

DRAPER

EN

Original Instructions
Version 1 - November 2025

51.7CC PETROL
**EARTH
AUGER**

30278



**UK
CA** **CE**

1. Preface

These are the original product instructions. Read the instruction manual in full and retain for future reference.

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

1.1 Product Reference

User Manual for: 51.7CC Petrol Earth Auger

Stock No: 30278

Part No: DTP11

1.2 Revisions

Version 1: November 2025

First release

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

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3.1 Intended Use

This Earth Auger is designed to bore cylindrical holes into soil for the purposes of fencing, bore holes and planting hedges and saplings. This kit includes auger bits of 100mm, 150mm and 200mm in diameter.

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.	30278
Part No.	DTP11
Engine:	
Type:	2 Stroke air cooled
Power output:	1.45KW
Displacement:	51.7cc
Speed at idle:	3,000 +/-300rpm
Clutch engagement speed:	4,500rpm
Max. speed:	11,000rpm
Fuel:	
Tank capacity:	1litre
Petrol/Oil Mix:	*E10 Petrol/2 Stroke Oil (JASO FC minimum)
Mix ratio:	40:1
Fuel consumption at Max:	930g/hour
Auger Bits:	
Diameter:	100mm, 150mm, 200mm
Length:	800mm
Noise emissions:	
Sound pressure level:	91.3dB (A)
Sound power level:	108dB (A)
Uncertainty:	3dB (A)
Guaranteed sound power level:	110dB (A)
Vibration level:	
Uncertainty (K):	1.5m/s ²
Net weight (with bit):	12.5kg

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.

*Draper Tools recommends using an additive or stabiliser with E10 petrol so the fuel can be safely stored in the fuel tank for longer.



WARNING! The vibration and noise emissions during actual use of the product can differ from the declared values depending on the type of work and the area 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 Health and Safety Precautions

- **ONLY** personnel who have read and understood this manual in full and are familiar with the operation, safe working techniques and safety features of this machine may operate, adjust or maintain this product.
- **DO NOT** allow anyone who is unfamiliar with this product or unqualified in its use to operate this machine.
- This machine is not intended for use by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge unless they have been given supervision or instruction in its use by a person responsible for their safety.
- Keep this product out of reach of children at all times.
- Observe all standard safety precautions and good practices when working with machines and mechanical drilling tools in an outdoor environment.
- Keep in mind that the operator is responsible for accidents or hazards occurring to other people or their property while using this machine.
- **DO NOT** modify this product in any way and **ONLY** use spare parts supplied by Draper Tools.
- Use this product only in the manner described in this manual.
- **ONLY** use this product with the attachments and accessories supplied.
 - **NEVER** use this machine with any other tools or accessories attached.
- Use this product only in exterior and well-ventilated environments.
- Keep your work environment clear and well-lit, with bystanders at a safe distance.
 - Work **ONLY** in daylight or good artificial light.
 - **NEVER** work while children or pets are nearby.
- Before every use, inspect the product and all accessories for broken, cracked, loose or corroded parts and leakages.
- **Important: DO NOT** use this product if it is damaged or leaking in any way. Contact Draper Tools to discuss repair and replacement options.
- **DO NOT** use damaged or worn bits.
- **DO NOT** use this product if you suspect that it has been subjected to sharp knocks or it has been dropped.
- Ensure that all safety features are in good working order before **EVERY** use.
 - **DO NOT** use this product if any of the safety features are missing or faulty, or the machine cannot be switched on and off using the ignition switch.
 - **DO NOT** tamper with or disable any of the safety systems employed by the machine.
 - **ALWAYS** ensure that all safety labels are visible before use.
- **DO NOT** operate this machine if you are tired or under the influence of alcohol, drugs or other medication.
- Be aware of your surroundings and stay alert to any hazards that may arise that are concealed by the noise of the machine.
- **ALWAYS** ensure that the machine is positioned safely and is unobstructed when starting the engine.
- Keep a firm and secure grip on both handles during use.
 - Grip the machine by the designated insulated areas **ONLY**, as the bit blades may come into contact with live wires, which may cause an electric shock.
 - Keep all handles dry and free from grease or other substances that may cause you to lose control of the machine.
- Keep hands, feet and other body parts away from moving parts at all times.
- **DO NOT** overreach and maintain good balance while using.
- **DO NOT** touch the engine or exhaust during or immediately after use.
- **DO NOT** leave the machine running unattended under any circumstances.
- **DO NOT** refuel the machine while it is running.
- Unless an emergency occurs, reduce the throttle during engine shut down before turning off the ignition switch.
- Maintain the machine appropriately and correctly to prevent damage to moving parts and mechanisms.
 - Keep all attachments and fixings tight to ensure the machine is in a safe working condition.
 - Replace worn or damaged parts immediately.
 - Replace faulty silencers.
 - Keep air vents free from dust and debris.
 - **ONLY** have the machine serviced by authorised and suitably qualified personnel.

- Remove all adjustment tools before use.
- **DO NOT** immerse this product in water or subject it to wet conditions.
- **DO NOT** expose this product to frost.
- **ALWAYS** switch off the product, disconnect the spark plug cover and allow the machine to completely stop and cool before performing any adjustment, maintenance or other inspection or transporting the machine.
- Allow the engine to cool before storing it.
- Identify and remove any obstructions or objects in the intended path of the machine that might be thrown into the air during operation.
- Operate this tool **ONLY** on flat, level ground.
- **NEVER** operate this machine on sloped ground.
- **NEVER** operate this machine above shoulder height or on a platform or ladder.
- Start the engine carefully, only when the required bit has been installed and the machine is in the correct operating position.
- Before **EVERY** use, test that the bit does **NOT** rotate while the engine is idling.
 - If the bit operates while the engine is idling, contact Draper Tools for support.
- If the tool vibrates abnormally during use, immediately stop the engine, allow it to cool and investigate the cause. **DO NOT** use the machine until the issue has been resolved.
- **DO NOT** allow soil to accumulate on the auger bit blade as this will obstruct the ejection of soil from the hole and may cause the tool to operate heavily.
- To reduce the risks associated with prolonged exposure to vibrations through the handles, avoid operating the machine for longer than necessary and **DO NOT** use excessive engine speeds.
- **DO NOT** operate the engine in confined spaces where dangerous carbon monoxide fumes can collect.
- **NEVER** transport the machine between positions with the auger bit in motion.
- **NEVER** drain the fuel tank inside.
- Ensure all appropriate safety precautions are observed when transporting the machine:
 - Remove the bit from the machine before transporting it.
 - When transporting the product by hand, maintain a firm grip on both handles and keep the machine steady.
 - When transporting the product in a vehicle, lay the tool and accessories flat and strap them securely in place.

4.2 Additional Health and Safety Information for this Earth Auger

- This product is suitable for drilling into soil **ONLY**.
- **NEVER** attempt to drill into any other materials using this machine.
- Wear appropriate personal protective equipment:
 - Wear a protective safety helmet to protect from projectile debris and falling materials.
 - Wear safety goggles or a face shield to protect against projectile debris.
 - Wear noise-reductive ear defenders.
 - Wear protective gloves.
 - Wear protective knee shields.
 - Wear slip-resistant protective footwear.
- In addition to personal protective equipment, dress appropriately for the work:
 - Wear durable, close-fitting clothing that will not get tangled or caught in moving parts.
 - Wear substantial full-length trousers and long sleeves.
 - Keep long hair tied back and remove any long or loose items of jewellery before use.
 - **DO NOT** operate this machine while barefoot or wearing sandals.
- Operating this machine is physically demanding; maintain good posture and balance while operating and take regular breaks to prevent injury from strain or fatigue.
- **NEVER** work alone; always work in earshot of someone who can come to your aid in the event of an emergency.
- Thoroughly inspect the area where the machine is to be used before operation.
 - Identify any hidden objects such as wires or power cables that may cause injury or damage if severed by the machine.
- **Important:** Drain all fuel and oil from the product before transporting it in a vehicle and ensure that all reservoir caps are tightly sealed. Keep the transportation unit well-ventilated.
- **Important: ALWAYS** ensure that the machine is switched off and the spark plug cover is disconnected during transportation.

Important: To prevent injury, **ALWAYS** mark and secure holes after operation so that they are easily visible.

4.3 Health and Safety Information for using Fuel



WARNING! During use, parts of this product become hot enough to ignite some materials.

- **DO NOT** touch the engine or exhaust during or immediately after use and allow it to cool before refuelling.
- **NEVER** remove the fuel cap while the engine is running or immediately after use.
 - Take care when opening the fuel cap after use as hot vapour may be released from the opening.
- **NEVER** place objects on the engine while it is in use and keep all air vents clear of dust, dirt and other obstructions.
- Faulty exhausts must be replaced.
- **NEVER** store the machine with fuel in the tank inside any structure where petrol fumes could reach an open flame or spark.
- To reduce the risk of fire, keep the engine, exhaust and petrol storage area free from vegetation and excessive grease.



WARNING! Petrol is highly flammable:

- Store fuel in containers specifically designed for this purpose.
- **NEVER** use this product in environments where there is a risk of explosion.
- **NEVER** smoke in the vicinity of the machine.
- Refuel outdoors only and do not smoke while refuelling.
- Add fuel before starting the engine; never remove the cap of the fuel tank or add petrol while the engine is running or when the engine is hot.
- **NEVER** start the engine if you can smell petrol vapour in the air.
- If petrol is spilled, do not attempt to start the engine but move the machine away from the area of spillage and avoid creating any source of ignition until petrol vapours have dissipated.
- Replace all fuel tank and container caps securely.



WARNING! Fuels are toxic, they contain substances that have an immediate toxic effect and may cause permanent damage to your health.

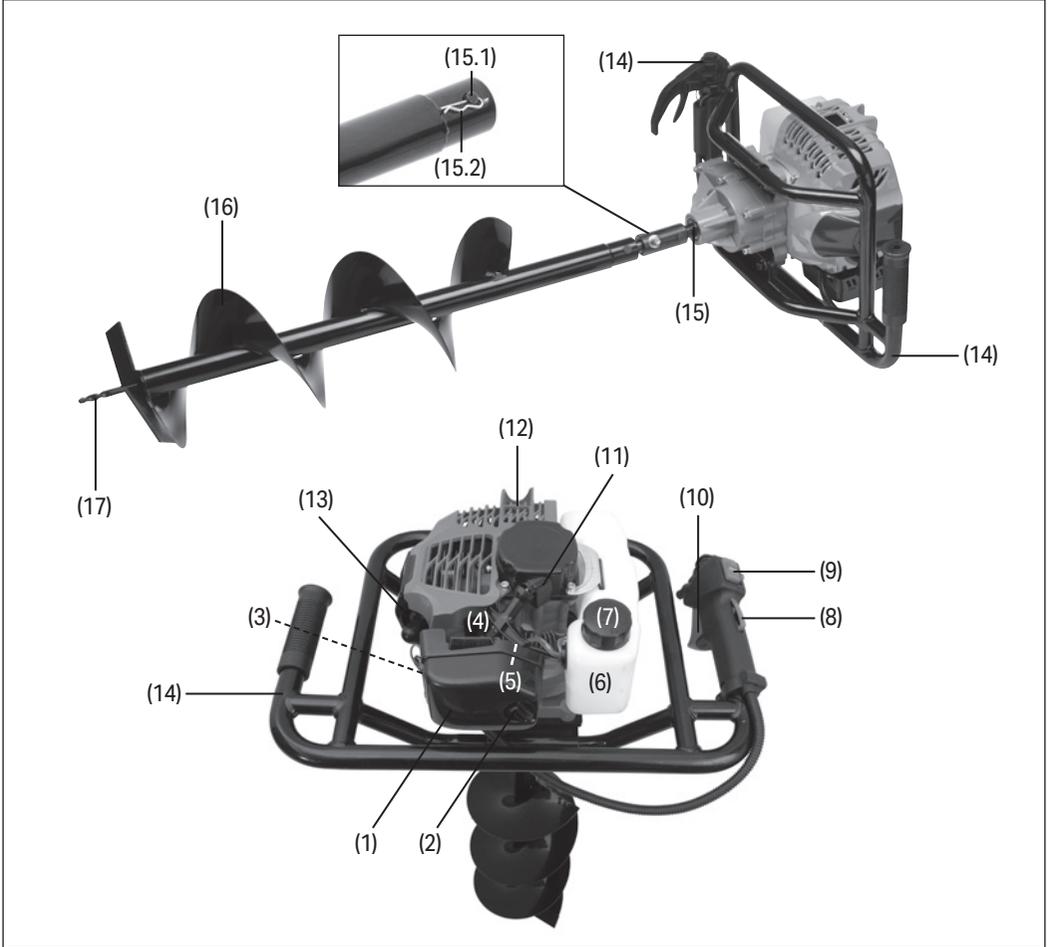
- **DO NOT** inhale fuel fumes.
- **NEVER** start the engine in a closed or poorly ventilated area.

Important: E10 petrol is hygroscopic and attracts moisture. Draper Tools recommends using an additive or stabiliser with E10 petrol to extend the period that it can be safely stored in the fuel tank. **ALWAYS** read the label of any additive or stabiliser applied.

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.

5.1 Product Overview

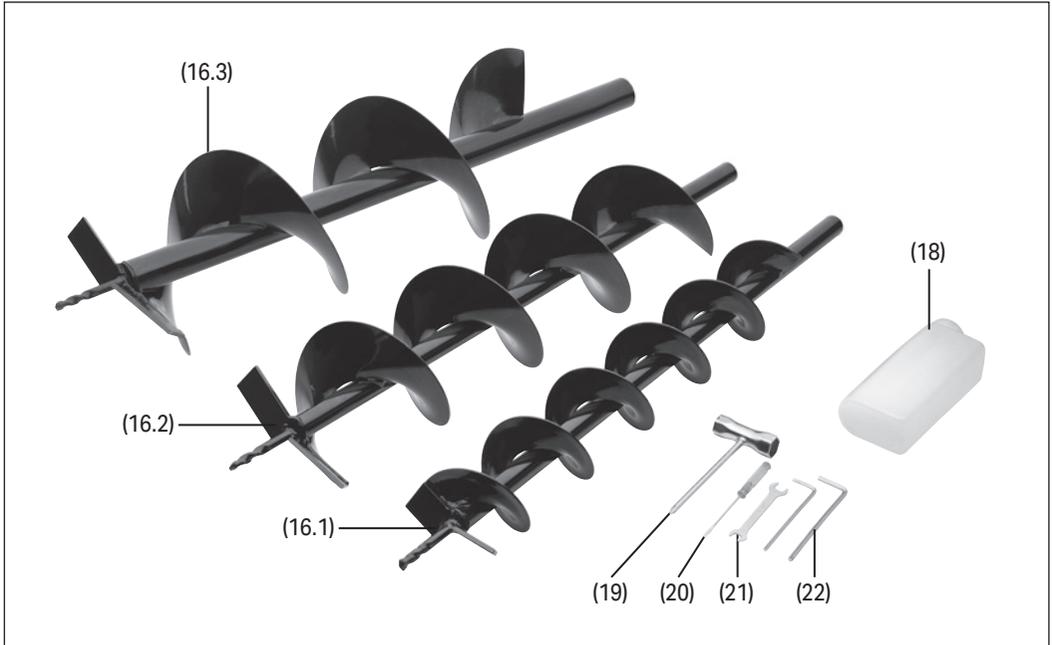


- | | |
|---------------------------------------|---------------------------------|
| (1) Air filter cover | (11) Recoil starter handle |
| (2) Air filter cover lock | (12) Exhaust |
| (3) Carburettor | (13) Spark plug cover (HT lead) |
| (4) Choke lever | (14) Handle bars |
| (5) Fuel primer (behind air filter) | (15) Drive shaft |
| (6) Fuel tank | (15.1) Connector pin |
| (7) Fuel cap | (15.2) R-clip |
| (8) Throttle safety release lever | (16) Auger bit |
| (9) Ignition Start/Stop Switch | (17) Pilot drill |
| (10) Throttle lever | |

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.



(16) Auger Bits

(16.1) 100mm Auger bit

(16.2) 150mm Auger bit

(16.3) 200mm Auger bit

(18) Fuel mixing bottle

(19) Spark plug spanner

(20) Screwdriver (No.2/3.5mm)

(21) 1 X Opened end spanner (8mm/10mm)

(22) 2 X Hex keys (4mm, 5mm)

5.3 Packaging

Keep the product packaging for the duration of the warranty period in case the product needs 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.

Important: Before preparing or adjusting this product, read and understand all the safety instructions listed in this manual.

6.1 Fitting an Auger Bit (Fig.1 – Fig.2)

Important: DO NOT connect any auger bit to this machine that has not been supplied with this product. Other auger bits may be unsuitable for the engine or fit incorrectly and result in injury or cause damage to the machine.

 **WARNING! NEVER use an auger bit if the R-clip or connector pin is missing, damaged or significantly corroded.**

1. Place the machine on a suitable flat surface.
2. Remove the connector pin (15.1) and the R-clip (15.2) from the drive shaft (15) and put to one side.

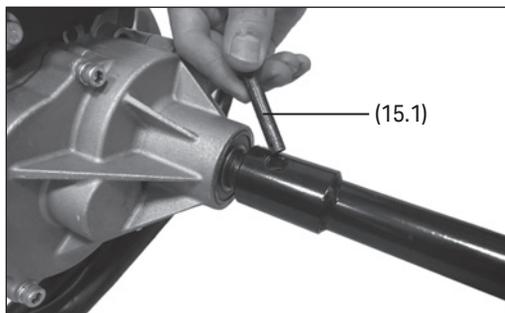


Fig.1

3. Align and fit the required auger bit (16) onto the drive shaft (15).

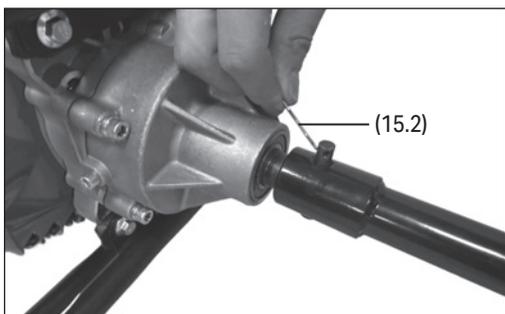


Fig.2

4. Pass the connector pin (15.1) through the mounting hole and secure with the R-pin (15.2).
- Remove the protective covers from the pilot drills (17) before use.

6.2 Fuelling the Auger (Fig.3)

This machine is powered by an engine which must be filled with unleaded fuel mixed with two-stroke oil. Incorrect mixing of the oil and fuel can result in running problems or engine failure. Products returned under warranty that have failed due to a lack of lubricant will be considered a chargeable repair.

 **CAUTION! This machine is shipped WITHOUT fuel. Check the fuel level before EVERY use and top up as appropriate. NEVER attempt to run the engine on an empty fuel tank.**

Important: This product must be used with high-quality unleaded fuel **ONLY. ALWAYS** use automotive petrol and oil suitable for two-stroke engines (JASO FC minimum). **DO NOT** mix fuel and oil. E10 (95 RON) automotive fuel, with an appropriate additive or stabiliser, is recommended for use with this product. Damage caused by failure to add fuel or using the incorrect or poor-quality fuel is not covered by your warranty.

- Fuel quality degrades rapidly. Avoid storing the fuel and only mix as required. Using fuel that has degraded will cause starting/running problems.
- E10 petrol should be used within 30 days of purchase.



Fig.3

1. Ensure the Auger is switched off and cooled down before adding fuel. Place on a stable level surface.
2. Open the fuel cap (7) by turning it anticlockwise.
3. Combine the unleaded fuel and 2-stroke oil to create a 40:1 mixture using the mixing bottle (18) supplied.
 - **Example: Add 25ml of 2-stroke oil into 1 litre of unleaded fuel. Shake well to produce a 40:1 mix.**
4. Carefully pour the mixture into the fuel tank (6) – taking care not to spill any of the mix. Keep a cloth to hand to clean away any residues or spilt fuel.
5. Replace the fuel cap ensuring it is seated correctly before tightening. If the threads become crossed it will damage the tank and may result in fuel leaking out during use.

Important: Before operating this product, read and understand all the safety instructions listed in this manual. Ensure that the product is fully assembled and correctly prepared for use.

-  **WARNING!**
 - **DO NOT** start the machine until the auger bit has been fitted securely.
 - **ALWAYS** operate this machine with both hands (one on each handle).
 - **DO NOT** attempt to start the engine until an appropriate mix of fuel and oil has been added.
- Ensure the auger bit (16) is not touching the ground or any other objects when starting the product.

7.1 Starting the Engine (Fig.4 – Fig.8)

Important: DO NOT start the machine until it is in its operating position at the location to be drilled.

- **NEVER** travel with the machine switched on.

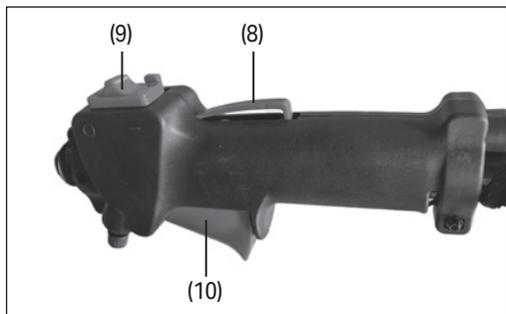


Fig.4

1. Move the **Ignition** switch (9) to the **'ON/I'** position.

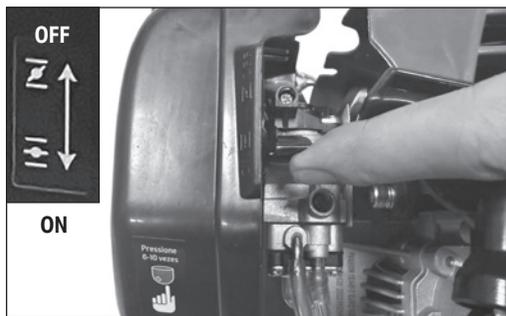


Fig.5

2. Move the choke lever (4) to the **'OFF'** position.

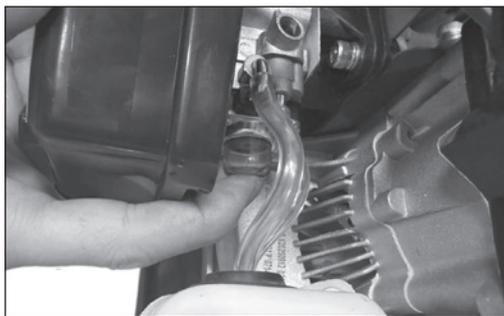


Fig.6

3. Then press the fuel primer bulb (5) six to ten times until fuel flow through the clear tube.
- **Note: Warm Start** - move the choke to the **'ON'** position. Priming is only required if refilling with fuel.

 **CAUTION!!** Over-priming the engine will cause it to be flooded with too much fuel, which may immerse the spark plug and prevent the engine from starting. The engine will smell strongly of fuel if this occurs.

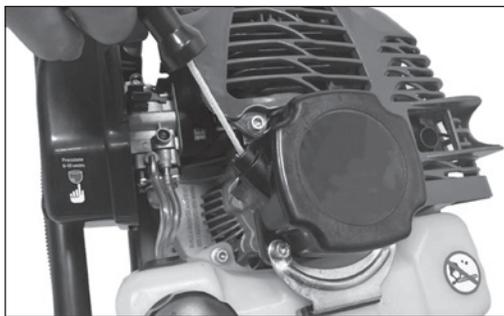


Fig.7

4. Hold down the right handlebar with your foot and hold the left handlebar firmly. Slowly pull the recoil starter handle (11) until resistance is felt. Then pull the starter out rapidly a few times until the engine starts.
- If the engine does not start after the fifth attempt during a warm start, attempt a cold start.

CAUTION!

- **DO NOT** attempt to start the engine when the recoil starter is fully retracted.
- **DO NOT** allow the recoil starter to snap back against the engine. Return it gently to prevent damage to the starter.

5. Move the choke lever (4) to the 'ON' position.

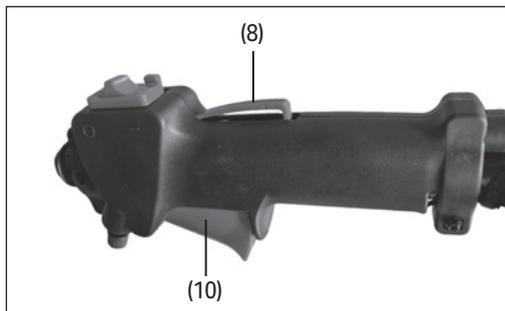


Fig.8

6. Allow the engine to idle for approximately 60 seconds until it reaches working temperature. Then press the throttle safety release lever (8) and squeeze the throttle lever (10).
7. Increase pressure on the throttle lever to begin the operation.

Important: If the auger bit rotates while the engine is idling, switch off the engine immediately and contact Draper Tools for support.

NOTE: The product will become very warm after a long time of use; allow it to cool down completely before restarting.

7.2 Stopping the Engine

- To stop the engine in an emergency, move the ignition switch (9) to the 'OFF/O' position to shut the engine off immediately. The auger bit (16) will continue to run for short time even after the engine has been switched off! Wait until the auger bit comes to a complete stop before placing the product on the ground!
- To stop the engine in normal operation, release the trigger and let the engine idle, then move the ignition switch (9) to the 'Off/O' position.

7.3 Basic Operation of the Earth Auger

- During operation, hold the earth auger in a vertical position and grip firmly with both hands.
- Stand comfortably with your legs slightly apart and the auger centrally in front of you to maintain a stable and well-balanced position. Ensure that your legs and body stay clear of the drilling area.
- Position the auger engine unit so that the exhaust (12) is directed away from you. This also ensures that, should the auger bit catch in the soil, the engine recoil will pull the throttle lever out of your grip and the bit will stop turning.
- Brace yourself against sudden recoil caused by contact with hidden rocks, roots and other debris beneath the surface.
- **DO NOT** use the auger on stony soils.
- Apply firm downward pressure onto the handlebars throughout the operation, but **DO NOT** force and let the auger do the work.
- Start the operation using half-throttle speed and gradually increasing pressure on the throttle lever (10), particularly when boring deeper holes.

Important: ALWAYS mark and secure holes after operation so that they are easily visible to prevent injury to others.

Important: Maintenance and repairs should be carried out **ONLY** by authorised and suitably qualified personnel.



WARNING!

- **ALWAYS** switch off the engine, disconnect the spark plug cover and allow the machine to cool before maintaining this product.
- Remove any auger bit from the engine unit before performing any maintenance.
- If the engine must be run for testing, ensure that this is carried out in a well-ventilated environment that allows carbon monoxide from the exhaust to dissipate quickly.

8.1 General Maintenance

- Regular and thorough maintenance will help to extended life of the product. Poor maintenance can lead to reduced performance and rapid deterioration of the engine and auger bits.
- Keep all air vents clean and free from obstructions.
- Clean the machine with a damp cloth **ONLY**.

Important: **DO NOT** use solvents as this may damage the plastic parts of the machine.

- Use **ONLY** spare parts supplied or recommended by Draper Tools.
- Keep all auger bits free from debris and clean them after every use.
- Wear protective gloves while maintaining the auger bits.
- Use a brush or other tool to remove debris from cutting parts; **NEVER** use your bare hands.
- Replace auger bits when they became damaged or excessively worn.
- Fit the protective covers to the auger bits when not in use or storing.

8.2 Draining the Fuel

Important: Read all the Health and Safety guidance for the use of petrol as a fuel before filling or draining this product.

1. Ensure that the ignition switch (9) is in the 'STOP' position and the spark plug cover (13) is disconnected.
2. Remove the fuel tank cap (7) slowly and tip the engine unit backwards to allow the fuel to drain into a suitable container.



WARNING! If the product has been recently used, hot steam may vent from the fuel tank outlet. Take care when removing the fuel cap.

3. Reattach the fuel tank cap securely and wipe up any spillages.
4. Reconnect the spark plug cover and start the engine; see 7.1 Starting the Engine.
5. Allow the engine to run until it cuts out; this exhausts any fuel remaining in the carburettor.

8.3 Cleaning the Air Filter (Fig.9)

Clean the air filter chamber and element at least after every 50 hours of use to ensure consistent airflow into the carburettor.



WARNING! NEVER use petrol or solvents to clean the air filter element as they may damage the filter or result in a fire when the machine is next used.



CAUTION! NEVER run the machine without the air filter element in place as this may cause the engine to degrade rapidly.

1. Turn the locking knob (2) and remove the air filter cover (1).



Fig.9

2. Remove the air filter (1.1) and brush off any dirt and debris from the filter element and compartment. **DO NOT** wash or use solvents to clean the filter.

3. Check the filter for any holes, tears or obstructions.

Important: If the filter is damaged, replace it with a new one. **DO NOT** use the product if the air filter is damaged.

4. Refit the air filter and cover securely in place, ensuring it is correctly seated in the housing.

8.4 Spark Plug Maintenance (Fig.10 – Fig.11)

- Over time the spark plug can become contaminated. This can adversely affect the running condition of parts such as the throttle over a prolonged period of time or too much oil in the fuel mix. This contamination can cause the engine to run rough, reduce the fuel consumption and create starting issues.

Important: replace the spark plug after every 20 hours of use or every month.

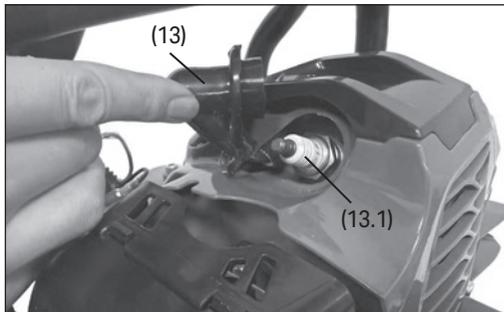


Fig.10

1. Remove the lead cover (13) from the back of the spark plug. To avoid damaging the H.T lead do not use any tools.

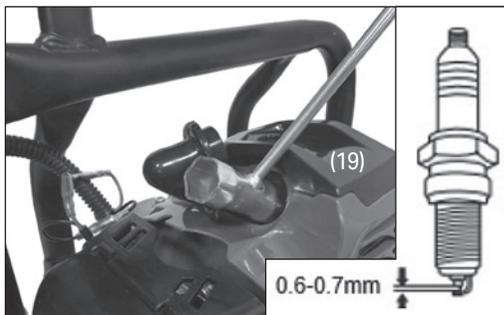


Fig.11

2. Use the spark plug spanner supplied (19) to remove the spark plug (13.1) by turning anticlockwise.
3. Clean the spark plug and check the electrode gap (maintain a gap of 0.6 – 0.7mm).

⚠ ATTENTION! The spark plug should be replaced annually during a service or after 60 hours of use. Replace compatible resistor type spark plug with the same heat range.

4. Ensure the spark plug thread is correctly seated before screwing it clockwise to fit.
 5. Tighten the spark plug with the spanner supplied before replacing the H.T lead cover.
- The H.T lead cap rubber surround should be tucked inside the plastic housing to ensure a good connection with the spark plug.

8.5 Cleaning the Fuel Filter (Fig.12)

- To ensure the fuel supply remains clean the fuel filter must be checked and cleaned regularly. The fuel filter is attached to the pick-up tube inside the fuel tank.

1. Remove the fuel tank cap (7) from the fuel tank.
2. Drain the fuel tank (6) completely.

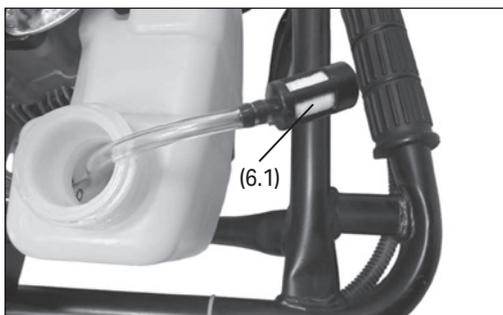


Fig.12

3. Tilt the engine so that the fuel tank opening is at the lowest point. Then shake the tank to allow the fuel filter (6.1) to be reached.
 4. Use a piece of wire with a hook on one end to carefully extract the fuel filter from the fuel tank.
 5. Remove any debris from the filter using a soft brush. Take care not to damage the mesh.
 6. Put the filter back in the tank and secure the filler cap.
- Check the filter and replace at regular intervals.

8.6 Storing the Auger

Important: ALWAYS ensure that the engine has completely cooled before storing.

- **Prepare the machine correctly for storage:**
 - Ensure that the ignition switch (9) is in the **Off/O'** position.
 - Disconnect the spark plug cover (13).
 - Drain the fuel (**see 8.2**).
 - Remove, clean and dry the auger bits.
 - Tighten all reservoir caps and leakage points.
 - Cover the machine with a plastic sheet to protect it against dust and moisture.
- Store the machine and attachments in a dry and dust-free environment, out of reach of children.
- Store the machine at a temperature of 0–30°C.
- Start the engine at periodic intervals to prevent seizure within the engine and driveshaft.

8.7 Troubleshooting

Problem	Possible Cause	Remedy
Engine not starting.	The ignition switch (9) is in the 'OFF/O' .	Move the ignition switch to the 'ON/I' position.
	Fuel level too low.	Top up the fuel – (see 6.2).
	Engine has not been primed.	For cold start priming is required – (see 7.1).
	Fuel mixed incorrectly or stored too long.	Drain the fuel (see 8.2) and refill tank (see 6.2). DO NOT store fuel for more than 30 days.
	The spark plug electrode has been fouled or the gap is set incorrectly.	Repair or replace the spark plug.
	The spark plug H.T. lead is not connected correctly.	Press the spark plug cover on firmly and ensure that the housing is not interfering with the connection.
	The choke is set incorrectly for the starting conditions.	Ensure that the choke lever is set in the 'ON' position for a warm start or 'OFF' for a cold start.
	Air filter is clogged.	Clean or replace the air filter (see 8.3).
	The engine has been over-primed and has flooded.	Remove the spark plug (see 8.4) and dry the electrode of fuel. Pull the recoil starter several times without the spark plug fitted, then refit the spark plug and try again.
The engine stutters or runs roughly after starting.	Fuel filter is clogged.	Clean fuel filter (see 8.5).
	The choke lever is set in the 'OFF' position.	Move the choke lever to the 'ON' position and retry.
	Parts of the engine require maintenance.	Clean or replace the air filter or spark plug. Clean the fuel filter.
The engine stops automatically during operation.	The fuel has been stored for too long and has deteriorated.	Drain the fuel (see 8.2) and refill the fuel tank as appropriate (see 6.2).
	The fuel level has dropped too low.	Top up the fuel – (see 6.2).
The engine stops automatically during operation.	The auger bit has caught in the soil.	Switch off the auger, remove it from the hole and check for obstructions.
	Heavy blue smoke is emitted from the exhaust.	The fuel is mixed incorrectly.

Problem	Possible Cause	Remedy
The engine runs with low power.	The choke is closed.	Open the choke after the engine has run for a few seconds.
	Engine speed too low.	Squeeze the throttle to increase the engine speed.
	Worn or damaged engine parts.	Contact Draper Tools for support.
Performance is unsatisfactory.	The auger bit is damaged or excessively worn.	Replace the auger bit. DO NOT continue to use the tool.
	The toughness of the ground exceeds the capability of the machine.	Use an alternative method to drill the material.
The auger bit rotates while the engine is idling.	The engine idle speed is too high.	Contact Draper Tools for support.
The auger blade jumps.	The auger bit is damaged or excessively worn.	Replace the auger bit. DO NOT continue to use the tool.
	The auger bit has encountered an obstacle.	Switch off the auger, remove it from the hole and check for obstructions.
The auger cuts slowly.	The blade edges are overly worn.	Have the blades sharpened or replaced.
	The pilot drill is damaged.	Replace the pilot drill or auger bit.

9. Spares, Returns and Disposal

EN

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, fuel, chemicals or 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 fuel and oil separately and in accordance with local regulations; **DO NOT** abandon it in the environment.



10. Warranty

EN

This warranty covers parts and labour for 12 months from date of purchase – visit drapertools.com/warranty for more information. However, if the tools are hired out, the warranty period is 90 days from the date of purchase.

Should the tool develop a fault within the warranty period, return the complete tool to the place of purchase or contact Draper Tools directly. Proof of purchase must be provided.

This warranty does not apply to any consumable parts or normal wear and tear.

It also does not cover any damage caused by misuse, careless or unsafe handling, modifications, or repairs carried out by any personnel other than an authorised Draper Tools repair agent.

Please note that this guarantee is in addition to and does not affect your statutory rights.

Draper Tools

11. Explanation of Symbols



Read the instruction manual



Pay attention to objects thrown by the machine during use.



Should just be for safety glasses.



Protect feet from risk of injury



Wear ear defenders



Wear suitable protective footwear.



Do not abandon in the environment



Keep out of the reach of children



Warning!



Do not incinerate or throw onto fire



European conformity



UK Conformity Assessed

Contact Details

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