



HILTI RT 6-22 Cordless Rivet Tool User Manual

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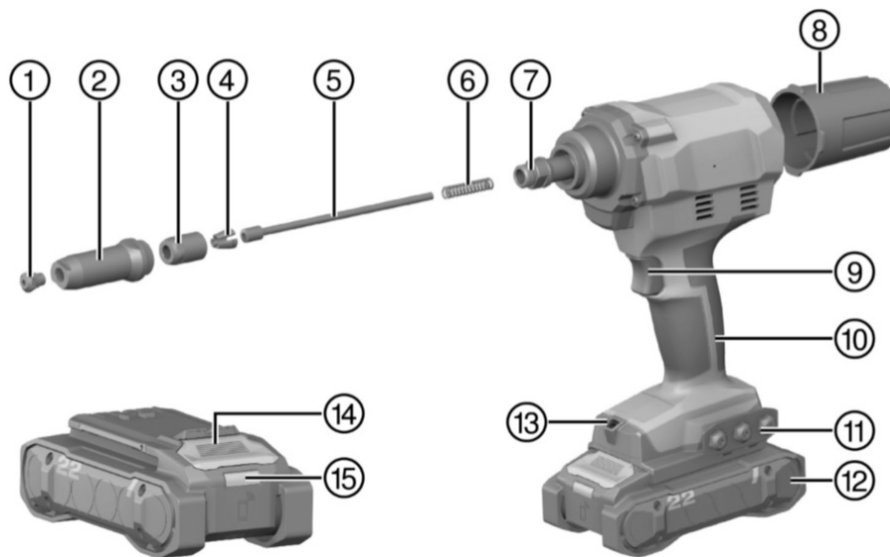
2.12 EC Declaration of Conformity | UK Declaration of Conformity

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RT 6-22





Original operating instructions

1 Information about the operating instructions

1.1 About these operating instructions

- Read these operating instructions before the product is used or operated for the first time. This is a prerequisite for safe, trouble-free handling and use of the product.
- Observe the safety instructions and warnings in these operating instructions and on the product.
- Always keep the operating instructions with the product and make sure that the product is accompanied by these operating instructions only, when the product is given to other persons.

1.2 Explanation of symbols

1.2.1 Warnings

Warnings alert persons to hazards that occur when handling or using the product. The following signal words are used:



DANGER !

- Draws attention to imminent danger that will lead to serious personal injury or fatality.
-



WARNING !

- Draws attention to a potential threat of danger that can lead to serious injury or fatality.







 **CAUTION**

CAUTION !

- Draws attention to a potentially dangerous situation that could lead to personal injury or damage to the equipment or other property.
-


1.2.2 Symbols in the operating instructions

The following symbols are used in these operating instructions:

	Comply with the operating instructions
	Instructions for use and other useful information
	Dealing with recyclable materials
	Do not dispose of electric equipment and batteries as household waste
	Hilti Li-ion battery
	Hilti charger

1.2.3 Symbols in illustrations








The following symbols are used in illustrations:

2	These numbers refer to the illustrations at the beginning of these operating instructions.
3	The numbering reflects the sequence of operations shown in the illustrations and may deviate from the steps described in the text.
⑪	Item reference numbers are used in the overview illustration and refer to the numbers used in the key in the product overview section.
	These characters are intended to specifically draw your attention to certain points when handling the product.

1.3 Product-dependent symbols

1.3.1 Symbols on the product

The following symbols can be used on the product:

	Wear eye protection
	Wear ear protection
	Wear a hard hat
	Direct current (DC)
	The product supports near-field communication (NFC) technology compatible with iOS and Android platforms.
Li-Ion	Li-ion battery
	Never use the battery as a striking tool.
	Do not drop the battery. Never use a battery that has suffered an impact or is damaged in any other way.

1.4 Product information

HILTI products are designed for professional users and only trained, authorized personnel are permitted to operate, service and maintain the products. This personnel must be specifically informed about the possible hazards. The product and its ancillary equipment can present hazards if used incorrectly by untrained personnel or if used not in accordance with the intended use.

The type designation and serial number are printed on the rating plate.

- Write down the serial number in the table below. You will be required to state the product details when contacting Hilti Service or your local Hilti organization to inquire about the product.

Product information

Blind-rivet setting tool, cordless	RT 622
Generation:	02
Serial number:	


1.5 Declaration of conformity

The manufacturer declares, on his sole responsibility, that the product described here complies with the applicable legislation and standards. A copy of the declaration of conformity can be found at the end of this documentation.

The technical documentation is filed here:

2 Safety

2.1 General power tool safety warnings

 **WARNING** Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below 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.

Work area safety

- **Keep work area clean and well lit.** Cluttered or 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.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

Electrical safety

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

- **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 personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- **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.
- **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 and clothing 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 dust collection can reduce dust-related hazards.
- **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

- **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 and/or remove the battery pack, if detachable, 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.
- **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 and accessories. 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.
- **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, 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.
- **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.

Battery tool use and care

- **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.

- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **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.
- **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.
- **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130° C (265 °F) may cause explosion.
- **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

Service

- **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.
- **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

2.2 Additional safety instructions

Personal safety

- Never tamper with or modify the product or accessories in any way.
- Use the product and accessories only when they are in perfect working order.
- Do not use the product for purposes for which it was not intended. Use it only as directed and when in faultless condition.
- The product is designed exclusively for setting blind rivets.
- Never use the product without the mandrel container installed.
- Before beginning work, check that the mandrel container is installed securely.
- To reduce the risk of injury use only genuine **Hilti** accessories and spare parts or those of equivalent quality.
- Risk of injury by falling tools and/or accessories. Before starting work, check that the battery and installed accessories are secure.
- Do not use a nosepiece holder to lift the product.
- Do not use a nosepiece holder to hang up the product.
- Keep the air vents clear at all times. Risk of burn injuries due to blocked air vents!
- Use only fasteners of a type approved for use with the product.
- Never point the product toward yourself or other persons.
- Never press the nosepiece of the product against your hand or against any other part of your body (or other person's hand or part of their body).

- Drive the fasteners into metal only. Do not attempt to drive fasteners into other materials.
- Pull the trigger only when the nosepiece of the product is in contact with the working surface and the tool is fully compressed.
- When driving fasteners, always hold the product at right angles to the working surface in order to prevent the fastener from being deflected by the material.
- Never re-attempt to drive a fastener, because this can cause breakage.
- Switch the product on only after you have brought it to the working position.
- Never leave the product unattended.
- Always remove the rivet before cleaning, servicing or carrying out maintenance work on the tool.
- Unload (remove blind rivet) the products when they are not being used and store the blind rivets in a locked, dry place inaccessible to children.
- Do not disassemble the product while it is hot. If this is unavoidable, wear protective gloves.
- Do not use the product if parts are damaged or if operating controls do not function faultlessly. Have the product repaired by **Hilti** Service.
- Do not look directly into the light source (LED) of the product and do not aim the beam at other persons' faces. Risk of dazzling or eye damage.

Safety at the workplace

- Keep the workplace tidy. Objects which could cause injury should be removed from the working area.
- You and all other persons in the vicinity must wear suitable eye protection, a hard hat, ear protection and protective gloves while the tool is in use.
- Keep product and blind rivets locked away and always inaccessible to children.
- Keep children and other persons away from the working area.
- Before driving fasteners, check that no one is present on the other side of the sheet metal to be fastened.

2.3 Careful handling and use of batteries

- **Comply with the following safety instructions for the safe handling and use of Li-ion batteries.** Failure to comply can lead to skin irritation, severe corrosive injury, chemical burns, fire and/or explosion.
- Use only batteries that are in perfect working order.
- Treat batteries with care in order to avoid damage and prevent leakage of fluids that are extremely harmful to health!
- Do not under any circumstances modify or tamper with batteries!
- Do not disassemble, crush or incinerate batteries and do not subject them to temperatures over 80 °C (176 °F).
- Never use or charge a battery that has suffered an impact or been damaged in any other way. Check your batteries regularly for signs of damage.
- Never use recycled or repaired batteries.
- Never use the battery or a battery-operated power tool as a striking tool.
- Never expose batteries to the direct rays of the sun, elevated temperature, sparking, or open flame. This can lead to explosions.
- Do not touch the battery poles with your fingers, tools, jewelry, or other electrically conductive objects. This can damage the battery and also cause material damage and personal injury.
- Keep batteries away from rain, moisture and liquids. Penetrating moisture can cause short circuits, electric

shock, burns, fire and explosions.

- Use only chargers and power tools approved for the specific battery type. Read and follow the relevant operating instructions.
- Do not use or store the battery in explosive environments.
- If the battery is too hot to touch, it may be defective. Put the battery in a place where it is clearly visible and where there is no risk of fire, at an adequate distance from flammable materials. Allow the battery to cool down. If it is still too hot to touch after an hour, the battery is faulty. Consult **Hilti** Service or read the document entitled "Instructions on safety and use for **Hilti** Li-ion batteries".

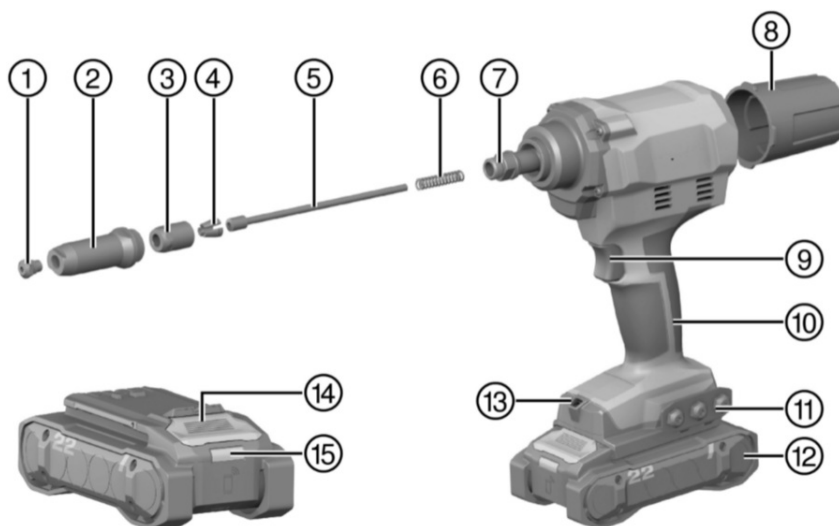


Observe the special guidelines applicable to the transport, storage and use of lithium-ion batteries. → page 11

Read the instructions on safety and use of **Hilti** Li-ion batteries that you can access by scanning the QR code at the end of these operating instructions.

3 Description

3.1 Product overview [1]



(1) Nosepiece

(2) Steel sleeve

(3) Jaw housing

(4) Jaw assembly (3 jaws)

(5) Jaw pusher

- (6) Pressure spring
- (7) Adapter
- (8) Mandrel container
- (9) Trigger
- (10) Grip
- (11) Nosepiece holder (removable) / installation slot for accessories
- (12) Battery
- (13) Work-area light / overload LED
- (14) Release button, battery
- (15) Battery status indicator

3.2 Intended use

The product described is a hand-held cordless blind-rivet setting tool.

The product is designed exclusively for setting blind rivets.

- For this product, use only **Hilti** Nuron lithium-ion batteries of the B 22 series. For optimum performance, **Hilti** recommends the batteries stated in the table at the end of these operating instructions for this product.
- For these batteries, use only **Hilti** chargers of the type series stated in the table at the end of these operating instructions.


3.3 Items supplied

Blind-rivet setting tool, 4 nosepieces, wrench, removable mandrel container, operating instructions.

Other system products approved for use with this product can be found at your local **Hilti Store** or at:
www.hilti.group

3.4 Overload protection

If an overload occurs the product switches off automatically and the overload **LED** flashes for 10 seconds.

 The product cannot be used during this time. Overloading is generally caused by residues in the jaw mechanism, which has to be cleaned accordingly. Follow the instructions on removing residues in the section on care and maintenance. The product should start working again once the blockage has been removed.

Hilti Nuron Li-ion batteries can indicate state of charge, fault messages and the battery's state of health.

3.5.1 Indicators for state of charge and fault messages



Risk of injury by a falling battery!

- If the release button is pressed with a battery inserted in the product, subsequently check that the battery is correctly re-engaged and secure.

Short-press the release button of the battery to get whichever of the following status indications is applicable at the time.

State of charge and, if applicable, faults are indicated constantly as long as the connected product is switched on.

Status	Meaning
Four (4) LEDs show constantly green	State of charge: 100 % to 71 %
Three (3) LEDs show constantly green	State of charge: 70 % to 51 %
Two (2) LEDs show constantly green	State of charge: 50 % to 26 %
One (1) LED shows constantly green	State of charge: 25 % to 10 %
One (1) LED slow-flashes green	State of charge: < 10 %
One (1) LED quick-flashes green	<p>The Li-ion battery is completely discharged. Recharge the battery.</p> <p>If the LED again starts quick-flashing after the battery has been charged, consult Hilti Service.</p>
One (1) LED quick-flashes yellow	<p>The Li-ion battery or the product in which it is inserted is overloaded, too hot or too cold, or experiencing some other fault.</p> <p>Bring the product and the battery to the recommended working temperature and do not overload the product when it is in use.</p> <p>If the message persists, consult Hilti Service.</p>
One (1) LED shows yellow	The Li-ion battery and the product in which it is inserted are not compatible. Consult Hilti Service .
One (1) LED quick-flashes red	The Li-ion battery is locked and cannot be used. Consult Hilti Service .

3.5.2 Indicators showing the battery's state of health

To check the battery's state of health, press the release button and hold it down for longer than three seconds. The system does not detect a potential malfunction of the battery due to misuse, for example battery dropped or pierced, external heat damage, etc.

Status	Meaning
All LEDs show in sequence, followed by one (1) LED showing constantly green.	The battery can remain in use.
All LEDs show in sequence, followed by one (1) LED quick-flashing yellow.	The check to ascertain the battery's state of health did not complete. Repeat the procedure, or consult Hilti Service.
All LEDs show in sequence, followed by one (1) LED showing constantly red.	<p>If a connected product can still be used, the remaining battery capacity is below 50 %.</p> <p>If a connected product can no longer be used, the battery has reached the end of its useful life and has to be replaced. Consult Hilti Service.</p>

4 Technical data

	RT 6-22
Rated voltage	21.6 V
Weight in accordance with EPTA Procedure 01, without battery	1.8 kg
Stroke length	25 mm
Storage temperature	-20°C ... 70°C
Ambient temperature for operation	-17°C ... 60°C

4.1 Battery

Battery operating voltage	21.6 V
Weight, battery	See the end of these operating instructions
Ambient temperature for operation	-17°C ... 60°C
Storage temperature	-20°C ... 40°C
Battery charging starting temperature	-10°C ... 45°C

4.2 Noise information and vibration values in accordance with EN 62841

The sound pressure and vibration values given in these instructions were measured in accordance with a standardized test and can be used to compare one power tool with another. They can also be used for a preliminary assessment of exposure.

The data given represent the main applications of the power tool. However, if the power tool is used for different applications, with different accessory tools, or is poorly maintained, the data can vary. This can significantly increase exposure over the total working period.

An accurate estimation of exposure should also take into account the times when the tool is switched off, or when it is running but not actually being used for a job. This can significantly reduce exposure over the total working period.

Identify additional safety measures to protect the operator from the effects of noise and/or vibration, for example: maintaining the power tool and accessory tools, keeping the hands warm, organization of work patterns.

Noise information

	RT 6-22
Sound power level LWA	76.8 dB(A)
Uncertainty for the sound power level KWA	3 dB(A)
Emission sound pressure level LpA	65.8 dB(A)
Uncertainty for the sound pressure level KpA	3 dB(A)

Vibration information

Vibration value ah,D	B 22-85	$\leq 2.5 \text{ m/s}^2$
Uncertainty for the given vibration value K		1.5 m/s ²

4.3 Table correlating nosepieces and blind rivets to be used

Nosepiece designation	Blind rivet diameter, all commercially available materials
RN 2.4	2.4 mm
RN 3.2	3.2 mm
RN 4.0	4.0 mm
RN 4.8	4.8 mm 5.0 mm (aluminum blind rivets only)

5 Preparations at the workplace



Risk of injury by inadvertent starting!

- Before inserting the battery, make sure that the product is switched off.
- Remove the battery before making any adjustments to the power tool or before changing accessories.

Observe the safety instructions and warnings in this documentation and on the product.

5.1 Charging the battery

1. Before charging the battery, read the operating instructions for the charger.
2. Make sure that the contacts on the battery and the contacts on the charger are clean and dry.
3. Use an approved charger to charge the battery. → page 6

5.2 Inserting the battery



Risk of injury by short circuit or falling battery!

- Before inserting the battery, make sure that the contacts on the battery and the contacts on the product are free of foreign matter.
 - Make sure that the battery always engages correctly.
-

1. Charge the battery fully before using it for the first time.
2. Push the battery into the product until it engages with an audible click.
3. Check that the battery is seated securely.

5.3 Removing the battery

1. Press the battery release button.
2. Remove the battery from the product.

5.4 Fall arrest



Risk of injury by falling tool and/or accessory!

- Use only the **Hilti** tool tether recommended for your product.
 - Prior to each use, always check the attachment point of the tool tether for possible damage.
 - Do not secure a tool tether to the belt hook. Do not use a belt hook to lift the product.
-
-



Comply with the national regulations for working at heights.

As drop arrester for this product, use only a combination of the **Hilti** retaining strap and the **Hilti** tool tether #2261970.

- Remove the nosepiece holder.
 - Secure the retaining strap to the installation openings for accessories. Check that it holds securely.
 - Secure one carabiner of the tool tether to the retaining strap and secure the second carabiner to a load-bearing structure. Check that both carabiners hold securely.
-



Comply with the operating instructions of the **Hilti** retaining strap and those of the **Hilti** tool tether.

5.5 Changing the nosepiece



CAUTION

Risk of injury A blind rivet can injure you.

- Make sure there is no blind rivet in the fastening tool.
-

1. Press and hold down the trigger.
2. Use a ring wrench of the correct size (12 mm) to slacken the nosepiece and unscrew it.
3. Screw the new nosepiece into position.
4. Use a ring wrench of the correct size to tighten the nosepiece.

6 Operation

Observe the safety instructions and warnings in this documentation and on the product.

6.1 Setting a blind rivet

1. Install the correct nosepiece for the rivet diameter you are going to use.
 2. Insert the blind rivet into the nosepiece.
 3. Hold the product in position on the workpiece.
-



Only predrilled workpieces can be riveted.

4. Press the trigger to set the blind rivet.
5. Tilt the product to the rear so that the sheared rivet mandrel can drop into the mandrel container.

6.2 Emptying the mandrel container

1. Turn the mandrel container counter-clockwise to remove.
2. Empty the mandrel container.
3. Screw the mandrel container back on to the product.

7 Care and maintenance



Risk of injury with battery inserted !

- Always remove the battery before carrying out care and maintenance tasks!
-

Care of the product

- Carefully remove stubborn dirt.
- Carefully clean the air vents, if present, with a dry, soft brush.
- Use only a slightly damp cloth to clean the housing. Do not use cleaning agents containing silicone as these can attack the plastic parts.
- Use a dry, clean cloth to clean the contacts of the product.

Care of the Li-ion batteries

- Never use a battery with clogged air vents. Clean the air vents carefully using a dry, soft brush.
- Avoid unnecessary exposure of the battery to dust and dirt. Never expose the battery to high levels of moisture (e.g. by being dipped in water or left in the rain).


If a battery has been soaked by moisture, treat it as a damaged battery. Isolate it in a non-flammable container and consult **Hilti** Service.

- Keep the battery free of extraneous oil and grease. Do not permit dust or dirt to accumulate unnecessarily on the battery. Clean the battery with a dry, soft brush or a clean, dry cloth. Do not use cleaning agents containing silicone as these can attack the plastic parts. Do not touch the contacts of the battery and do not remove the factory-applied grease from the contacts.
- Use only a slightly damp cloth to clean the housing. Do not use cleaning agents containing silicone as these can attack the plastic parts.

Maintenance


- Check all visible parts and controls for signs of damage at regular intervals and make sure that they all function correctly.
- Do not use the product if signs of damage are found or if parts malfunction. Immediately have the product repaired by **Hilti** Service.

- After cleaning and maintenance, install all guards and protective devices and check that they are in full working order.
-


 To help ensure safe and reliable operation, use only genuine Hilti spare parts and consumables. Spare parts, consumables and accessories approved by **Hilti** for use with your product can be found at your **Hilti Store** or online at: www.hilti.group

7.1 Removal of metallic residues

1. Use an open-ended wrench of the correct size (24 mm) to slacken the steel sleeve.
 2. Completely unscrew the steel sleeve.
 3. Carefully tap all residues out of the steel sleeve.
 4. Unscrew the nosepiece and with a cloth, rub the steel sleeve until no traces of metallic residues remain.
 5. Screw the nosepiece on again.
 6. Use a ring wrench of the correct size (17 mm) to open the jaw housing and unscrew it completely.
 7. Remove the three-part jaw assembly (jaws).
 8. Carefully tap all residues out of the jaw housing.
 9. Use a cloth sprayed with rust inhibitor to rub the jaw housing and the jaws until no traces of metallic residues remain.
-

 Replace the jaws if they are worn.

10. Now remove the jaw pusher and its spring.
 11. Clean the jaw pusher and the spring with a cloth.
 12. Clean the adapter with a cloth.
 13. Use a 15 mm wrench to make sure that the connecting shaft is secure.
 14. Reinsert all the parts in the reverse of the disassembly procedure.
-

 In this process, coat the jaw pusher and the jaw housing on the outside with a Hilti grease. Spray a drop of oil into the jaw housing.

15. Tighten the steel sleeve with an open-ended wrench of the correct size (24 mm).

7.2 Removal of metal parts from the jaw housing

1. Use an open-ended wrench of the correct size (24 mm) to slacken the steel sleeve.
 2. Completely unscrew the steel sleeve.
 3. Carefully tap all residues out of the steel sleeve.
 4. Use a ring wrench of the correct size (17 mm) to open the jaw housing and unscrew it completely.
 5. Carefully tap all residues out of the jaw housing.
 - This causes the three jaws and the metal parts to fall out.
 6. Reinsert all the parts in the reverse of the disassembly procedure.
-



Spray a drop of oil into the jaw housing.

7. Tighten the steel sleeve with an open-ended wrench of the correct size (24 mm).

7.3 Check of jaw housing correct seating

1. Use an open-ended wrench of the correct size to slacken the steel sleeve.
2. Completely unscrew the steel sleeve.
3. Check that the jaw housing is seated correctly.
4. If applicable, completely screw the jaw housing back on to the adapter.
5. Screw the sleeve on again.
6. Use an open-ended wrench of the correct size to tighten the steel sleeve.

8 Transport and storage of cordless tools and batteries

Transport



Accidental starting during transport !

- Always transport your products with the batteries removed!
-

- Remove the battery/batteries.
- Never transport batteries loose and unprotected. During transport, batteries should be protected from excessive shock and vibration and isolated from any conductive materials or other batteries that may come in contact with the terminals and cause a short circuit. **Comply with the locally applicable regulations for transporting batteries.**
- Do not send batteries through the mail. Consult your shipper for instructions on how to ship undamaged

batteries.

- Prior to each use and before and after prolonged transport, check the product and the batteries for damage.

Storage



Accidental damage caused by defective or leaking batteries !

- Always store your products with the batteries removed!

-
- Store the product and the batteries in a cool and dry place. Comply with the temperature limits stated in the technical data.
 - Do not store batteries on the charger. Always remove the battery from the charger when the charging operation has completed.
 - Never leave batteries in direct sunlight, on sources of heat, or behind glass.
 - Store the product and batteries where they cannot be accessed by children or unauthorized persons.
 - Prior to each use and before and after prolonged storage, check the product and the batteries for damage.

9 Troubleshooting

If a problem occurs, always observe the charge-status and fault indicator of the battery. See the section headed **Status indicators of the Li-ion battery**.

If the trouble you are experiencing is not listed in this table or you are unable to rectify the problem by yourself, please contact **Hilti Service**.

Trouble or fault	Possible cause	Action to be taken
Battery does not engage with an audible click.	The retaining lugs on the battery are dirty.	<ul style="list-style-type: none">• Clean the retaining lug and re-insert the battery.
Overload LED flashes for 10 seconds.	Overload protection.	<ul style="list-style-type: none">• Remove metallic residues. → page 10
	Battery is discharged.	<ul style="list-style-type: none">• Change the battery and charge the empty battery.

Blind rivet is not set.	Jaws are dirty or worn.	<ul style="list-style-type: none"> • Clean the jaws or, if applicable, replace them. → page 10
	Jaw housing not correctly screwed on.	<ul style="list-style-type: none"> • Screw the jaw housing on correctly. → page 11
	Spring weak or defective.	<ul style="list-style-type: none"> • Replace the spring. → page 10
No rivet mandrel disposal.	Use of the wrong nosepiece.	<ul style="list-style-type: none"> • Change the nosepiece. → page 9
	Nosepiece is worn.	<ul style="list-style-type: none"> • Change the nosepiece. → page 9
	Rivet mandrel wedged in jaws.	<ul style="list-style-type: none"> • Remove the rivet-mandrel residues from the jaw housing. → page 11
	Steel sleeve is dirty.	<ul style="list-style-type: none"> • Clean the steel sleeve. → page 10
	Mandrel container is full.	<ul style="list-style-type: none"> • Empty the mandrel container. → page 10

10 Disposal



WARNING

Risk of injury due to incorrect disposal! Health hazards due to escaping gases or liquids.

- DO NOT send batteries through the mail!
- Cover the terminals with a non-conductive material (such as electrical tape) to prevent short circuiting.
- Dispose of your battery out of the reach of children.
- Dispose of the battery at your **Hilti Store**, or consult your local governmental garbage disposal or public health and safety resources for disposal instructions.



Most of the materials from which **Hilti** products are manufactured can be recycled. The materials must be correctly separated before they can be recycled. In many countries, your old tools, machines or appliances can be returned to Hilti for recycling. Ask **Hilti** Service or your **Hilti** sales representative for further information.



- Do not dispose of power tools, electronic equipment or batteries as household waste!

11 Manufacturer's warranty

- Please contact your local **Hilti** representative if you have questions about the warranty conditions.

12 Further information

For more information on operation, technology, environment and recycling, follow this link: qr.hilti.com/manual/?id=2293235&id=2293236

This link is also to be found at the end of the documentation, in the form of a QR code.

EC Declaration of Conformity | UK Declaration of Conformity



Manufacturer:

Hilti Corporation

Feldkircherstraße 100

9494 Schaan | Liechtenstein

UK Importer:

Hilti (Gt. Britain) Limited

1 Trafford Wharf Road, Old Trafford

Manchester. M17 1BY

RT 6-22 (02)

Serial Numbers: 1-9999999999

2006/42/EC | Supply of Machinery (Safety) Regulations 2008 EN 62841-1:2015 EN 55014-2:2015

EN 55014-1:2017

2014/30/EU | Electromagnetic Compatibility Regulations 2016

2011/65/EU | The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

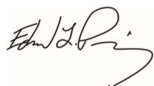


Dr. Tahar Zrilli

Head of Quality and Process Management

Business Area Electric Tools & Accessories

Schaan, 03.03.2022



Edward-Louis Przybylowicz

Head of BU Power Tool & Accessories

Business Area Electric Tools & Accessories



 **NURON**

B 22-85 (01)	0,77 kg	1.70 lb
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C 4-22
C 6-22
C 8-22



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Hilti = registered trademark of Hilti Corp., Schaan

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Documents / Resources



[HILTI RT 6-22 Cordless Rivet Tool](#) [pdf] User Manual
RT 6-22 Cordless Rivet Tool, RT 6-22, Cordless Rivet Tool, Rivet Tool

References

- [HILTI Country selector](#)
- [Официальный сайт - Hilti Россия](#)

