

Original Instructions

XDH-040U

REPLACEMENT WARRANTY

12 MONTHS HOME USE

1600W
Demolition
Hammer Kit

INOX



XU1 Power tools

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SAFETY INSTRUCTIONS

 ALWAYS WEAR EYE, FACE AND EAR PROTECTION


When operating the tool

Keep the mains cable away from any moving parts or accessories.

Never cover the ventilation slots in the tool.

Electrical safety

The electric motor has been designed for 230-240V only. Always check that the power supply corresponds to the voltage on the rating plate.

 This tool is double insulated; therefore no earth wire is required.

Using an extension lead








Always use an approved extension lead suitable for the power input of this tool. Before use, inspect the extension lead for signs of damage, wear and ageing. Replace the extension lead if damaged or defective.

When using an extension lead on a reel, always unwind the lead completely. Use of an extension lead not suitable for the power input of the tool or which is damaged or defective may result in a risk of fire and electric shock.

The power supply for this product should be protected by a residual current device (rated at 30mA or less). A residual current device reduces the risk of electric shock.


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.

Description of symbols

	Read instruction manual
	Do not expose to rain
	Wear dust mask
	Wear ear protection
	Wear eye protection
	Warning
	Double insulated
V	Volts
~	Alternating current
/min	Revolutions, reciprocations or strokes per minute
no	No load speed
Hz	Hertz
W	Watts

WARNING! When using mains-powered equipment, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage.

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 all of the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

a) Keep work area clean and well lit. Cluttered and 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 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. Personal 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 tools 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 and in the manner intended for the particular type of power tool, 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) 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.

Demolition Breaker Safety Warnings

 **WARNING!**

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- **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.
- Young children should be supervised to ensure that they do not play with the appliance.
- Always use an approved extension lead suitable for the power input of this tool. Before use, inspect the extension lead for signs of damage, wear and ageing. Replace the extension lead if damaged or defective.
- When using an extension lead on a reel, always unwind the lead completely. Use of an extension lead not suitable for the power input of the tool or which is damaged or defective may result in a risk of fire and electric shock.
- It is recommended that the extension lead is a maximum of 25m in length. Do Not use multiple extension leads.
- Before drilling into walls, ceilings etc, ensure there are no concealed power cables or pipes in the cavity.
- Always use the side handle, this gives you greater control if the accessory should become jammed.
- Keep the cord clear of the accessory being used, do not wrap the cord around your arm or wrist.
- Hold the tool by the insulated gripping surfaces when performing an operation where the accessory may contact hidden wiring or its own cord.
- Use thick cushioned gloves and limit the exposure time by taking frequent breaks.
- Vibration caused by the hammer action may be harmful to your hands and arms.
- When removing an accessory from the tool avoid contact with skin and use proper protective gloves when grasping the bit or accessory. Accessories may be hot after prolonged use.

 **WARNING!**

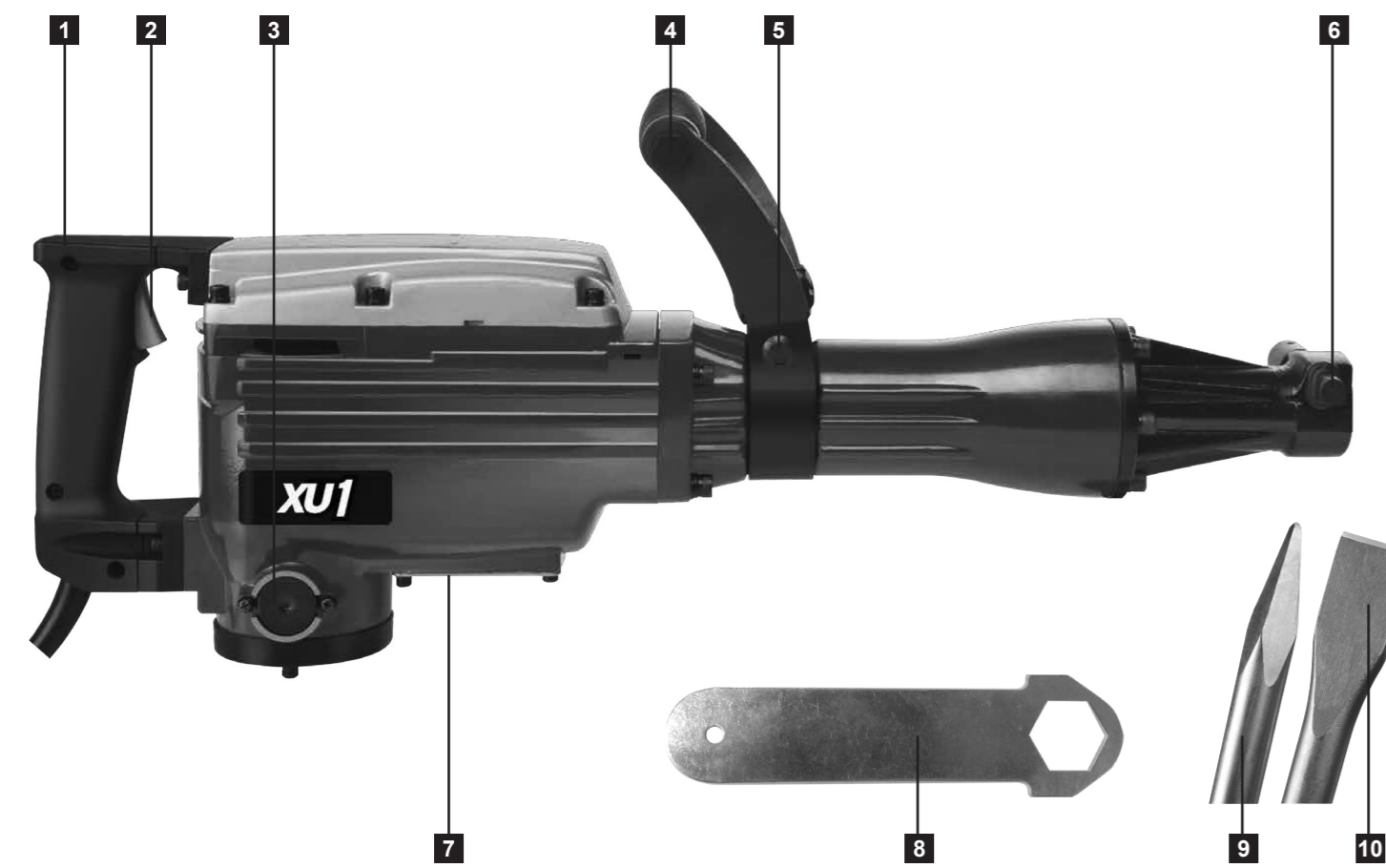
Some dust created by power sanding, sawing, grinding, drilling and other construction activities contain chemicals known to cause cancer, birth defects or other reproductive harm.

Some examples of these chemicals are:

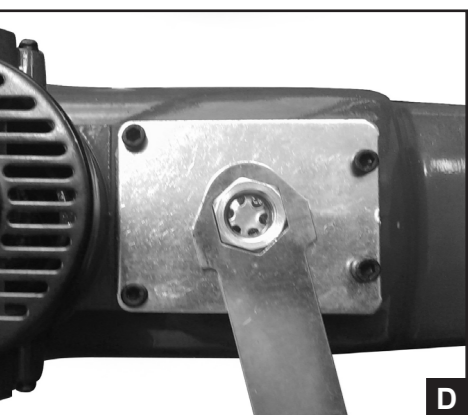
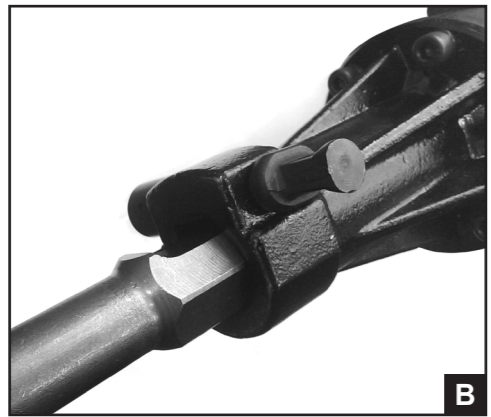
- Lead from lead-based paints;
- Crystalline silica from bricks, cement and other masonry products, and;
- Arsenic and chromium from chemically-treated timber.

The risk from such exposures vary depending on how often you do this type of work. To reduce your exposure to these chemicals; work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specifically designed to filter out microscopic particles.

Always wear eye protection and a dust mask for dusty applications and when drilling/chiselling overhead. Sanding particles can be absorbed by your eyes and inhaled easily and may cause health complications.



- 1. Rear Handle
- 2. On/Off Trigger
- 3. Accessible Brush Covers
- 4. Adjustable Secondary Handle
- 5. Secondary Handle Securing knob
- 6. Accessory Chuck
- 7. Oil View Window
- 8. Spanner
- 9. Pointed Chisel
- 10. Flat Chisel



SPECIFICATIONS

Power:	1600W
Impact Energy:	43 Joules
Impact Rate:	1800 /min
Chuck:	30mm Hex
Noise Level:	105dB
Weight:	14.7kg

USING YOUR DEMOLITION BREAKER

WARNING! Be sure to disconnect the tool from the power supply before fitting or removing accessories.

This tool is intended for use in a DIY (Do It Yourself) context or for hobbyist purposes. It is not built for continuous daily use in a trade or professional capacity.

Before using the machine, carefully read these instructions, especially the safety rules to help ensure that your machine always operates properly.

Before attempting to operate the machine, familiarise yourself with the controls and make sure you know how to stop the machine quickly in an emergency.

Save these instructions and the other documents supplied with this machine for future reference.

WARNING! Ensure the tool is disconnected from the power supply before performing any of the following operations.

Secondary Handle

The secondary handle must be fitted securely before operating the demolition breaker. The handle can be adjusted to suit all users by simply rotating into the desired orientation.

- Loosen the secondary handle securing knob by rotating anti-clockwise.
- Rotate the handle into the desired position.
- Tighten the secondary handle securing knob to secure in position. **FIG. A**

Fitting Accessories

IMPORTANT! Always lubricate the accessory fitment prior to inserting. Using your finger apply grease sparingly to the shaft of the accessory.

- Pull the accessory chuck bolt out as far as possible then rotate 180 degrees and release.
- Insert the accessory into the chuck. **FIG. B**
- Pull the accessory chuck bolt out and rotate 180 degrees to secure the accessory
- Ensure the accessory is secure by trying to pull it out. Note: The accessory should slide in the chuck but not be able to be removed.

OPERATION

WARNING! The power supply for this product should be protected by a residual current device (rated at 30mA or less).

On/Off Switch

- To turn the demolition breaker on, squeeze the on/off switch. **FIG. C**
- To turn the tool off, release the on/off switch.

WARNING! After use, hold the tool away from your body until the demolition breaker stops completely. This may help to prevent serious injury.

Using the Demolition Breaker

For best penetration rates in concrete, run the demolition breaker with a steady pressure, but do not use excessive force as this will decrease the efficiency of the tool.

- Ensure the accessory and secondary handle are secure.
- Position the tip of the tool in the desired starting position.
- Ensure you have a stable stance and hold the tool firmly with both hands.
- Press the on/off trigger to begin operation.
- Apply steady pressure to allow the tool to break through the material.
- Once the tool has completed the first pass through the material, reposition and repeat.

IMPORTANT! Do not use the flat chisel as a "pry bar" as this will damage the flat chisel and potentially the demolition breaker. Such damage will void your warranty.

MAINTENANCE

WARNING! Ensure the tool is disconnected from the power supply before performing any of the following operations.

Keep the ventilation slots of the demolition breaker clean at all times. If possible prevent foreign matter from entering the vents.

After each use, blow air through the tool housing to ensure it is free from all dust particles that may build up.

CAUTION: Excessive build-up of dust particles may cause the demolition breaker to overheat and fail. If the enclosure of the tool requires cleaning, use a soft, moist cloth only. Do not use solvents.

CAUTION: Never immerse any part of the tool in liquid.

Carbon brushes will wear out after many uses, causing the tool to spark and/or stop. The brushes are a wearing component of the demolition breaker and should be replaced prior to the carbon wearing out completely. Take the tool to a suitably qualified electrician or power tool repairer for replacement. Always replace both brushes at the same time.

Note: XU1 will not be responsible for any damage or injuries caused by the repair of the tool by an unauthorised person or by mishandling of the tool.

Checking the Oil Level

The oil level should be checked before each use.

- Lay the tool on its side with the base facing you.
- Inspect the oil view window. The level should be half way up the view window.
- If the level is lower than this then you must add more oil following the procedure below.

Adding Oil

The oil tank is approximately 45ml therefore you should add oil in small amounts.

Recommended Oil: SAE 15W/40 or an alternative of the same quality.

- Lay the tool upside down so that the view window is facing up.
- Unscrew the view window anti-clockwise using the supplied spanner. **FIG. D**
- Add a small amount of oil through the view window hole.
- Screw the view window back in and tighten using the supplied spanner in a clockwise direction.
- Recheck the oil level and repeat this process if necessary.

TROUBLESHOOTING

Symptom	Solution
Not chiselling or low breaking power	Tool temperature is low Accessories not lubricated Refer to insert of Cold Hammering (below) on how to resolve this issue
Accessory is jammed/stuck in concrete during use	Release the accessory locking mechanism, allowing the demolition breaker to be separated from the accessory. The accessory should be easily removed from the concrete once it is detached from the demolition hammer.
Accessory repeatedly becomes stuck while in use	Free the accessory as described above. Refrain from penetrating too deeply with the chisel bit, as it is prone to becoming stuck when demolishing large pieces of concrete.
A small amount of sparking is visible through the housing air vents	This is normal and does not indicate a problem.
Excessive sparking is visible through the housing air vents and/or the demolition breaker is failing to operate	This may indicate the carbon brushes have worn out and need to be replaced. Carbon brushes should only be replaced by a qualified electrician or power tool repairer.

Cold Hammering

If the demolition hammer is stored for long periods of time at cold temperatures, the lubrication may become stiff and the demolition hammer may not hammer initially or the hammering may be weak.

Should this occur, insert an accessory into the demolition hammer, turn the demolition hammer on and apply the end of the accessory against a scrap piece of concrete or timber. Turn the demolition hammer on and off every few seconds. After 15 seconds to 2 minutes, the demolition hammer should have started to hammer normally. The colder the demolition hammer, the longer it may take to warm up and function like normal.

Note: Always wait until the accessory has stopped moving before putting down the demolition hammer.

WARRANTY

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that your device develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the customer service number shown. Please note the following terms under which guarantee claims can be made:

- These warranty terms regulate additional warranty services, which the manufacturer mentioned below promises to buyers of its new products in addition to their statutory guarantee claims are not affected by this guarantee. Our guarantee is free of charge to you.
- The warranty services only covers defects due to material or manufacturing faults on a product which you have bought from the manufacturer mentioned below are limited to either the rectification of said defects on the product or the replacement of the product, whichever we prefer. Please note that our devices are not designed for use in commercial, trade or professional applications. A guarantee contract will not be created if the device has been used by commercial, trade or industrial business or has been exposed to similar stresses during the guarantee period.
- The following are not covered by our guarantee:
 - Damage to the device caused by a failure to follow the assembly instructions or due to incorrect installation, a failure to follow the operating instructions (for example connecting it to an incorrect mains voltage or current type) or a failure to follow the maintenance and safety instructions or by exposing the device to abnormal environmental conditions or by lack of care and maintenance.
 - Damage to the device caused by abuse or incorrect use (for example overloading the device or the use of unapproved tools or accessories), ingress of foreign bodies into the device (such as sand, stones or dust, transport damage), the use of force or damage caused by external forces (for example by dropping it).
 - Damage to the device or parts of the device caused by normal or natural wear or tear or by normal use of the device.

4. Your Product is guaranteed for a period of 12 months from the original date of purchase and is intended for DIY (Do It Yourself) use only. Warranty excludes consumable parts, for example: drill and chisel bits. Guarantee claims should be submitted before the end of the guarantee period within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period. The original guarantee period remains applicable to the device even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period, and no new guarantee will become active for the work performed or parts fitted. This also applies if an on-site service is used.

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO THE PLACE OF PURCHASE WITH YOUR REGISTER RECEIPT.

Please refer to the restrictions of this warranty concerning wearing parts, consumables and missing parts as set out in the service information in these operating instructions.

CUSTOMER SERVICE HELPLINE
GB: 0151 294 4488 / IRL: 1850 882711

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