DRAPER

EN

Original Instructions
Version 3 – July 2025

230V/110V 14KG

# HEX BREAKER

**56409/75737**

UK CA CE

# 1. Preface

These are the original product instructions. This document is part of the product; retain it for the life of the product, passing it on to subsequent holders. Read this manual in full before attempting to assemble, operate or maintain this product.

This Draper Tools manual describes the purpose of the product and contains all the necessary information to ensure its correct and safe use. Following all the instructions and guidance in this manual will ensure the safety of both the product and the operator and increase the lifespan of the product.

All photographs and drawings within this manual are supplied by Draper Tools to help illustrate correct operation of the product.

Every effort has been made to ensure the information contained in this manual is accurate. However, Draper Tools reserves the right to amend this document without prior warning. Always use the latest version of the product manual.

## 1.1 Product Reference

**User Manual for:** Hex Breaker

**Stock No:** 56409/230V, 75737/110V

**Part No:** HXBKR1500D, HXBKR1500D110

## 1.2 Revisions

**Version 1:** January 2019
First release

**Version 2:** September 2024

**Version 3:** July 2025

As our manuals are continually updated, always ensure that the latest version is used.

Please visit **drapertools.com/manuals** for the latest version of this manual and the associated parts list, if applicable.

## 1.3 Understanding the Safety Content of This Manual

**WARNING! – Situations or actions that may result in personal injury or death.**

**CAUTION! – Situations or actions that may result in damage to the product or surroundings.**

**Important:** – Information or instructions of particular importance.

## 1.4 Copyright © Notice

# 2. Contents

# 3. Product Introduction

## 3.1 Intended Use

This product is designed to break concrete and similar materials and is supplied with an auxiliary side handle, point and flat chisels.

Any other application beyond the conditions established for use will be considered misuse. Draper Tools accepts no responsibility for improper use of this product.

Read this manual in full before attempting to assemble, operate or maintain the product, and retain it for later use.

## 3.2 Specification

| Stock No. | 56409 | 75737 |
|---|---|---|
| Part No. | HXBKR1500D | HXBKR1500D110 |
| Rated voltage | 230V/50Hz | 110V/50Hz |
| Rated input | 1,500W | 1,500W |
| Max. impact rate | 1,900bpm | 1,900bpm |
| Impact energy | 45J | 45J |
| **Noise emissions** | | |
| Sound pressure level (LpA) | 93dB(A) | 93dB(A) |
| Sound power level (LWA) | 105dB(A) | 105dB(A) |
| Uncertainty (K) | 3dB(A) | 3dB(A) |
| **Vibrations** | | |
| Vibration level | 20.706m/s$^2$ | 20.706m/s$^2$ |
| Net weight | 14kg | 14kg |
| Cord length (approx.) | 3.2m | 3.2m |

**Important:** The declared vibration total values and noise emissions values have been measured in accordance with a standard test method and may be used for comparing one tool with another. These values may also be used in a preliminary assessment of exposure.

**WARNING! The vibration and noise emissions during actual use of the product can differ from the declared values depending on the mode selected and the workpiece upon which it is used. Before each use, estimate the likely exposure resulting from the actual conditions of use. Take into account all parts of the operation cycle in order to identify any safety measures required to protect the operator.**

**Important:** Read all the Health and Safety instructions before attempting to operate, maintain or repair this product. Failure to follow these instructions may result in injury or damage to the user or the product.

## 4.1 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, 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, clothing and gloves away from moving parts.**
  - Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.**
  - Use of 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.

**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.

## 4.2 Additional Hex Breaker Safety Warnings

**WARNING!**
This product is very heavy.

- **Wear ear protectors.**
  - Exposure to noise can cause hearing loss.
- **Use auxiliary handle(s), if supplied with the tool.**
  - Loss of control can cause personal injury.
- **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.**
  - Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- The operator must be physically capable of bearing the weight of this tool and maintaining control while the tool is in operation.
- Wear a hard hat; adequate hearing protection; protective googles or a face shield; thick, cushioned, protective gloves and protective non-slip footwear while using this tool.
  - Wearing a dust mask during operation is also recommended.
- **NEVER** direct this tool towards yourself or any other person.
- **NEVER** use the tool bits as hand-struck tools.
- Operate this tool only in well-ventilated areas or where adequate dust-extraction and other ventilation equipment is supplied.
- This tool exerts a high level of force during use.
  - Brace yourself appropriately for the force of the tool and maintain a sturdy, comfortable and balanced stance during operation.
  - Shift postures regularly during extended operation.
- Ensure that the work surface is sturdy and fixed in place or unlikely to move during operation.
  - **NEVER** use this tool on any work surface that is held in place by hand.

- Inspect the work surface before operating and ensure that the work will not contact any hidden cables, pipes or other objects that may cause a hazard if struck or damaged.
  - **DO NOT** operate this tool on the work surface if you are unsure about the presence of underground utilities in the area.
- Ensure that the bit is securely installed before operation.
- Check the tightness of all screws, bolts and fixing points before **EVERY** use.
- The lubricants may need to warm up if the tool is used in cold weather or it has not been used for an extended period.
  - Operate the tool with no load for a short while before operating to loosen up the lubrication.
- Stop using this tool **IMMEDIATELY** if you begin to feel numbness or other discomfort resulting from the vibrations of the tool and seek medical advice if necessary.
- If the tool begins to vibrate abnormally or excessively, stop the operation immediately and investigate the cause.
- Keep handles and grasping surfaces dry, clean and free from oil and grease.
- **DO NOT** touch the bit or its surrounding parts immediately after use as they may be hot and cause burns.
- **NEVER** cool a hot tool bit in water.
- **DO NOT** carry the tool by hand further than is absolutely necessary; where possible, transport the tool in a vehicle.
  - When transporting the tool in a vehicle, ensure that it is secured firmly in place.

## 4.3 Connection to the Power Supply

**230V Hex Breaker (Stock No. 56409)**
**This hex breaker should be connected to a 230V AC domestic power supply.**

**110V Hex Breaker (Stock No. 75737)**
**This hex breaker should be connected to a 110V power supply using the 16A plug supplied.**

**CAUTION!**
**Risk of electric shock. DO NOT open.**

This appliance is supplied with an approved plug and cord for your safety.

If the power supply cord is damaged, it must be replaced by Draper Tools, an authorised service agent or similarly qualified personnel in order to avoid a hazard.

The damaged or incomplete plug, when cut from the cord, shall be disabled to prevent connection to a live electrical outlet.

This product is Class II* and is designed for connection to a power supply matching that detailed on the rating label and compatible with the plug fitted.

The value of the fuse fitted is marked on the pin face of the plug. Should the fuse need replacing, ensure the substitute is of the correct rating, approved to BS 1362 ASTA or BS Kite marked.

ASTA

BSI

The fuse can be replaced by removing the cover using a small plain slot screwdriver and removing the broken fuse from its holder. This should only be performed by suitably qualified personnel.

If an extension lead is required, use an approved and compatible lead rated for this tool.

**Important: ALWAYS** follow the extension lead instructions regarding maximum load while the cable is wound. If in doubt, unwind the entire cable. A coiled extension lead generates heat which could melt the lead and cause a fire.

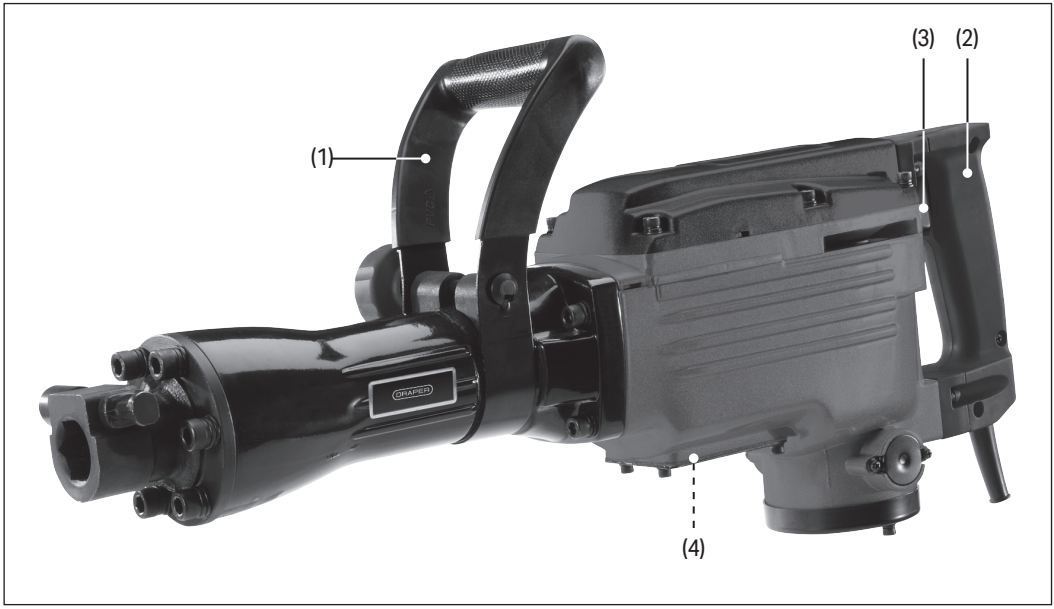
*Double insulated ⧈: This product requires no earth connection as supplementary insulation is applied to protect against electric shock from accessible conductive parts in the event of failure of the basic insulation.

## 4.4 Residual risk

The safety instructions in this manual cannot account for all possible conditions and situations that may occur. Exercise common sense and caution when using this product and protect against any additional conceivable risks.

# 5. Identification and Unpacking

## 5.1 Product Overview

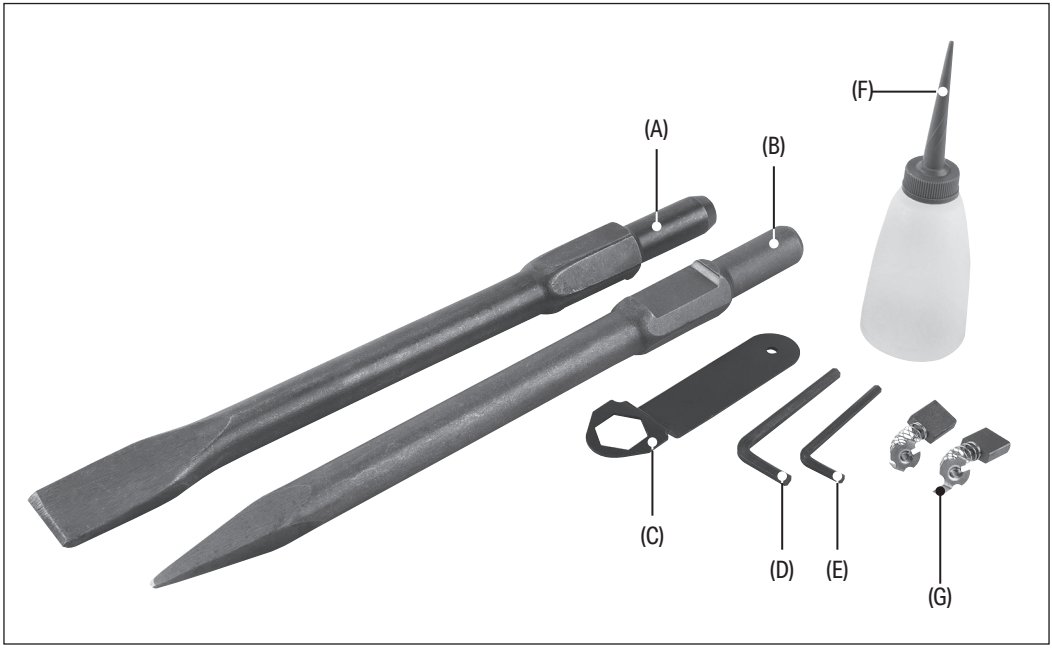



(1) Adjustable auxiliary handle
(2) Soft grip handle
(3) ON/OFF trigger switch
(4) Oil reservoir window
(5) Power cord and plug

## 5.2 What's in the Box?

Carefully remove the product from the packaging and examine it for any signs of damage that may have occurred during shipment.

Before assembling the product, lay the contents out and check them against the parts shown below. If any part is damaged or missing, do not attempt to use the product. Please contact the Draper Helpline; contact details can be found at the back of this manual.




(A) 410mm x 30mm Flat chisel
(B) 410mm x 30mm Pointed chisel
(C) Spanner
(D) 6mm Hex. key
(E) 5mm Hex. key
(F) Oil pot
(G) Pair of replacement brushes

## 5.3 Packaging

Keep the product packaging for the duration of the warranty period for reference should the product need to be returned for repair.

**WARNING! Keep packaging materials out of reach of children. Dispose of packaging correctly and responsibly and in accordance with local regulations.**

Please visit **drapertools.com** for our full range of accessories and consumables.

# 6. Preparation Instructions

**Important:** This product **MUST** be correctly prepared before use. **ALWAYS** ensure that the breaker is switched off, disconnected from the power supply and has completely stopped and cooled before making any adjustments to the product.

## 6.1 Adjusting the Auxiliary Handle

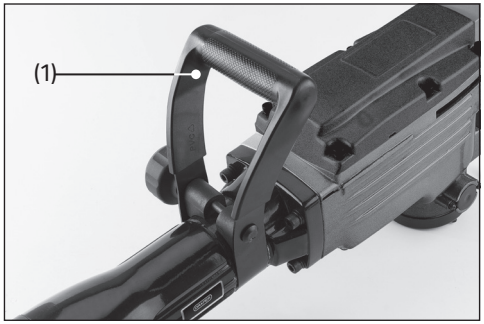



Fig. 1

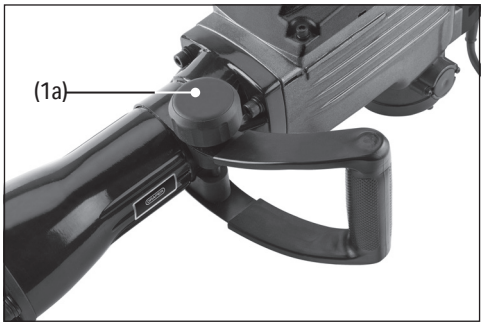



Fig. 2

Fig. 3

**WARNING! NEVER operate the breaker without the auxiliary handle in place.**

- To adjust the position of the auxiliary handle, loosen the adjusting knob (1a) and move to the required position.
- Then retighten the knob.

## 6.2 Checking and Refilling the Oil

**CAUTION! This product is shipped WITHOUT oil. Lubricating Oil MUST be added to the machine before first use. Damage caused to the product due to use without oil is not covered by your warranty.**

20W-50 grade oil is recommended.

**Important:** The oil level should be checked before **EVERY** use and topped up if necessary.

When full, the oil reservoir contains sufficient oil for approximately 60 hours of use.

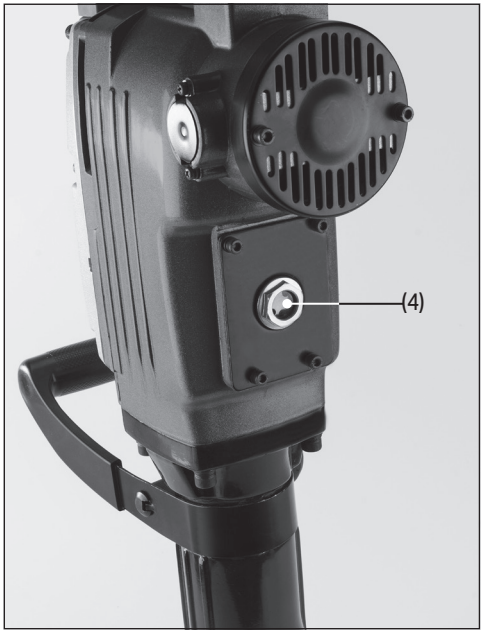



Fig. 4

- To check the current oil level, hold the tool vertically and rest on the floor. The oil reservoir window (4) is located on the underside of the product. When the oil level drops to approximately 3mm above the bottom of the window, the reservoir must be refilled.

**To top up and replace the oil:**

1. Lay the tool horizontally with the oil reservoir window facing upwards.

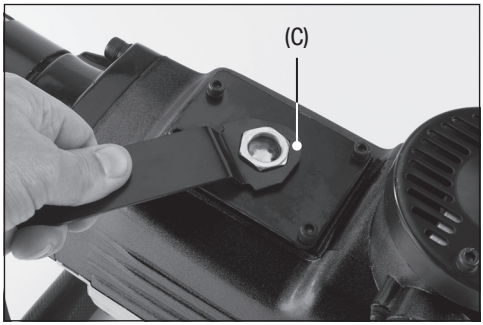



Fig. 5

2. Use the spanner (C) supplied to remove the oil reservoir window, taking care not to lose or damage the gasket.
3. To drain the oil, tip the tool over and allow the oil to run from the reservoir into a suitable container. **Important:** Wipe up any spillages immediately.

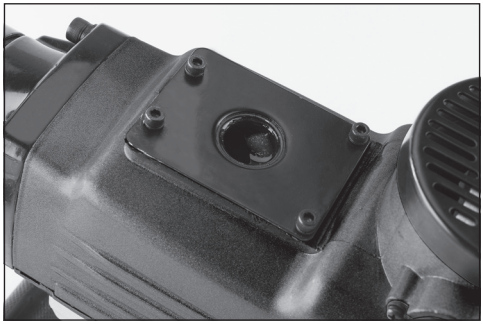


Fig. 6

4. Fill the reservoir with lubricating oil to approximately 10mm below the bottom of the threaded section of the opening.

## 6.3 Fitting and Changing Bits

**Important:** Ensure that the trigger is released and the tool is disconnected from the power supply before handling the bit attachments.

**WARNING! The bit and surrounding areas of the tool may be hot after use. Allow the tool to cool before changing the bit.**

**Important: ALWAYS** clean and lightly grease the bit shank before inserting it into the tool. During periods of extended use, take regular breaks, allow the bit to cool and reapply the lubricant. When replacing the bit, **ALWAYS** clean the shank of any grease to prevent dust and debris from accumulating.

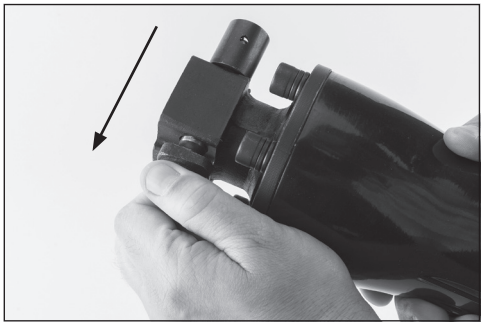


Fig. 7

1. Pull the bit retainer outwards and rotate it anticlockwise approximately 180°.
2. Slide any installed bit out of the bit socket and clean it of any grease and debris.

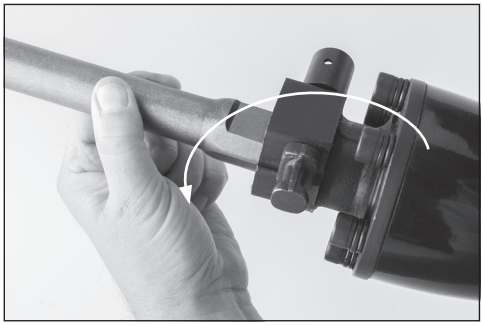


Fig. 8

3. Fully insert the new bit into the bit socket and rotate the bit retaining pin 180° to its original position, locking the bit in place.

# 6. Preparation Instructions

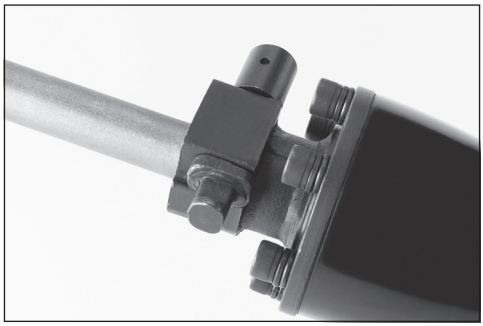


Fig. 9

4. Pull firmly outwards on the bit to ensure that it cannot be removed from the tool.
   **Important:** The bit will slide a limited amount when pulled; this is normal.

# 7. Operating Instructions

**Important:** Before using this product, read and understand all the safety instructions listed in this manual. **ALWAYS** ensure that the breaker has been correctly prepared before use.

**Important: ONLY** use this product in a vertical position.

**To operate the breaker:**

1. Move the breaker to the working location **BEFORE** connecting it to the power supply.
2. Connect the plug to a suitable power supply.
3. Taking care not to depress the trigger switch (3), grip both handles of the tool and position the breaker above the target area.
4. Press the bit against the target area at an angle of 90° to the work surface.
5. Squeeze the trigger switch to start the tool and apply steady pressure against the work surface.

For best results, apply steady pressure to the breaker throughout the operation. Let the tool do the work; **DO NOT** use excessive force as this will reduce the effectiveness of the tool.

**Important:** Brace yourself against the impact of the tool against the work surface and maintain a firm grip on the handles. Work for short periods only and take regular breaks to reduce fatigue and exposure to vibrations.

**Important: NEVER** use the tool as a lever to move bits of material.

**Important:** Read and understand all the health and safety information before attempting to maintain or repair this product.

**WARNING! ALWAYS ensure that the trigger is released, the plug is disconnected from the power supply and that the bit has cooled before performing any maintenance or adjustment to this product.**

Other than general care and motor brush maintenance, any servicing on the product should be carried out by authorised service agents **ONLY**.

## 8.1 General Maintenance and Storage

- Keep the tool body, bit socket assembly and bits clean and free from dust or debris.
  - Clean the drill body and bit socket assembly with a damp cloth **ONLY** to prevent dust clogging in and around the opening.
  - Clean each bit with a damp cloth and lightly grease the shaft before inserting it into the tool.

**CAUTION! DO NOT use solvents or other aggressive chemicals to clean the tool as it may damage plastic or insulated parts.**

- Avoid blocking the air vents during use and keep all air vents and openings free from dust and debris.
- Keep all bits sharp to reduce the workload of the tool.
- Store the tool in a clean and dry location, out of reach of children.
- Remove any installed bits when storing the product.

## 8.2 Replacing the Carbon Brush Motors

Over time, the carbon brushes within the motor are worn away. If a heavy blue and white spark can be seen in the motor housing during operation, accompanied by a strong wearing-in smell, the motor brushes have become excessively worn and must be changed.

**CAUTION! DO NOT continue to use the tool if the motor brushes are excessively worn as this may cause permanent damage to the product.**

To replace the motor brushes:

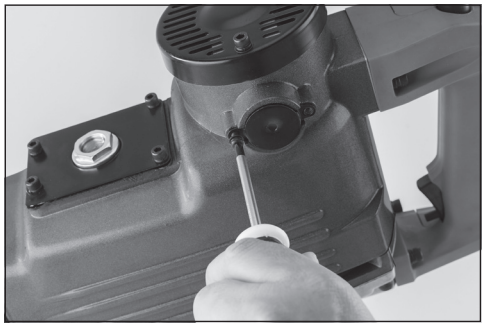


Fig. 10

1. Locate the carbon motor brush round cover and use a cross-head screwdriver (not supplied) to remove the two screws that secure it.

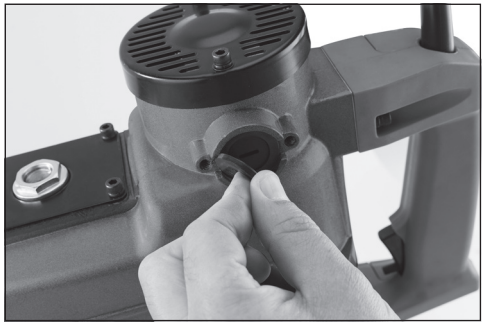


Fig. 11

2. Remove the protective cover from the brush holder.

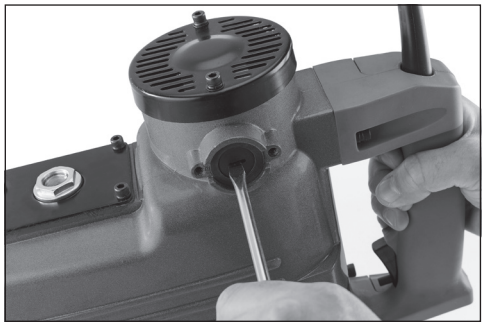


Fig. 12

3. Unscrew the brush holder to release the carbon brush.

# 8. Maintenance and Troubleshooting

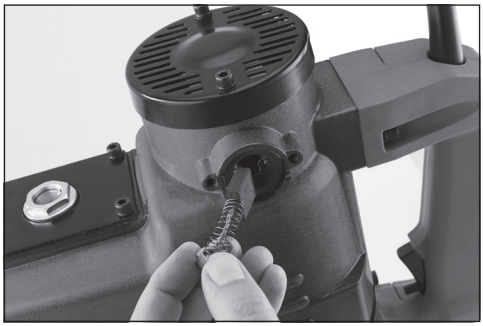


Fig. 13

4. Align and carefully insert a replacement carbon motor brush into the holder.
5. Replace the brush cover and secure in place.

**Important:** The motor may emit a wearing-in smell during first use after new brushes have been installed. This is normal.

## 8.3 Troubleshooting

| Problem | Possible Cause | Remedy |
|---|---|---|
| The motor does not start when the trigger switch is squeezed. | The tool is not connected to an active power supply. | Check the mains power connection. |
| | The power supply does not match the tool rating plate. | Check the rated input of the tool against the power outlet and utilise another more suitable outlet if necessary. |
| | The fuse has blown. | Check the fuse in the plug and replace if necessary. |
| | The motor brushes are worn or binding. | Replace the motor brushes; see **8.2**. |
| Sparking can be seen through the air vents. | The motor brushes are worn. | Replace the motor brushes; see **8.2**. |
| The tool emits a strong smell during first use or after replacing the motor brushes. | The motor brushes are being worn in. | This is normal; no action is required. |

# 9. Warranty

24 months from date of purchase –
Visit **drapertools.com/warranty** for full details

However, if the tools are hired out, the warranty period is 90 days from the date of purchase.

# 10. Spares, Returns and Disposal



For spare parts, servicing, and repair and replacement options, please contact the Draper Tools Product Helpline for details of your nearest authorised agent.

Draper Tools will endeavour to hold any spare parts, if applicable, for seven years from the date that it sells the final matching stock item.

Any servicing or repairs carried out by unauthorised personnel or installation of spare parts not supplied by Draper Tools will invalidate your warranty.

**Important:** For safety, **ALWAYS** drain and clean the product of any oil and other substances before returning it to Draper Tools or its authorised agent. Store these materials in suitable containers and dispose of them in accordance with local regulations. Draper Tools and its agents cannot be responsible for the disposal of these substances.

At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.

- **DO NOT** dispose of this product with domestic waste; most local authorities provide appropriate recycling facilities.
- Dispose of oil separately and in accordance with local regulations; **DO NOT** abandon it in the environment.

# 11. Explanation of Symbols

Read the instruction manual

**Warning!**


Rated input


Max. impact rate


Impact energy


Net weight

Wear suitable eye protection, ear defenders and a dust mask

Wear protective gloves

Class II construction
(Double insulated)

WEEE –

Waste Electrical & Electronic Equipment

Do not dispose of Waste Electrical & Electronic Equipment in with domestic rubbish

Do not abandon in the environment

European conformity


UK Conformity Assessed

## Contact Details

**Draper Tools**
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**Telephone Sales Desk:** +44 (0) 23 8049 4333
**General Enquiries:** +44 (0) 23 8026 6355

Please contact the Draper Tools Product Helpline for repair and servicing enquiries.