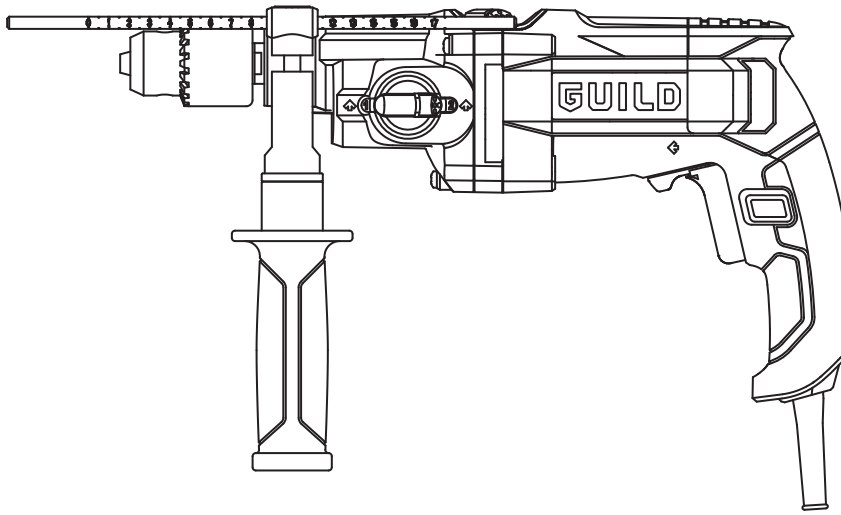
GUILD
1050W 2-Speed Hammer Drill

Instruction Manual **PDI105GH**



GUILD

After Sales Support

UK/Ireland 0333 3201989
Help@guildpowertools.co.uk

Important - Please read these instructions fully before operating or maintaining your Guild hammer drill

These instructions contain important information that will help you get the best from your Guild hammer drill, ensuring it remains safe to operate.
If you need help or have damaged or missing parts, call the Customer Helpline on 0333 3201989

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Safety Information

Important - Please read these instructions fully before starting assembly

Warning Symbols

The following warning symbols appear throughout this assembly manual and indicate the appropriate safety measures you should take when assembling and operating the hammer drill.



To reduce the risk of injury, Please read the instruction manual



Warning



Wear ear protection



Wear eye protection



Wear dust mask



Double insulation



Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

⚠Safety Information

Important - Please read these instructions fully before starting assembly

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 mains-operated (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.

⚠Safety Information

Important - Please read these instructions fully before starting assembly

General Power Tool Safety Warnings

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) 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.

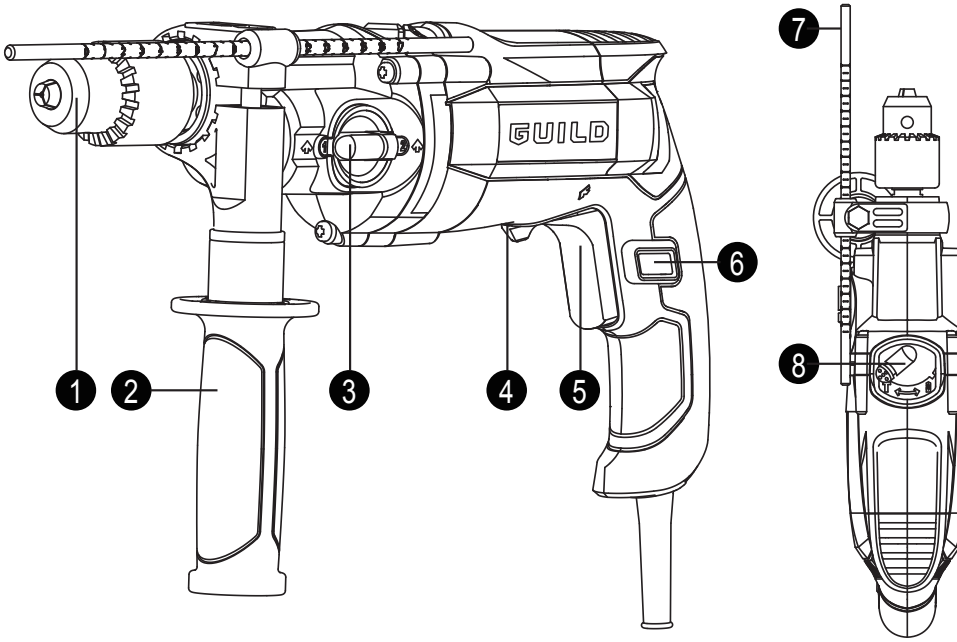
Hand drill safety instructions

1. **Wear ear protectors when 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 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.

In The Box

Parts

1. Keyed Chuck
2. Auxiliary Handle
3. Gear Box Switch
4. Forward and Reverse Rotation Control
5. On/Off Switch
6. Switch Lock-On Button
7. Depth Gauge
8. Hammer or Drill Selector
9. Chuck Key (SEE FIG C)



Accessories

Auxiliary handle	1pc
Depth gauge	1pc
Chuck key	1pc
Masonry drill bit (6mm)	1pc
Masonry drill bit (7mm)	1pc
Masonry drill bit (8mm)	1pc

Customer Helpline **0333 3201989**

Operating Instructions

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

Intended Use

This tool is intended for impact drilling in brick, concrete and stone as well as for drilling in wood, metal and plastic.

1. AUXILIARY HANDLE (SEE FIG A1, A2)

Slide the handle onto the drill and rotate to the desired working position. Make sure that the teeth on the grip fit into the protrusions on the handle collar. To clamp the auxiliary handle, rotate the handgrip clockwise. To loosen the auxiliary handle, rotate the hand grip anti-clockwise.

Always use the auxiliary handle.

WARNING! Always check and rotate the handle tightly before using to avoid any accident.

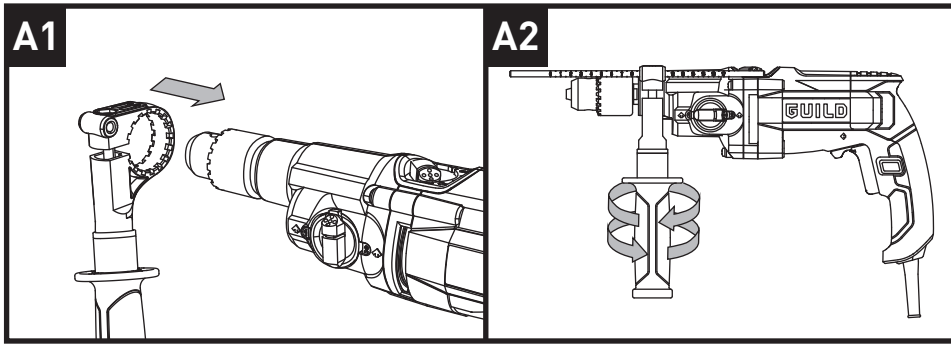
2. INSTALLING THE DEPTH GAUGE (SEE FIG B)

The depth gauge can be used to set a constant depth to drill. To use the depth gauge, loosen the handle by rotating the bottom section of handle anti-clockwise. Insert the depth gauge through hole in handle. Slide the depth gauge to required depth and tighten fully.

3. INSERTING A DRILL BIT INTO CHUCK (SEE FIG C)

WARNING: Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.

Remove chuck key from key storage tab at base of drill handle, then place key into chuck, turn key anti-clockwise to undo/loosen chuck, inset drill/tool and firmly tighten chuck by turning key clockwise. For optimal performance, tighten each point on chuck. Remove key and replace in storage tab at base of drill handle (See Fig C).



4. HAMMER OR DRILLING CHANGE (SEE FIG D)

When drilling masonry and concrete choose the hammer position" T " . When drilling wood, metal, plastic choose the drill position " ".

To change between the hammer and drilling selection positions you must push the locking button in before rotating the selector to the chosen position, ensuring that the button springs back out to lock the selector when the chosen position is reached.

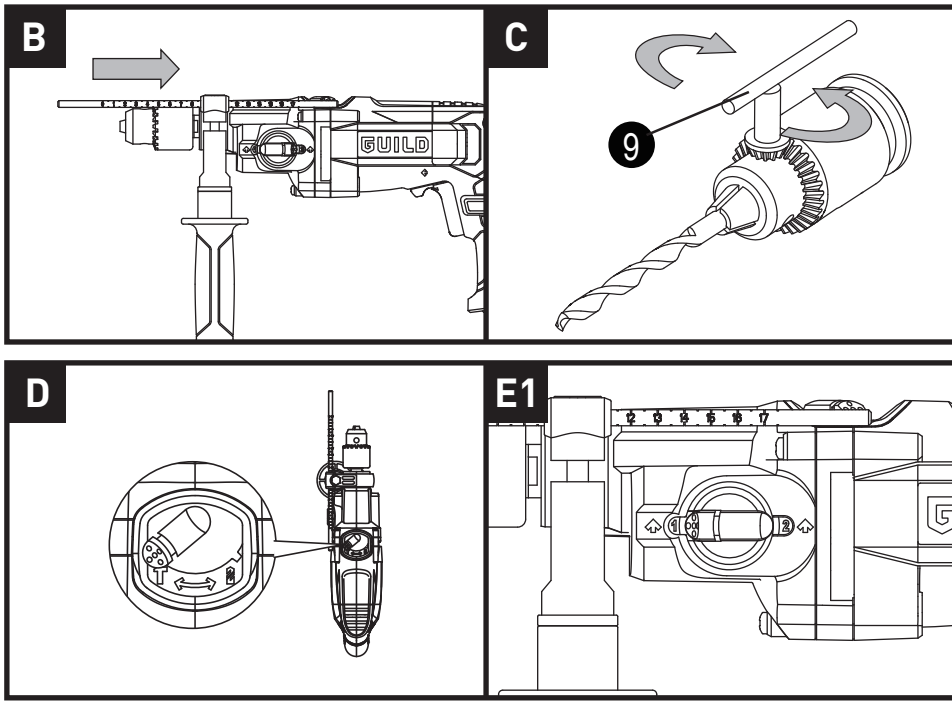
5. 2 SPEED GEARBOX CHANGE (SEE FIG E1, E2)

Choose position 1 (SEE FIG E1) for high torque/low speed range for large diameter drill bits and screw driving. Choose position 2 (SEE FIG E2) for low torque/ High-speed range for small diameter drill bits.

If the gears do not engage easily then rotate the chuck by hand to align the gears.

Never change the gears when the tool is rotating, wait until it has stopped.

The on/off switch is also a variable speed switch that delivers higher speed and torque with increased trigger pressure. Speed is controlled by the amount of switch trigger depression.

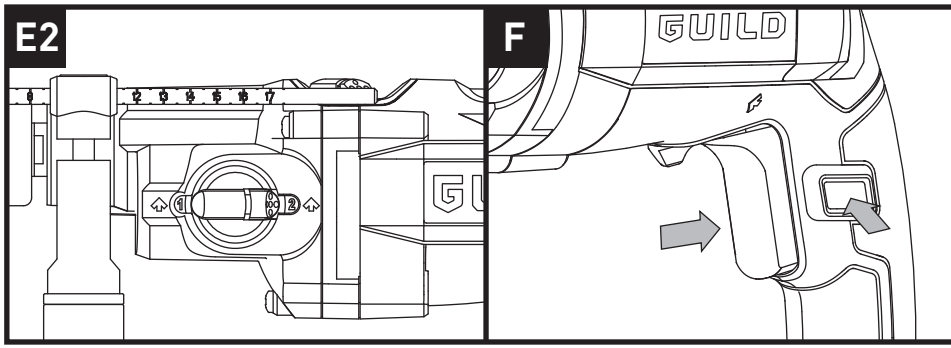


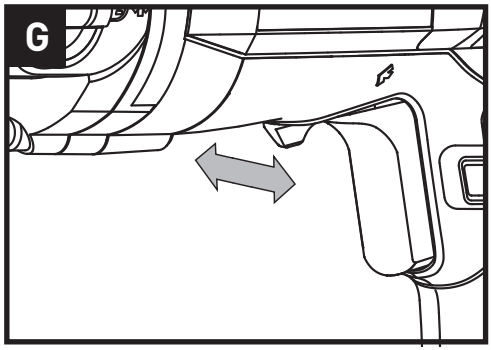
6. ON/OFF SWITCH
Depress the switch to start the tool and release it to stop your tool.

7. SWITCH LOCK-ON BUTTON (SEE FIG F)
Depress on/off switch (5) then lock on button (6), release on/off switch first and lock-on button second. Your switch is now locked on for continuous use. To switch off your tool just depress and release the on/off switch.

8. FORWARD AND REVERSE ROTATION CONTROL (SEE FIG G)
For drilling, use forward rotation marked " ← " (lever is moved to the left). Only use reverse rotation marked " → " (lever is moved to the right) to remove screws or release a jammed drill bit.
Never change the direction of rotation when the tool is rotating, wait until it has stopped.

9. VARIABLE SPEED CONTROL
The on/off switch is also a variable speed switch that delivers higher speed and torque with increased trigger pressure. Speed is controlled by the amount of switch trigger depression.





Working Hints For Your Hammer Drill

1. Drilling masonry and concrete

Select the drill/impact action selector switch to the "hammer symbol" position. Tungsten carbide drill bits should always be used for drilling masonry, concrete etc with a high speed.

2. Drilling steel

Select the drill/impact action selector switch to the "drill symbol" position. HSS drill bits should always be used for drilling steel with a lower speed.

3. Pilot holes

When drilling a large hole in tough material (i.e. steel), we recommend drilling a small pilot hole first before using a large drill bit.

4. Drilling tiles

Select the drill/impact action selector switch to the "drill symbol" position to drill the tile. When tile has been penetrated, switch over to "hammer symbol" position.

5. Cool the motor

If your power tool becomes too hot, set the speed to maximum and run no load for 2-3 minutes to cool the motor.

Maintenance

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

Your power tool requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool.

Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth.

Always store your power tool in a dry place. Keep the motor ventilation slots clean.

Keep all working controls free of dust.

Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

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.

Trouble Shooting

1. If your power tool does not start, check the plug on the power supply first.
2. If the drill doesn't work properly, check the drill bit for sharpness, replace drill bit if worn. Check that the drill is set to forward rotation for normal use.
3. If a fault can not be rectified, return the tool to an authorized dealer for repair.

Technical Data

Technical Data Table

Rated Voltage	230V-240V~50Hz
Rated power	1050W
Rated No load speed	
Gear 1	0-1500 /min
Gear 2	0 - 3000 /min
Rated Impact rate	
Gear 1	0-24000bpm
Gear 2	0-48000bpm
Protection Class	⧈/II
Chuck capacity max.	13mm
Drilling capacity max	
Steel	13mm
Masonry	20mm
Wood	40mm
Machine weight	3.04 Kg

Noise Information

A weighted sound pressure — L_{pA} : 93B(A)
A weighted sound power — L_{wA} : 104dB(A)
K_{pA} & K_{wA}=3dB(A)

Wear ear protection 

Vibration Information

Vibration total values (triax vector sum) determined according to EN 60745:	
Impact drilling into concrete	Vibration emission value a_h = 6.92 m/s²
	Uncertainty K =1.5m/s²
Drilling into metal	Vibration emission value a_h = 2.54 m/s²
	Uncertainty K =1.5m/s²

The declared vibration total value may be used for comparing one tool with another, and 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:

Technical Data

Vibration Information

How the tool is used and the materials being cut or drilled.
The tool being in good condition and well maintained
To use the correct accessory for the tool and ensure it is sharp and in good condition.
The tightness of the grip on the handles and if any anti vibration accessories are used.
And the tool is being used as intended by its design and these instructions.

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

WARNING: To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.
Helping to minimize 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).
If the tool is to be used regularly then invest in anti vibration accessories.
Avoid using tools in temperatures of 100C or less.
Plan your work schedule to spread any high vibration tool use across a number of days.

Environmental Protection



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.

Guarantee

This product is selected for DOMESTIC USE ONLY and not for business use.
This product is guaranteed against manufacturing defects for a period of 24 months. This does not cover the product where the fault is due to misuse, abuse, use in contravention of the instructions, or where the product has been the subject of unauthorised modifications or alterations, or has been the subject of commercial use. In the event of a problem with the product within the guarantee period please return it to your nearest store. If the item is shown to have an inherent defect present at the time of sale, the store will provide you with a replacement. Your statutory rights remain unaffected.

Issue1 08/2015

Declaration of Conformity

This Guild 1050W 2-Speed Hammer Drill model number PDI105GH fully complies with the Machinery Directive 2006/42/EC, Electromagnetic Compatibility Directive 2004/108/EC(before 2016/04/20) and 2014/30/EC(since 2016/04/20), RoHS Directive 2011/65/EU and the following harmonized EU standards
EN 60745-2-1:2010
EN 60745-1: 2009 + A11: 2010
EN 55014-1: 2006 + A1:2009 + A2:2011
EN 55014-2: 1997 + A1:2001 + A2:2008
EN 61000-3-2: 2014
EN 61000-3-3: 2013
This declaration is made under the sole responsibility of Argos Ltd, 489/499 Avebury Boulevard, Milton Keynes, MK9 2NW

Category Technical Manager
Issued 20/10/2015

signed Jake Wong

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 colored in accordance with the following code:

Blue – Neutral

Brown – Live

As the colors 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 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.

