

Erbauer®



ERT576SDS

2Year
Guarantee

36V SDS DRILL

ERT576SDS

Original Instructions
(Version 1.0)

 **CAUTION**

This is a very powerful Drill.

When using this drill it is essential that the following rules for use are followed!

1. When drilling it is common that the core / drill bit jams in the material being drilled. This will result in the drill trying to rotate around the drill bit and potentially come out of your grip. This SDS Drill has a safety clutch mechanism. This safety clutch mechanism will be activated and stop the drive to the drill bit **BUT** only if you resist the initial forces caused by the jamming by securely holding the drill with both hands. As this is a very powerful drill these forces are significant.
2. **ALWAYS** ensure that the front handle is firmly affixed and secure.
3. The Front and rear handle must be firmly held to resist any movement of the drill when the core drill or drill bit becomes jammed.
4. **ALWAYS** use this drill when standing on a firm and secure platform or the ground. **(DO NOT USE ON LADDERS OR STEPS)**
5. **NEVER** Start the Drill with the core or drill jammed in position.
6. **DO NOT** stretch to hold the drill. Do not drill above shoulder height or below Knee height, as the drill cannot be securely held.
7. Never drill holes that are above the declared maximum size in the manual.
8. This drill is not designed for core drilling above the maximum drilling capacity in masonry.

Erbauer®

Congratulations on your purchase of a quality power tool from Erbauer (UK) Ltd. This product should give you reliable service but for your peace of mind this Erbauer power tool does carry a 2 year guarantee, the terms of which are detailed below.

If this product develops a fault within the guarantee period contact your retailer.

Please retain this handbook in case you need to refer to safety, care or guarantee information in the future.

GUARANTEE

This **Erbauer** product carries a 2 year guarantee. If your product develops a fault within this period, you should in the first instance contact the retailer where the item was purchased.


This guarantee specifically excludes losses caused due to:

- Fair wear and tear
- Misuse or abuse
- Lack of routine maintenance
- Failure of consumable items (such as batteries)
- Accidental damage
- Cosmetic damage
- Failure to follow manufacturer's guidelines
- Loss of use of the goods

This guarantee does not affect your statutory rights. This guarantee is only valid in the UK.

For further technical advice, spare parts or repair service (outside of guarantee) please contact the customer helpline number on 0345 607 6380.

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 electric (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 wrench before turning the power tool on.

A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f. Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

g. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

4. Power tool use and care

a. Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

b. Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c. Disconnect the plug from the power source 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.

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.

HAMMER SAFETY WARNINGS

1. **Wear ear protectors when use impact drilling.** Exposure to noise can cause hearing loss.
2. **Use auxiliary handle(s), if supplied with the tool.** Loss of control can cause personal injury.
3. **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
4. Remove the battery pack from the drill before carrying out adjustments.
5. Do not expose to rain or water.
6. Do not store the battery pack in temperatures over 40°C.
7. Always charge the battery pack between temperatures 0°C to 30°C. Ideal charging temperature is 18°C to 24°C.
8. Only use the charger and the battery pack provided to work together.
9. Avoid short circuit of the battery pack connections (screws & nails).
10. Do not incinerate or burn the battery pack, it may explode.
11. Do not charge a damaged battery pack.
12. Replace any damaged supply cords on your charger.
13. Always disconnect the charger power supply before making or breaking the connections to the battery pack.
14. Battery pack and charger will be warm during charging, this is normal.
15. When not in use, remove a charged battery pack from the charger.
16. Always remove the battery pack from the charger immediately after re-charging is completed.
17. Your drill and battery pack will be warm when working, this is normal.
18. Do not dispose of batteries in fire, or with household waste. Return exhausted batteries to your local collection or recycling point.
19. Always check walls, floors and ceilings for hidden power cables and pipes.
20. Accessories and metal parts can become very hot during working. Never touch them by bare hand.

FOR CHARGER

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

1. Charger is double insulated for additional electrical safety.
2. Charger is for indoor use only.
3. Never charge damaged batteries as these can short circuit and over heat.
4. When the charger is in use it MUST be supervised , if there is any evidence of overheating then IMMEDIATELY disconnect the charger from the power supply.

5. If gas or smoke is emitted from the battery during charging switch off the power supply , and move to a well vented area to allow the fumes to vent to atmosphere. Caution is there is leaking liquid from the battery wear protective clothing, glasses and clothes as this can be acidic.
6. Always disconnect battery charger and remove battery from charger when the charging is complete.
7. Only use the battery charger specifically stated on the base of the battery.

FOR BATTERY

1. Always remove the battery pack from the charger immediately after re-charging is completed.
2. When not in use, remove a charged battery pack from the charger.
3. Do not charge a damaged battery pack.
4. Do not charge non-rechargeable batteries.
5. Do not install the battery backwards so the polarity is reversed.
6. Do not connect the positive terminal and negative terminal of the battery to each other with any metal object (such as wire).
7. Do not carry or store battery together with necklaces, hairpins or other metal objects.
8. Do not pierce the battery with nails, strike the battery with a hammer, step on the battery or otherwise subject it to strong impacts or shocks.
9. Do not solder directly onto the battery.
10. Do not expose battery to water or salt water, or allow the battery to get wet.
11. Do not disassemble or modify the battery. The battery contains safety and protection devices, which, if damaged, may cause the battery to generate heat, explode or ignite. The protection circuit module provided with battery packs is not to be used as a substitute for a shut-off switch.
12. Do not place the battery in or near fire, on stoves or other high temperature locations. Do not place the battery in direct sunlight, or use or store the battery inside cars in hot weather. Heating the battery can damage the safety circuitry, which can cause additional heating, rupture or ignition of the battery. Using the battery in this manner may also result in a loss of performance and a shortened life expectancy.
13. Do not place the battery in microwave ovens, high-pressure containers or on induction cookware.
14. If you intend to store a battery for a period without use then store battery at room temperature (19°C to 25°C), charged to about 30 – 50% of capacity. When storing for very long periods boost-charge the battery once per year to prevent over discharge.
15. Always charge the battery in a temperature range of 0°C to 30°C and discharge in a temperature range of 0°C to 75°C.
16. The battery pack and charger will be warm during charging, this is normal.
17. Do not continue charging the battery if it does not recharge within the specified charging time. Doing so may cause the battery to become hot, explode or ignite. The temperature range over which the battery can be charged is 0°C to 30°C. Charging the battery at temperatures outside this range may cause severe damage to the battery or reduce battery life expectancy.
18. When the battery is worn out, insulate the terminals with adhesive tape or similar materials before disposal.
19. Do not dispose of batteries in fire, or with household waste. Return exhausted batteries to your local collection or recycling point.



Warning: If a small amount of electrolyte should leak from the battery pack under extremes of temperature or after heavy use, then wash off immediately from your skin and hands using clean water. For eye contact, rinse thoroughly with clean water and seek medical treatment immediately.

ADDITIONAL SAFETY WARNING FOR CONSTRUCTION DUST

The updated Control of Substances Hazardous to Health Regulations 1st October 2012 now also targets to reduce the risks associated with silica, wood and gypsum dusts. Construction workers are one of the at-risk groups within this because of the dust that they breathe: silica dust is not just a nuisance; it is a real risk to your lungs!

Silica is a natural mineral present in large amounts in things like sand, sandstone and granite. It is also commonly found in many construction materials such as concrete and mortar. The silica is broken into very fine dust (also known as Respirable Crystalline Silica or RCS) during many common tasks such as cutting, drilling and grinding

Breathing in very fine particles of crystalline silica can lead to the development of:

Lung cancer

Silicosis

Chronic Obstructive Pulmonary Disorder (Chronic obstructive pulmonary disease (COPD))

And breathing in fine particles of wood dust can lead to the development of Asthma

The risk of lung disease is linked to people who regularly breathe construction dust over a period of time, not on the odd occasion.

To protect the lung, the COSHH Regulations sets a limit on the amount of these dusts that you can breathe (called a Workplace Exposure Limit or WEL) when averaged over a normal working day. These limits are not a large amount of dust: when compared to a penny it is tiny – like a small pinch of salt:

This limit is the legal maximum; the most you can breathe after the right controls have been used.


How to reduce the amount of dust?

1. Reduce the amount of cutting by using the best sizes of building products.
2. Use a less powerful tool e.g. a block cutter instead of angle grinder.
3. Using a different method of work altogether – e.g. using a nail gun to direct fasten cable trays instead of drilling holes first.

Please always work with approved safety equipment, such as those dust masks that specially designed to filter out microscopic particles and use the dust extraction facility at all time.

For more information please see the HSE website:

<http://www.hse.gov.uk/construction> or <http://www.hse.gov.uk/pubns/cis69.pdf>

 **Warning: Some dust particles created by power sanding, sawing, grinding, drill and other construction jobs contain chemicals known to cause cancer, birth defects or other reproductive harm.** Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks and cement and other masonry products.
- Arsenic and chromium from chemically treated timber.

Your risk from these exposures varies, depending upon how often you do this type of work. To reduce your exposure to these chemicals:

- Work in a well-ventilated area.
- Work with approved safety equipment, such as those dust masks that are specially designed to filter microscopic particles.

VIBRATION

The European Physical Agents (Vibration) Directive has been brought in to help reduce hand arm vibration syndrome injuries to power tool users. The directive requires power tool manufacturers and suppliers to provide indicative vibration test results to enable users to make informed decisions as to the period of time a power tool can be used safely on a daily basis and the choice of tool.

Further Advice can be found at www.hse.gov.uk


| Vibration total values (triax cover sum) determined according to EN60745: | |
|---|---|
| Hammer drilling into concrete | Vibration emission value $\alpha_{h,HD} = 11.27 \text{m/s}^2$ |
| | Uncertainty K = 1.5m/s ² |
| Chiselling | $\alpha_{h,CHed} = 10.25 \text{m/s}^2$ |
| | Uncertainty K=1.5m/s ² |

The declared vibration emission value should be used as a minimum level and should be used with the current guidance on vibration.

Calculating the actual period of the actual period off use can be difficult and the HSE website has further information.

The declared vibration emission been measured in accordance with a standardised test stated above and may be used to compare one tool with another tool.

The declared vibration emission value may also be used in a preliminary assessment of exposure.

 **Warning:** The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used dependant on the following examples and other variations on how the tool is used:

How the tool is used and the materials being cut or drilled.

The tool being in good condition and well maintained


The use the correct accessory for the tool and ensuring it is sharp and in good condition.

The tightness of the grip on the handles.

And the tool is being used as intended by its design and these instructions.

While working with this power tool, hand/arm vibrations occur. Adopt the correct working practices in order to reduce the exposure to vibration.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed.

 **Warning:** Identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time). Note The use of other tools will reduce the users' total working period on this tool.

Helping to minimise your vibration exposure risk.

ALWAYS use sharp chisels, drills and blades

Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate)

Avoid using tools in temperatures of 10°C or less

Plan your work schedule to spread any high vibration tool use across a number of days.

Health surveillance

All employees should be part of an employer's health surveillance scheme to help identify any vibration related diseases at an early stage, prevent disease progression and help employees stay in work.

Double insulation

The charger is double insulated. This means that all the external metal parts are electrically insulated from the mains power supply. This is done by placing insulation barriers between the electrical and mechanical components making it unnecessary for the tool to be earthed.

Vibration and noise reduction

To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment. Take the following points into account to minimize the vibration and noise exposure risks:

1. Only use the product as intended by its design and these instructions.
2. Ensure that the product is in good condition and well maintained.
3. Use correct application tools for the product and ensure they in good condition.
4. Keep tight grip on the handles/grip surface.
5. Maintain this product in accordance with these instructions and keep it well lubricated (where appropriate).
6. Plan your work schedule to spread any high vibration tool use across a number of days.

Familiarise yourself with the use of this product by means of this instruction manual. Memorise the safety directions and follow them to the letter. This will help to prevent risks and hazards.

1. Always be alert when using this product, so that you can recognise and handle risks early. Fast intervention can prevent serious injury and damage to property.
2. Switch off and disconnect from the power supply if there is any malfunction. Have the product checked by a qualified specialist and repaired, if necessary, before you put it into operation again.

Residual risks

Even if you are operating this product in accordance with all the safety requirements, potential risks of injury and damage remain. The following dangers can arise in connection with the structure and design of this product:

1. Health defects resulting from vibration emission if the product is being used over long periods of time or not adequately managed and properly maintained.

2. Injuries and damage to property due to broken application tools or the sudden impact of hidden objects during use.
3. Danger of injury and property damage caused by flying objects.



Warning: This product produces an electromagnetic field during operation! This field may under some circumstances interfere with active or passive medical implants! To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their doctor and the medical implant manufacturer before operating this product!

Important note:

Be sure the supply is the same as the voltage given on the rating plate for the charger. The charger is fitted with a two-core cable and plug.

Remove the mains plug from socket before carrying out any adjustment or servicing.

Torque limiter

There is a clutch in your rotary hammer drill.

The torque limiter will actuate when a certain torque level is reached. The motor will disengage from the output shaft. When this happens, the bit will stop turning.

As soon as the torque limiter actuates, switch off the tool immediately and remove the drill bit from the hole completely. This will help prevent premature wear of the tool.

SYMBOLS



To reduce the risk of injury, user must read instruction manual



Warning



Double insulation



Indoor use only



1h charging time for ERT577BAT



Do not expose to rain or water



Do not burn



Wear gloves



Always charge the battery pack between temperatures 0°C to 30°C. Ideal charging temperature is 18°C to 24°C.



This symbol indicates that this battery contains lithium. This battery shall be brought to your shop to be recycled.



Wear ear protection



Wear eye protection



Wear dust mask



Do not dispose of batteries, Return exhausted batteries to your local collection or recycling point.



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.

yyWxx Manufacturing date code; Year of manufacturing (20yy) and week of manufacturing (Wxx);

36V SDS DRILL

ERT576SDS



1. ADJUSTABLE DEPTH GAUGE
2. DUST PROTECTION CAP
3. TOOL HOLDER LOCKING SLEEVE
4. FUNCTION MODE SELECTION SWITCH
5. ON/OFF SWITCH (WITH VARIABLE SPEED CONTROL)
6. FORWARD AND REVERSE ROTATION CONTROL
7. BATTERY PACK
8. BATTERY PACK RELEASE BUTTON
9. AUXILIARY HANDLE
10. CHARGER
11. CHARGED INDICATOR LIGHT (GREEN)
12. CHARGING INDICATOR LIGHT (RED)
13. CHARGER STAND

TECHNICAL DATA

| | |
|----------------------------------|-------------------|
| Voltage | 36V \equiv |
| No load speed | 0-1050/min |
| Impact rate | 0-4600bpm |
| Impact energy | 2.5J |
| Battery type | Li-Ion |
| Charger time | 1hr |
| Battery capacity | 2.0Ah Li-ion |
| Battery pack quantity | 2 |
| Max. Drilling capacity | |
| Steel | 13mm |
| Wood | 30mm |
| Masonry | 26mm |
| Machine weight (without battery) | 2.8kg |
| Charger input | 100-240V~ 50/60Hz |
| Charger output | 36V \equiv 2.0A |

NOISE INFORMATION

| | | |
|---|--------------------|--------------------|
| A weighted sound pressure | L_{pA} : 86dB(A) | K_{pA} =3.0dB(A) |
| A weighted sound power | L_{wA} : 97dB(A) | K_{wA} =3.0dB(A) |
| Wear ear protection when sound pressure is over | | 80dB(A) |



ACCESSORIES

| | |
|----------------------------|------|
| Auxiliary handle | 1pc |
| Depth gauge | 1pc |
| 1hr charger | 1pc |
| 2.0 Ah Li-ion battery pack | 2pcs |
| Charger stand | 2pcs |

36V SDS DRILL

ERT576SDS

OPERATING INSTRUCTIONS



Note: Before using the tool, read the instruction book carefully.

Intended Use

The machine is intended for hammer drilling in concrete, brick and stone. It is also suitable for drilling without impact in wood, metal, ceramic and plastic.

CHARGING PROCEDURE

1. CHARGING THE BATTERY PACK

Your battery pack is UNCHARGED and you must charge once before use. When you charge the new battery or one which has not been used for long periods of time, it may not reach full charge until after you have discharged it fully in use and recharge it several times.



Warning: The charger and battery pack are specifically designed to work together so do not attempt to use any other devices. Never insert or allow metallic objects into your charger or battery pack connections because an electrical failure and hazard will occur.

2. INSTALL THE CHARGER STANDS (See Fig.1-3)

Slide the two charger stands (13) into the both grooves on back of the charger. The charger can stand as shown in Fig.3.

3. HOW TO CHARGE YOUR BATTERY (See Fig. 4)

Connect the battery charger to the power supply and the green light (11) will illuminate. Slide the battery pack (7) into the charger to make the connections. The green light (11) will be off and the red light (12) will illuminate to show charging has started. When charging is completed the green light (11) will illuminate while the red light (12) is off.



Warning: When battery charge runs out after continuously use or exposure to direct sunlight or heat, allow time for the tool to cool down before re-charging to achieve the full charge.

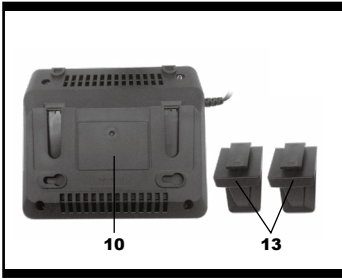


Fig. 1

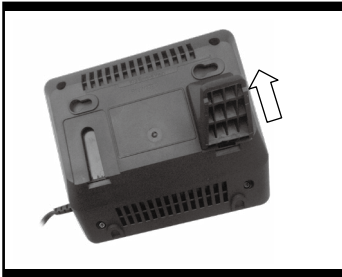


Fig. 2



Fig. 3

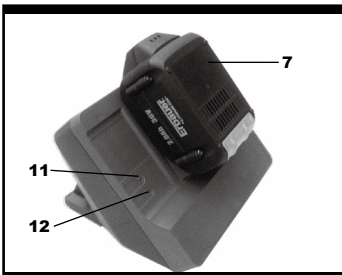


Fig. 4

NOTE:

| | |
|---------------------------|--|
| Red Flashing Green Off | Defective battery |
| Red ON Green Off | Charging |
| Green ON Red Off | Power On and Fully Charged |
| Green Flashing Red Off | The temperature of battery pack is less than 0°C or more than 45°C |

4. TO REMOVE OR INSTALL BATTERY PACK (See Fig. 5-1 5-2)

Depress the battery pack release button to release and slide the battery pack out from your tool(See FIG.5-1). After recharge, slide it back into your tool(See FIG.5-2). A simple push and slight pressure will be sufficient.

OPERATION

1. INSERTING AND REMOVING DRILL BIT IN SDS

Take care that the dust protection cap (2) is not damaged when changing tools.

-INSERTING (See Fig. 6-1)

Clean and lightly oil the bit before inserting. Insert the dust-free bit into the bit holder with a twisting motion until it latches.

The bit locks itself. Check the locking by pulling on the tool.

-REMOVING (See Fig. 6-2)

Retract back the bit holder locking sleeve (3) and pull out the bit.

⚠ Warning: Your new Rotary Hammer generates powerful forces to get your job done quickly and effectively. These forces may cause inferior quality SDS bits to break and jam in the chuck, We therefore recommend that only high quality SDS bits be used with this tool.



Fig. 5-1



Fig. 5-2

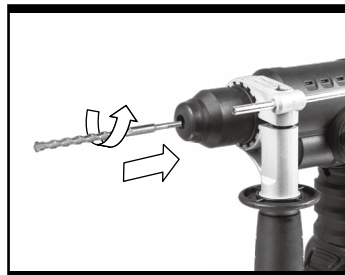


Fig. 6-1

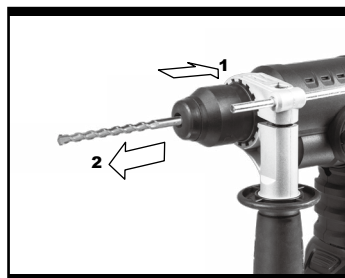


Fig. 6-2



Fig. 7

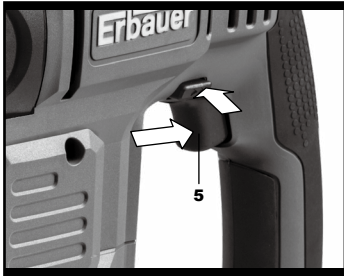


Fig. 8

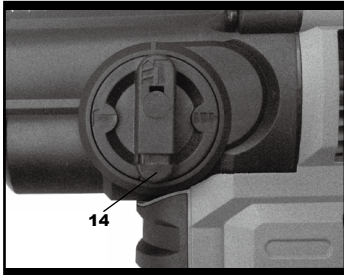



Fig. 9

2. AUXILIARY HANDLE (See Fig. 7)

Slide the handle onto the hammer and rotate to the desired working position. To clamp the auxiliary handle rotates the handle clockwise. To loosen the auxiliary handle, rotate the handle anti-clockwise.

 **Warning:** Always use the auxiliary handle.

3. ADJUSTABLE DEPTH GAUGE (See Fig. 7)

Fit the drill bit into the chuck. Loosen the depth gauge by rotating the handle anti-clockwise. Slide the depth gauge until the distance between the depth gauge end and the drill end is equal to the depth of hole/screw you wish to make. Then clamp the depth gauge by rotating the handle clockwise.

4. ON/OFF SWITCH WITH VARIABLE SPEED CONTROL (See Fig. 2)


Depress to start and release to stop your tool. This tool has a variable speed switch (5) that delivers higher speeds with increased trigger pressure - speed is controlled by varying the pressure applied to the switch.

5. SWITCH LOCK (See Fig. 8)

The switch trigger can be locked in the OFF position. This helps to reduce the possibility of accidental starting when not in use. To lock the switch trigger, place the direction of rotation control in the center position.




6. FORWARD AND REVERSE ROTATION CONTROL (See Fig. 8)

With the drill pointing away from you, push the forward/reverse-lever to the left “<<” for forward rotation. Push the forward/reverse-lever to the right for reverse rotation “>>”.

 **Warning:** Never change the direction of rotation while the tool is rotating, wait until it has stopped.

7. FUNCTION MODE SELECTION (See Fig. 9)

The operation of the gearbox for each application is set with the function mode selection switch (4). To change between functions, depress the unlocking button (14) and rotate the selector to the desired operating mode.

| | |
|---|---|
|  | <p>For simultaneous drilling and impacting of concrete or masonry, choose the Hammer drilling position.</p> |
|  | <p>For drilling into steel, wood and plastics choose the Rotary drilling position.</p> |
|  | <p>For impacting only - for light chipping, chiseling and demolition applications choose the Hammer position.</p> |

Warning: The operating mode selector switch may be actuated only at a standstill.

HANDY HINTS

General

1. Your cordless drill is useful for drilling holes on concrete.
2. To prolong the life of your drill never overload it; if it slows down while drilling, remove and try again using less force on the drill. If the drill is straining because the battery pack charge is low, stop and recharge the battery pack.
3. Always use only a soft, dry cloth to clean your drill; never use any detergent or alcohol. Disconnect the charger from the mains supply before cleaning.

Hole drilling

1. When attempting to drill a large diameter hole, it is sometimes best to start with a smaller drill bit then work up to the required size. This prevents overloading the drill.
2. If the drill bit snags, switch off the drill immediately to prevent permanent damage. Try the reverse drive to remove the bit.
3. Keep the drill in line with the hole. Ideally, if the angle is changed during drilling it could cause the bit to break.
4. Frequently remove the drill bit from the hole when drilling deep holes to allow the dust to be ejected from the hole.

POSSIBLE PROBLEMS AND SOLUTIONS

Should you encounter any problems when using your cordless drill, check the following list.

1. On/Off switch will not depress

The switch will not depress if the forward and reverse rotation selector is in the locked position. Move to the forward or reverse position and try again.

2. On/Off switch depresses but drill will not work

The cordless drill needs sufficient charge in the battery pack to work. The battery charge will deplete if not used for a long period of time. Try recharging the battery pack.

3. The drill body gets hot following extensive use

Under normal load condition the body, trigger and battery pack will heat up as the energy absorbed in the drilling operation produces heat. This is quite normal. Simply allow the drill to cool off for a few minutes.

4. The battery pack gets warm during use

The power-draw from the battery generates heat. This is increased as the energy draw increases. The LED will flash when the battery is getting extremely hot. Should you desire to cool it down, simply allow the drill to cool off prior to continuing work.

5. The battery pack gets warm when charging

This is normal; it is a result from the stepping down of the chemical reactions inside the batteries during the charging process.

6. The charger will get warm during charging

This is normal; it is a result of the stepping down of the main supply from 110-240Vac to 36Vdc.

7. HOT battery pack protection

The normal charging temperature is between 0°C and 45°C. When the allowable battery temperature of 45°C is exceeded, charging will suspend until it has reached the correct temperature. The normal discharging/working temperature is between 0°C and 75°C. When the allowable battery temperature of 75°C is exceeded, the electronic control switches off the power tool until the temperature is in the optimum temperature range again.

8. Battery pack overload and low-voltage protection

When max. allowable battery current is exceeded during working, the overload protection is activated to protect the battery against overheating.

When the battery is under normal voltage during working, the power tool will cease to operate.

The LED will flash to indicate your battery is getting under normal voltage. Recharge your battery before going on your work.


ENVIRONMENTAL PROTECTION



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. For further information visit www.recycle-more.co.uk.

DISPOSAL OF AN EXHAUSTED BATTERY PACK



To preserve natural resources, please recycle or dispose of the battery pack properly. This  battery pack contains Li-ion batteries. Consult your local waste authority for information regarding available recycling and/or disposal options.

Discharge your battery pack by operating your tool, then remove the battery pack from the tool housing and cover the battery pack connections with heavy-duty adhesive tape to prevent short circuit and energy discharge. Do not attempt to open or remove any of the components.

PLUG REPLACEMENT (UK & IRELAND ONLY)

If you need to replace the fitted plug then follow the instructions below.

IMPORTANT

The wires in the mains lead are coloured in accordance with the following code:

BLUE = NEUTRAL

Brown = Live

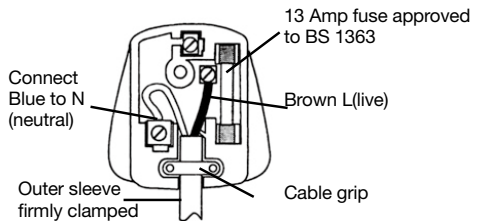
As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows. The wire which is coloured blue must be connected to the terminal which is marked with N. The wire which is coloured brown must be connected to the terminal which is marked with L.



Warning:

Never connect live or neutral wires to the earth terminal of the plug. **Only fit an approved 13AMP BS1363/A plug and the correct rated fuse.**

Note: If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket.



Erbauer®

DECLARATION OF CONFORMITY

We, Importer
Erbauer (UK) Ltd BA22 8RT

Declare that the product
Description: **36V SDS Drill**
Model: **ERT576SDS**

Complies with the following Directives,
EC Machinery Directive **2006/42/EC**
EC Low Voltage Directive **2006/95/EC**
EC Electromagnetic Compatibility Directive **2004/108/EC**
Restrictions of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment **2011/65/EU**
Waste Electrical and Electronic Equipment (WEEE) **2012/19/EU**

Standards conform to:

EN 55014-1
EN 55014-2
EN 60745-2-6
EN 60745-1
EN 60335-1
EN 60335-2-29
EN 61000-3-2
EN 61000-3-3
EN 62233

Authorised Signatory and technical file holder

Date: 11/06/14

Signature: P. C. Harries

Name / title: Peter Harries / Quality Manager
Erbauer (UK) Ltd. Trade House, Mead Avenue, BA22 8RT



36V SDS DRILL

ERT576SDS

Erbauer®