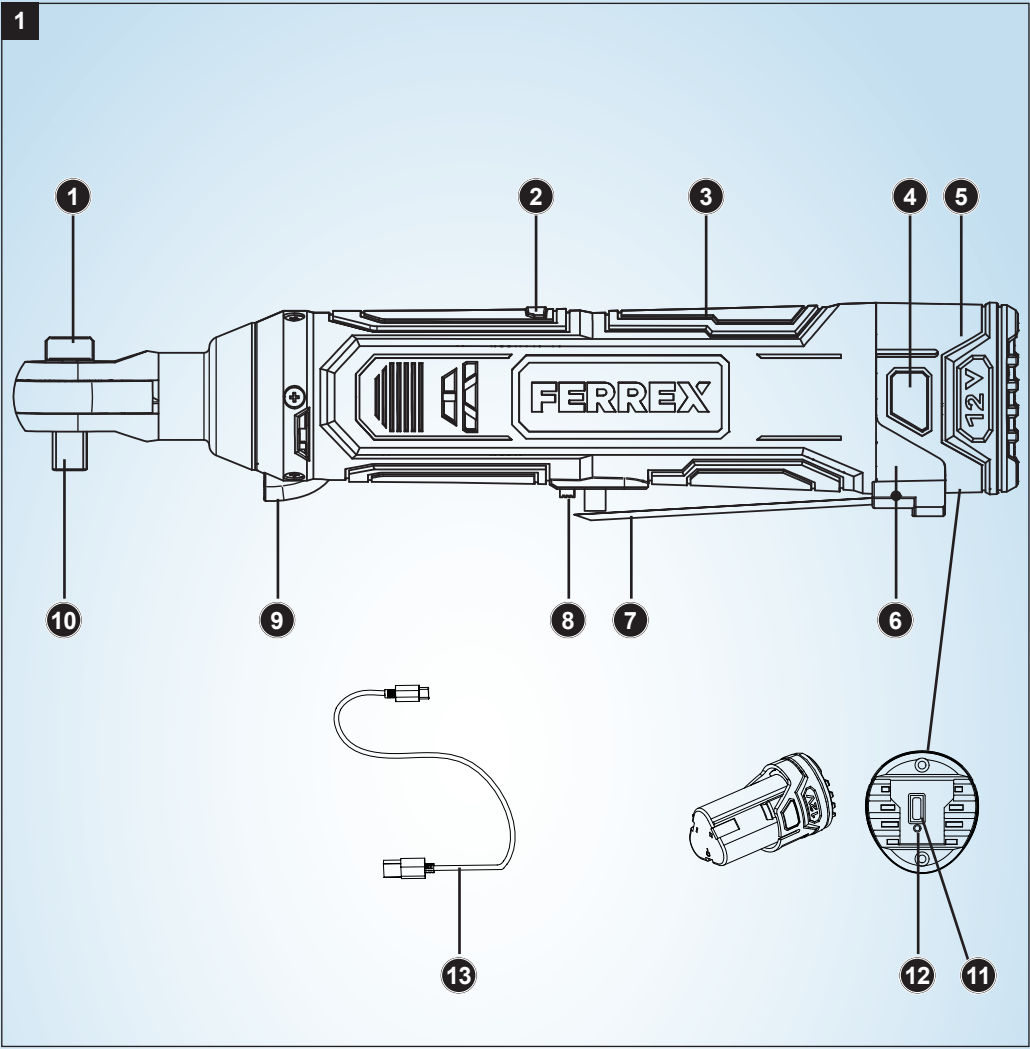
## 12V CORDLESS RATCHET WRENCH

### F-RTW12



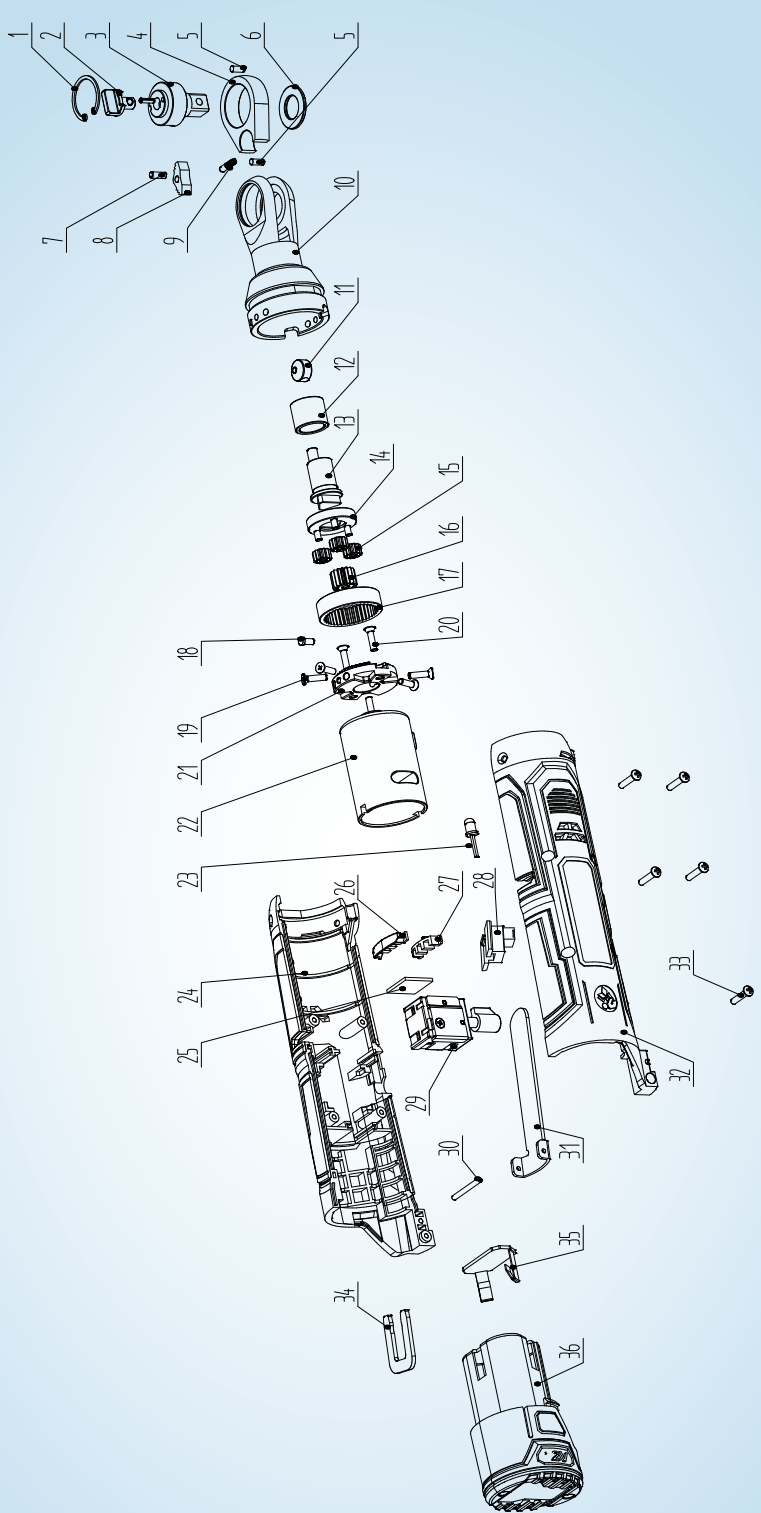
Translation of original instruction manual

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**Scope of delivery**

- 1 x Cordless Ratchet Wrench
- 1 x Battery
- 1 x USB-C Charging cable
- 1 x Operating manual
- 1 x Warranty card



## Explanation of the symbols on the device

	Warning - Read the operating manual to reduce the risk of injury.
	Wear safety goggles. Sparks created during work or fragments, chippings and dust ejected by the device can cause sight loss.
	Wear hearing protection. Excessive noise can result in a loss of hearing.
	Protect batteries from heat and fire.
	Protect batteries from water and moisture.
	The RCM Mark (Regulatory Compliance Mark) indicates that the product complies with the relevant guidelines of the ACMA as well as corresponding government requirements for the safety of electrical devices.
 Li-ion	Lithium-ion battery.
	5-year warranty.
 <b>Attention!</b>	We have marked points in this operating manual that impact your safety with this symbol.

# 1. Introduction

Congratulations on your purchase of this FERREX® product.

All FERREX® products, are manufactured to the highest standards of performance and safety and are secured by our comprehensive 5-year warranty as part of our customer service.

We hope you will enjoy your purchase for many years to come.

## **Note:**

In accordance with the applicable product liability laws, the manufacturer of this device assumes no liability for damage to the device or caused by the device arising from:

- Improper handling.
- Failure to comply with the operating instructions,
- Repairs carried out by third parties, unauthorised specialists.
- Installing and replacing non-original spare parts,
- Application other than specified.

## **Recommendations:**

Read through the complete text in the operating manual before installing and commissioning the device.

This operating manual should help you to familiarise yourself with your device and to use it for its intended purpose.

The operating manual includes important instructions for safe, proper and economic operation of the device, for avoiding danger, for minimising repair costs and downtimes, and for increasing the reliability and extending the service life of the device.

In addition to the safety instructions in this operating manual, you must also observe the regulations applicable to the operation of the device in your country.

Keep the operating manual at the device, in a plastic sleeve, protected from dirt and moisture. They must be read and carefully observed by all operating personnel before starting the work. The device may only be used by personnel who have been trained to use it and who have been instructed with respect to the associated hazards. The required minimum age must be observed.

In addition to the safety instructions in this operating manual and the separate regulations of your country, the generally recognised technical rules relating to the operation of such machines must also be observed.

We accept no liability for accidents or damage that occur due to a failure to observe this manual and the safety instructions.

## 2. Device description (Fig. 1)

### **Cordless ratchet wrench:**

1. Rotation direction switch
2. Battery charge indicator
3. Handle
4. Release button (battery)
5. Battery
6. Battery mount
7. ON/OFF switch
8. Locking switch
9. LED work lamp
10. Tool holder
11. USB-C Charging socket
12. Battery LED

### **Accessories**

13. USB-C Charging cable
  - 1x Warranty Card
  - 1x Instruction manual

### 3. Proper use

This appliance is intended for tightening and loosening hexagonal bolts and nuts. An element of the intended use is also the observance of the safety instructions, as well as the assembly instructions and operating information in the operating manual. Persons who operate and maintain the product must be familiar with the manual and must be informed about potential dangers.

The liability of the manufacturer and resulting damages are excluded in the event of modifications of the product.

The product may only be operated with original parts and original accessories from the manufacturer.

The safety, operating and maintenance specifications of the manufacturer, as well as the dimensions specified in the technical data, must be observed.

Please note that our products were not designed with the intention of use for commercial or industrial purposes. We assume no guarantee if the product is used in commercial or industrial applications, or for equivalent work.

### 4. Safety instructions

#### General safety instructions

##### **Warning!**

**Read all safety information and instructions.** Failure to observe safety information and instructions can result in electric shock, fire and/or serious injuries.

**Save all warnings and instructions for future reference.** The term “electric tool” used in the safety instructions refers to mains-powered electrical tools (with a mains cable) and battery-powered electrical tools (without a mains cable).

#### Workplace safety

- a) Keep your work area clean and well-lit.** Disorganised and unlit work areas can result in 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.

## **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 use the cable for another purpose, for example, carrying or hanging the power tool or pulling the plug out of the socket. Keep the cable away from heat, oil, sharp edges or moving device parts.** Damaged or coiled cables increase the risk of an electric shock.
- e) **If you work with an electric tool outdoors, only use extension cables that are also permitted 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.

## **Personal safety**

- a) **Always remain attentive, pay attention to what you are doing and be sensible when working with electric tools. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of carelessness when using electrical tools can result in serious injuries.
- b) **Wear personal protective equipment and always safety goggles.** Protective equipment such as a 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 rechargeable battery, picking up or carrying the tool.** Keeping your finger on the

switch when carrying the electric tool or having the device already switched on when connecting it to the power supply may result in accidents.

- d) Remove any adjusting key or screwdriver before turning the power tool on.** A tool or spanner that is located in a rotating device part may result in injuries.
- 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 hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- g) If dust extraction and collection devices can be mounted, make sure that they are connected and used properly.** 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.

## **Power tool use and care**

- a) Do not overload the device. 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 electric tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) Remove the plug from the socket and/or remove the battery before setting the device, changing accessories or putting the device away.** 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 let people use the electric tool who are not familiar with it or who have not read these instructions.** Power tools are dangerous in the hands of untrained users.
- e) Maintain power tools. Check whether moving parts function properly and do not get stuck and whether parts are broken or are damaged and thus adversely affect the electric tool function. Have damaged parts repaired before using the device.** 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.

### **Using and handling the rechargeable tool**

- a) Only charge the batteries with the USB charging cable provided or a replacement cable recommended by the manufacturer**  
A USB cable that is unsuitable for a particular type of battery poses a fire hazard.
- b) Only use the batteries in power tools that are designed for them.**  
The use of other batteries can lead to injuries and a risk of fire.
- c) Keep the unused battery away from paper clips, coins, keys, nails, screws or other small metal objects that could cause a short-circuit between the contacts.** A short-circuit between the contacts of the battery could result in burns or fires.
- d) Liquid may leak from the battery if used incorrectly. Avoid contact with it. In case of accidental contact, rinse with water. If the liquid gets into your eyes, seek immediate medical attention'.**  
Leaking battery fluid may cause skin irritation or burns.
- e) Protect the battery from heat, e.g. also from continuous sunlight, fire, water and moisture.** There is a risk of explosion.

### **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.

### **Appliance-specific safety guidelines for cordless ratchets**

- **Hold the appliance using the insulated handles if you are carry out any**

work during which the attached tool could contact hidden power cables. Contact with a live wire may electrify exposed metal parts of the tool and could give the operator an electric shock.

- **Secure the workpiece.** A workpiece securely held by a clamping device or vice is much safer than one held in your hand.
- **Hold the power tool firmly.** High reaction moments can occur for brief periods while tightening and loosening screws.
- **Switch the power off immediately if the tool blocks while in use.** Be prepared for high reaction moments as these can cause kickback.
- **Disconnect the battery pack before carrying out any work on the appliance.** This prevents the power tool from starting up unintentionally.
- **CAUTION, POWER CABLES! DANGER!** Ensure that you are not likely to hit power, gas or water supply lines when you are working with the power tool.

## Residual risks

Even if you operate this product as instructed, there is still a potential risk of personal injury and material damage. The following hazards, among others, may occur in connection with the construction and design of this product:

- Damage to health resulting from vibration emissions if the product is used over an extended period of time or if it is not properly operated and maintained.
- Personal injury and material damage caused by defective cutting tools or sudden impact of a concealed object during use.
- Danger of injury and material damage caused by flying objects.

## **ATTENTION!**

This product generates an electromagnetic field during operation! This field can impair active or passive medical implants under certain circumstances! In order to prevent the danger of serious or deadly injuries, we recommend that persons with medical implants consult with their physician and the manufacturer of the medical implant prior to operating the product!

## Technical data

### Cordless ratchet wrench

Model:	F-RTW12
Rated voltage:	12V (direct current)
Idle speed $n_0$ :	300 min <sup>-1</sup>
Max. torque:	45 Nm
Square drive:	3/8" (9.5 mm)
Temperature:	Operation: -20°C - 50°C Storage: 5°C - 30°C

### Battery

Model:	DC3313
Battery type:	Lithium-Ion
Number of cells:	3
Rated voltage:	12 V
Capacity:	1.3 Ah
Power:	15.6 Wh
Temperature	Charging: 4°C - 40°C Operation: -20°C - 50°C Storage: 0°C - 45°C

### Only use the following battery charger to charge the tool:

Input voltage:	100 - 240 V~
Input AC frequency:	50 / 60 Hz
Output voltage:	5.0 V (direct current)
Output current:	1.5 A
Output power:	8.5 W
Average operating efficiency:	78.2 %
Power consumption at zero load:	0.07 W
Input current:	0.3 A
Protection class:	II (double insulation)
Connection type:	USB (Type C)

### Noise and vibration

#### WARNING

Noise can have serious effects on your health. If the machine noise exceeds 85 dB, please wear suitable hearing protection for you and persons in the vicinity.

The noise and vibration values have been determined in accordance with EN 62841-1.

**Noise data**

Sound pressure $L_{pA}$	80 dB
Measurement uncertainty $K_{pA}$	3 dB
Sound power $L_{WA}$	91 dB
Measurement uncertainty $K_{pA}$	3 dB

**Vibration data**

Vibration $a_h$	11.64 m/s <sup>2</sup>
Measurement uncertainty $K$	1.5 m/s <sup>2</sup>

The total vibration emission values specified and the device emissions values specified have been measured in accordance with a standardised test procedure and can be used for comparison of one electric tool with another.  
The total noise emission values specified and the total vibration emission values specified can also be used for an initial estimation of the load.

**⚠ WARNING**  
**The noise emission values and vibration emission value can vary from the specified values during the actual use of the power tool, depending on the type and the manner in which the electric tool is used, and in particular the type of workpiece being processed.**  
Try to keep the stress as low as possible. For example: Limit working time. In doing so, all parts of the operating cycle must be taken into account (such as times in which the power tool is switched off or times in which it is switched on, but is not running under a load).

## 5. Unpacking

- Open the packaging and carefully remove the device.
- Remove the packaging material, as well as the packaging and transport safety devices (if present).
- Check whether the scope of delivery is complete.
- Check the device and accessory parts for transport damage. In the event of complaints the carrier must be informed immediately. Later claims will not be recognised.
- If possible, keep the packaging until the expiry of the warranty period.
- Familiarise yourself with the device by means of the operating manual before using for the first time.
- With accessories as well as wearing parts and replacement parts use only original parts. Spare parts can be obtained from your specialist dealer.
- When ordering please provide our article number as well as type and year of manufacture for your equipment.

### **⚠ ATTENTION!**

**The device and the packaging material are not children's toys! Do not let children play with plastic bags, films or small parts! There is a danger of choking or suffocating!**

## 6. Operation

### **⚠ WARNING**

#### **Danger of injury!**

Remove the battery from the power tool before carrying out any work on the power tool (e.g. maintenance, tool change, etc.) and when transporting and storing it. There is a risk of injury if the on/off switch is operated unintentionally.

### **⚠ ATTENTION!**

Make sure that the ambient temperature does not exceed 50°C and does not fall below -20°C during work.

### **⚠ ATTENTION!**

Use the product only with its original battery and USB charging cable!

## **Information about the battery (5) (Fig. 1)**

### **⚠ NOTE!**

A new battery (5) or one that has not been used for a long time must be charged before it is used for the first time/again.

- The battery is partially charged on delivery. Li-ion rechargeable batteries can be charged at any time without affecting their service life. Interrupting the charging process will not damage the battery.

## **Starting the charging process (Fig. 1)**

1. Connect the USB-C Connector on the USB charging cable (13) to the USB power socket (11).
2. Connect the USB- A connector on the USB charging cable (13) to an USB-A power source.
3. The battery LED (12) lights up red during charging.
4. The battery (5) is charged when the battery LED (12) is no longer illuminated.

## **Ending the charging process**

1. Disconnect the USB charging cable (13) from the product.
2. Pull the USB charging cable out of the socket.

**⚠ WARNING!** The product shall not be used during charging process.

## **Inserting/removing the battery (8) (Fig.1)**

### **Inserting the battery (8)**

1. Push the battery (5) into the battery mount (6). The battery (5) clicks into place.

### **Removing the battery (5)**

1. Press the release button (4) of the battery (5) at both sides and remove it from the battery mount (6).

## **Select direction of rotation (Fig. 1)**

### **⚠ WARNING!**

- The rotation direction switch (1) may only be used/adjusted when the appliance is at a standstill.
- Select the direction of rotation by moving the rotation direction switch (1) to the right or left.

## Switching on/off (Fig. 1)

Turn on

- Use the locking switch (8) to unlock the ON/OFF switch (7).
- Press and hold the ON/OFF switch (7) to start the machine.
- The LED work lamp (9) lights up automatically. This provides illumination of the work area in poor lighting conditions.

### ⚠ NOTE!

- Pressing the ON/OFF switch (7) lightly yields a low speed/torque. Increasing the pressure increases the speed/tightening torque.

## Switching off (Fig. 1)

- Release the ON/OFF switch (7) to switch off the machine.
- Use the locking switch (8) to lock the ON/OFF switch (7).

Attaching the adapter

- Push a suitable socket (not included) onto the tool holder (10).

## Checking the battery charger level (Fig. 1)

The battery charge indicator (2) signals the state of charge of the battery (5) by illuminating the corresponding LED lights when the device is in operation.

Press and hold the on/off switch (11).

LED:	Battery status:
Red-Yellow-Green	Battery fully charged
Red and Yellow	Battery half charged
Red	Battery needs to be charged

## 9. Cleaning

### **WARNING!**

Switch off the product and allow the product to cool down before carrying out inspection, maintenance or cleaning work!

Have the product repaired by the service centre or a qualified electrician and only with original spare parts. This ensures that safety of the product is maintained.

- Make sure that no liquids can penetrate the interior of the product.
- Always keep the product clean, dry and free from oil or grease. Remove dust after each use and before storage.
- Regular proper cleaning helps to ensure safe use and prolongs the service life of the product.
- Clean the product with a dry cloth. Use a soft turnout brush for hard-to-reach areas.
- In particular, remove dirt and dust from the vents with a cloth and a soft brush.
- Ventilation openings must always be free.
- Perform a complete recharge of the rechargeable battery at the beginning and at the end of a longer period of non-use.
- If a lithium-ion battery is to be stored for a longer period of time, the charge level must be checked regularly. The optimal state of charge is between 50 and 80 %. The optimal storage climate is cool and dry.

### **NOTE!**

Do not use chemical, alkaline, abrasive or other aggressive cleaning agents or disinfectants to clean the product, as these may damage the surfaces.

Spare parts not listed (such as the battery charger) can be ordered via our call centres.



## 10. Maintenance

The product is maintenance-free.

Before and after each use: Check the product and its accessories for wear and damage. Replace the accessories if necessary. Observe the technical requirements (see "Technical data").

## 11. Repairs

There are no parts which can be repaired by the user within this product. Contact a qualified professional to have the product checked and repaired.

## 12. Storage

- Switch the product off.
- Clean the product as described above.
- Store the product and its accessories in a dark, dry and frost-free place.
- Always store the product in a place inaccessible to children. The optimum long-term storage temperature (longer than 3 months) is between +20 and +26 °C.

### 13. Troubleshooting

Fault	Possible cause	Remedy
The product cannot be started.	The battery power is too weak.	Charge the battery.
	The battery is not properly inserted.	Push the battery into the battery mount. The battery clicks into place audibly.

### 14. Transport

This product contains a rechargeable Li-ion battery and is therefore subject to the legal regulations on hazardous substances. The product with integrated battery can be transported by road and sea without any special requirements.

- Packaging and marking are subject to special requirements in the case of transport by third-party providers (e.g. airline, courier, freight forwarder). A dangerous goods expert must be consulted when transporting through third parties.
- Protect the product from shocks and strong vibrations that occur especially during transport in vehicles.

### 15. Disposal and recycling

The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Defective components must be disposed of as special waste. Ask your dealer or your local council.



# **FERREX®**

**12V CORDLESS RATCHET WRENCH**

## **Warranty Details**

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**REGISTER YOUR PURCHASE AT [www.aldi.com.au/en/about-aldi/product-registration/](http://www.aldi.com.au/en/about-aldi/product-registration/) TO KEEP UP-TO-DATE WITH IMPORTANT PRODUCT INFORMATION**



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The product is guaranteed to be free from defects in workmanship and parts for a period of 60 months from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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### **AFTER SALES SUPPORT**

  1300 855 831

 [support@scheppach.com.au](mailto:support@scheppach.com.au)

AUS Hotline Costs: Local rate for landline calls\*  
\*Charges may vary dependent upon network operator or mobile network provider.

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12V CORDLESS RATCHET WRENCH

## Repair and Refurbished Goods or Parts Notice

Unfortunately, from time to time, faulty products are manufactured which need to be returned to the Supplier for repair.

Please be aware that if your product is capable of retaining user-generated data (such as files stored on a computer hard drive, telephone numbers stored on a mobile telephone, songs stored on a portable media player, games saved on a games console or files stored on a USB memory stick) during the process of repair, some or all of your stored data may be lost.

**We recommend you save this data elsewhere prior to sending the product for repair.**

You should also be aware that rather than repairing goods, we may replace them with refurbished goods of the same type or use refurbished parts in the repair process.

**Please be assured though, refurbished parts or replacements are only used where they meet ALDI's stringent quality specifications.**

If at any time you feel your repair is being handled unsatisfactorily, you may escalate your complaint. Please telephone us on SUPPLIER TELEPHONE or write to us at:

RossMac Pty. Ltd.



Unit 6, 4 Ovata Drive, Tullamarine, Victoria, 3043

Telephone: 1300 855 831 (Monday - Friday 8:00am-6:00pm)

Email: [support@schepach.com.au](mailto:support@schepach.com.au)

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#### AFTER SALES SUPPORT

  1300 855 831

AUS Hotline Costs: Local rate for landline calls\*  
\*Charges may vary dependent upon network operator or mobile network provider.

 [support@schepach.com.au](mailto:support@schepach.com.au)

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