

DRAPER

EN

Original Instructions
Version 1 - November 2025

2-IN-1 PETROL
MULTI-TOOL

30280



**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: 2-in-1 Petrol Multi Tool

Stock No: 30280

Part No: DTP14

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 hand-held 2-in-1 petrol garden power tool is equipped with a grass trimmer and hedge cutting attachment. It is powered by a 34cc 2-stroke engine with choke and recoil start for simple operation.

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.	30280
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Part No.	DTP14
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Engine:

Type:	2 Stroke air cooled single cylinder
Power output:	1KW
Displacement/capacity:	34.6CC
Max. speed (no load):	11,000rpm
Idle speed:	3,000rpm +/-300rpm

Fuel:

Tank capacity:	750ml
Petrol/Oil mix type:	E10 Petrol (95 RON)/2 stroke oil (JASO FC minimum)
Ratio:	40:1
Fuel consumption at max:	490g/hour

Noise emissions:

Sound pressure level:	92dB (A)
Sound power level:	107 dB (A)
Uncertainty (K):	3db (A)
Guaranteed sound power level:	105dB (A)

Vibration level:

Full throttle:	7.05m/s ²
Idle speed:	4.84m/s ²
Uncertainty (K):	1.5m/s ²

Grass trimmer attachment:

Cutting speed:	7,500rpm
Nylon line cutting width:	440mm
Nylon line diameter:	2mm
Nylon line length:	3M
Spool type:	Tap'n'go

Hedge trimmer attachment:

Cutting speed:	9,500rpm
Max branch size:	9mm
Blade length:	430mm
Cutting length:	400mm

Net weight:

Grass trimmer:	6.5kg
Hedge trimmer:	7.4kg

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.

4. Health and Safety Information



WARNING! THIS GRASS AND HEDGE TRIMMER CAN CAUSE SERIOUS INJURIES. Read the instructions carefully for the correct handling, preparation, maintenance and starting/ stopping of the tool. Become familiar with all the controls and proper use of the trimmer.

Save all warnings and instructions for future reference.

4.1 General Health and Safety Precautions

- The tool must only be used by competent persons who have received appropriate training.
- **NEVER** allow children to use this product.
- Keep children, animals and bystanders away while operating this tool. Local regulations may restrict the age of the operator.
- Stay alert, watch what you are doing and use common sense when operating this product.
- **DO NOT** use this product while you are tired, or under the influence of drugs, alcohol or medication.
- Dress properly! **DO NOT** wear loose clothing or jewellery, which can be caught in moving parts.
- Prevent unintentional starting. **ALWAYS** ensure the engine is switched off before picking up or carrying the tool.
- **DO NOT** overreach and keep proper footing and balance at all times.
- Keep cutting tools clean and sharp.
- Before every use, inspect the product and all accessories for broken, cracked and loose parts. **DO NOT** use this product if it is damaged in any way. Contact Draper Tools to discuss repair and replacement options.
- **DO NOT** allow familiarity or experience with this product to allow you to become complacent; always

remain alert and adhere to the safety instructions listed in this manual.

- Keep in mind that the operator or user is responsible for accidents or hazards occurring to people or their property.

Service

- Have the tool serviced **ONLY** by authorised and suitably qualified personnel, using only identical replacement parts.

4.2 Additional Health and Safety Instructions for 2-In-1 Petrol Garden Tool

- Clear the work area before each use. Remove all objects such as rocks, broken glass, nails, wire, or string which can be thrown or become entangled in the cutting line or blade.
- Keep all parts of your body away from the moving parts.
- Beware of overhead power lines when using the hedge trimmer attachment.
- **NEVER** attempt to modify or operate a modified tool. Fully assemble and fit all relevant guards before operating the tool.
- **DO NOT** operate the tool without being completely familiar with the safety features and how to operate them.
- **NEVER** operate the tool if the stop switch is faulty or not functioning.
- Prior to each use, inspect the tool for signs of damage. Ensure that the safety features are present and functioning and that all visible nuts, bolts and screws remain tight. Vibrations during use can cause them to loosen over time.
- **NEVER** operate this tool with defective or missing guards.



WARNING! Use of this product can pose a danger to wildlife. Before using this tool, check the area, particularly long grass and under bushes for signs of wildlife: if necessary relocate.

- **NOTE:** Not all animals will be deterred by the noise of the product alone.
- Check the attachment is correctly fitted to the tool before attempting to start the engine.
- **NEVER** leave the tool running when not in use or leave it unattended during use.



WARNING! During operate the engine gets very hot. **DO NOT touch it, especially the exhaust.**

- **ALWAYS** Stop the engine before:
 - Cleaning or when clearing a blockage.
 - Checking or carrying out any maintenance on the trimmer.
 - Adjusting the working position of the cutting device.
- While operating the hedge trimmer, always ensure that the operating position is safe and secure, especially when using steps or a ladder.
- **DO NOT** operate the hedge trimmer with a damaged or excessively worn cutting device.
- To reduce fire hazards, keep the engine free of debris, leaves and excessive lubricant.
- **ALWAYS** ensure that all handles and guards are fitted when using the trimmer.
- **ALWAYS** use two hands to operate a hedge trimmer.
- **ALWAYS** be aware of your surroundings and stay alert for possible hazards of which you might not be aware of due to the noise of the trimmer.
- **ALWAYS** wear appropriate PPE (Personal Protective Equipment). **ALWAYS** wear suitable eye/face protection. Use of sturdy gloves, non-skid footwear, safety helmet, ear protection and safety glasses are recommended to prevent personal injuries.
- If the cutting mechanism strikes any foreign object or the hedge trimmer starts making any unusual noises or vibrations, shut off the power and allow the hedge trimmer to stop. Disconnect the spark plug wire from the spark plug and take the following steps:
 - Inspect for damage.
 - Check for and tighten any loose parts.
 - Replace or repair any damaged parts with equivalent specification parts.

4.3 Transportation, Handling and Storage

- Switch off the engine when you are crossing roads or gravel paths.
- **ALWAYS** clean and maintain before storing, pay special attention to the guards and cutting attachments.
- Before transporting the unit in a vehicle stop the engine and allow it to cool. Empty the fuel tank and securely locate the unit.
- When removing the tool from a vehicle or from storage, be careful not to drop the engine on the ground as this may severely damage the fuel tank.
- **NEVER** drag the tool across the ground, or throw it to the ground this is highly dangerous and will damage the fuel tank, causing the fuel to leak, possibly causing fire.

4.4 Health & Safety Information regarding the use of Fuels



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.

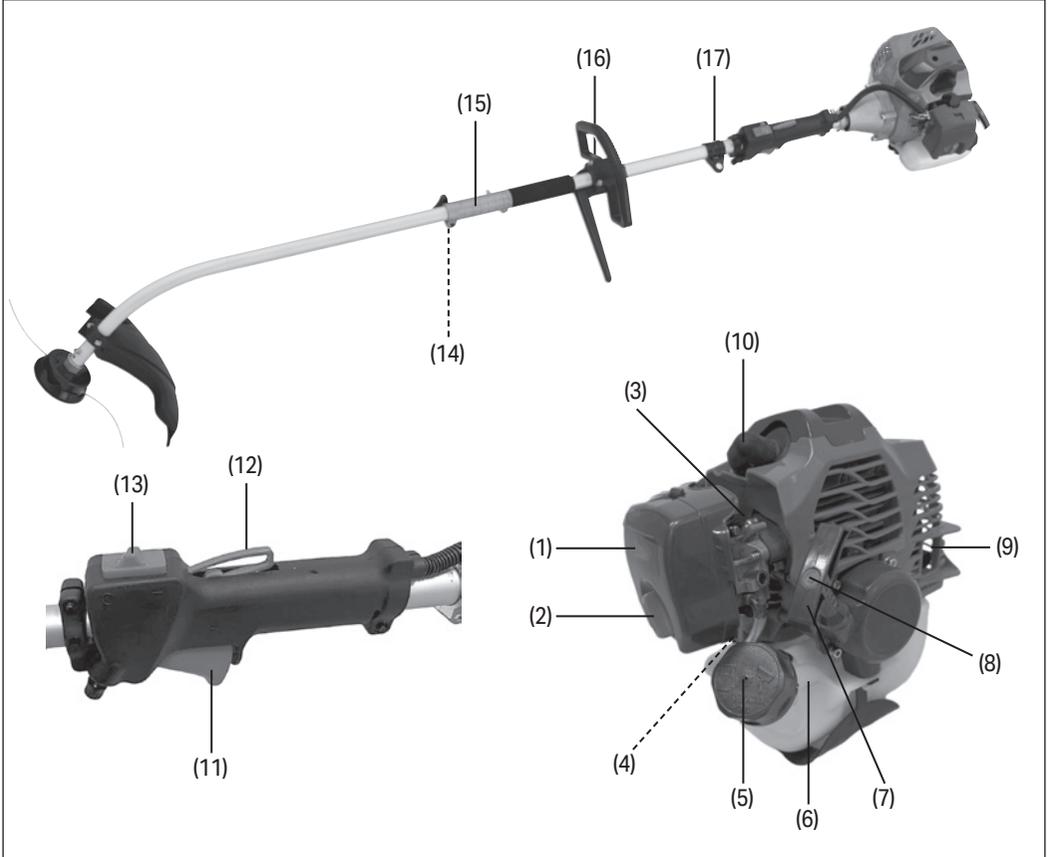
- **DO NOT** inhale fuel fumes.
- **NEVER** start the engine in a closed or poorly ventilated area.

Important: E10 petrol is hygroscopic and attracts moisture, which may damage the fuel system if stored in the product for more than four weeks. E10 petrol should be used within 30 days of purchase. It is recommended to use 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.

4.5 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



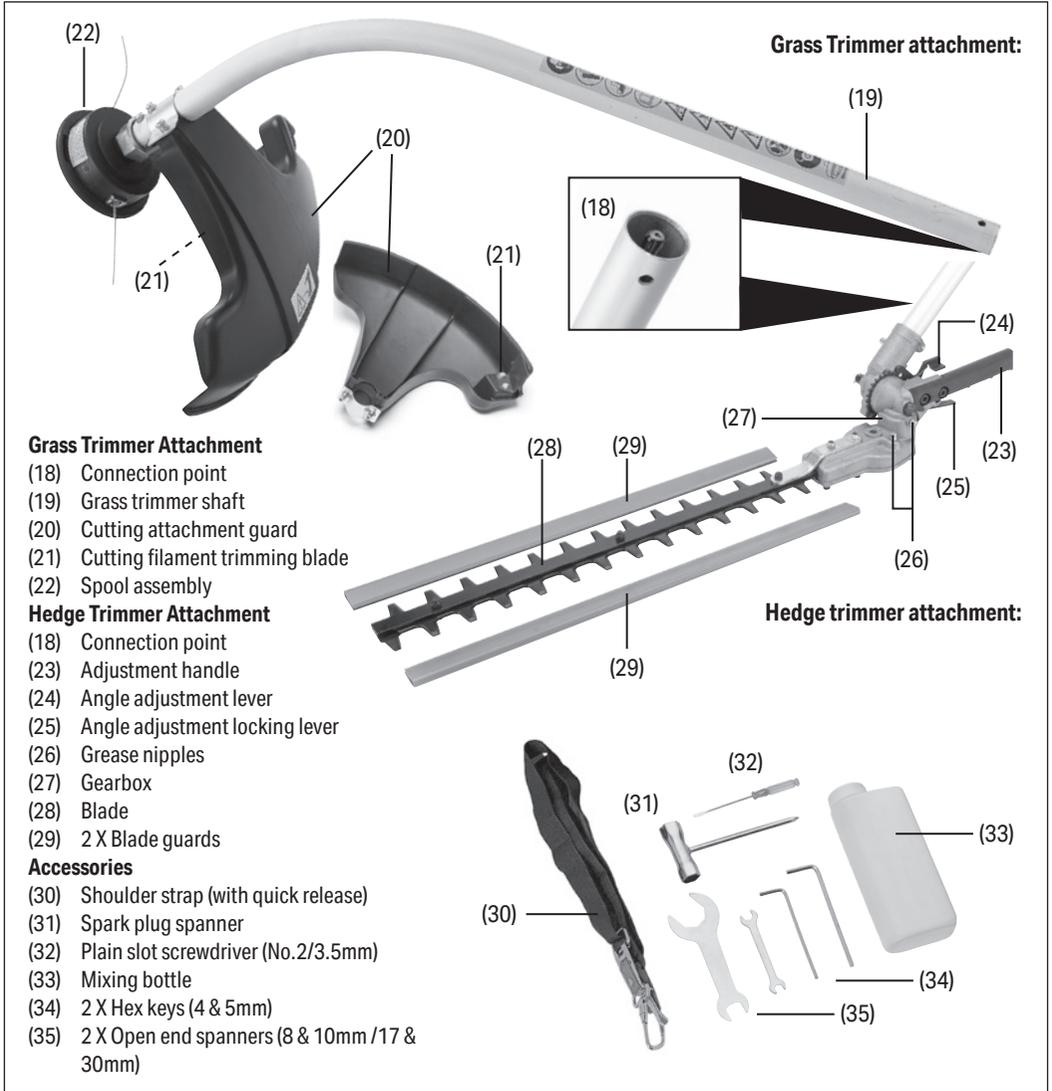
- | | |
|---|--------------------------------------|
| (1) Air filter cover | (10) Spark plug cover (H.T lead) |
| (2) Air filter cover lock | (11) Throttle trigger |
| (3) Choke lever | (12) Throttle safety release lever |
| (4) Fuel primer bulb (under air filter) | (13) Engine Start/Stop switch |
| (5) Fuel tank cap | (14) Shaft connector locking knob |
| (6) Fuel tank | (15) Connector |
| (7) Carburettor | (16) Front handle |
| (8) Recoil starter handle | (17) Harness hook |
| (9) Exhaust | |

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

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.



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.

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

6.1 Fitting Front Handle (Fig.1 - Fig.4)

(16.1) Handle

(16.2) Shock absorber clip

(16.3) Handle guide bar

(16.4) 4 X 4mm Hex screws

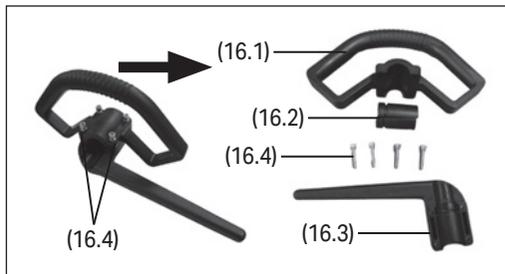


Fig.1

1. Loosen the four hex screws (16.4) from the handle (16.1) assembly but do not remove completely. Then separate the guide rail (16.3) from the handle.

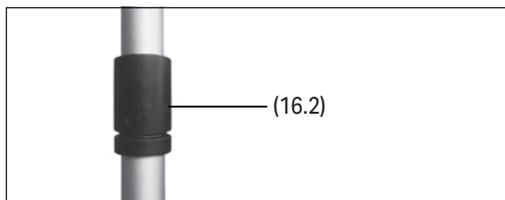


Fig.2

2. Clip the shock absorber (16.2) onto the top shaft-position at a suitable height.

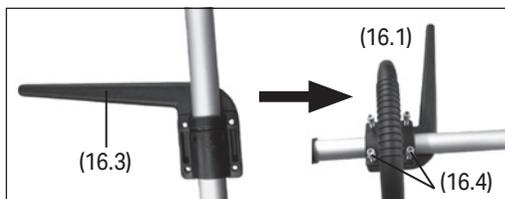


Fig.3

3. Fit the guide rail bar (16.3) over the shock absorber and then attach the handle (16.1).
4. Insert the screws (16.4) and hand tighten halfway.



Fig.4

5. Then tighten the screws using the 4mm hex key supplied.

6.2 Fitting the Trimmer Guard (Fig.5)

The cutting guard (20) must be fitted correctly before using this tool.

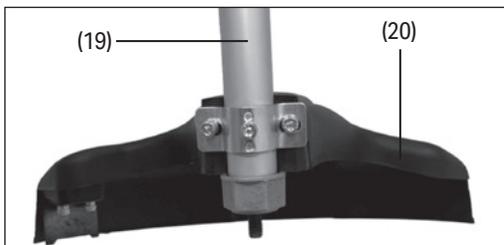


Fig.5

- Align the cutting guard (20) with the shaft (19). Attach the bracket to the guard with the hex bolts supplied, finger tighten.
- Use the 4mm hex key (34) supplied and tighten the bolts.

6.3 Fitting the Spool Assembly (Fig.6)

- Screw the spool (22) directly onto the trimmer shaft clockwise by hand.

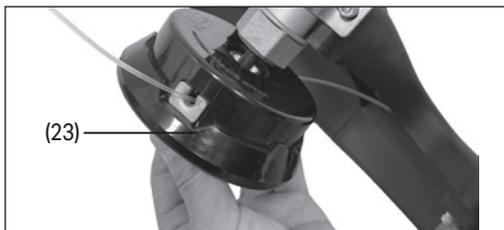


Fig.6

To remove the spool from the trimmer shaft

- Ensure the engine is switched off, then hold the shaft nut with the open spanner (35). Then unscrew the spool assembly from the trimmer shaft by turning anticlockwise by hand.

6.3 Connecting and Changing the Attachments (Fig.7)

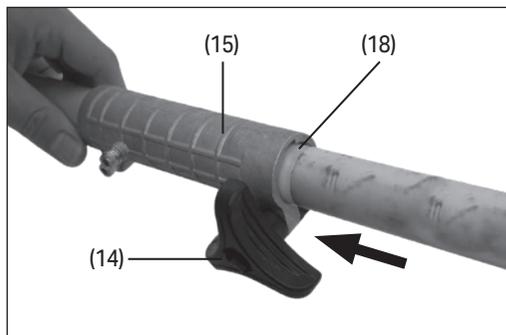


Fig.7

- Before starting the engine, the required attachment must be correctly fitted to the shaft connector (15).
1. Ensure the handle locking knob (14) is loose by turning anticlockwise a few turns.
 2. Fit the required attachment shaft connection point (18) to the shaft connector (15).
 3. Align the pin on the lower shaft connector (18) with the groove in the shaft connection point (15). Insert the lower shaft until the pin sits in the notch.
 4. Tighten the handle locking knob to secure.

To Disconnect Attachment

To remove the attachment – loosen the handle locking knob (14), then separate the top and bottom shafts.

7. Setting up the Trimmer

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.

7.1 Fuelling the Tool (Fig.8)

This tool 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.

- Fuel quality degrades rapidly. Avoid storing the fuel and only mix as required. Using fuel that has degraded will cause starting/running problems.



Fig.8

1. Open the fuel cap (5).
2. Combine the unleaded fuel and 2-stroke oil to create a 40:1 mixture using the mixing bottle (33) supplied. **Example: Add 25ml of 2-stroke oil into 1 litre of unleaded fuel. Shake well to produce a 40:1 mix.**
3. 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.
4. 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.

7. Setting up the Trimmer

7.2 Starting the Engine (Fig.9 – Fig.12)

WARNING! In an emergency slide the engine stop switch forward to the 'Stop' (13) position to kill the engine.

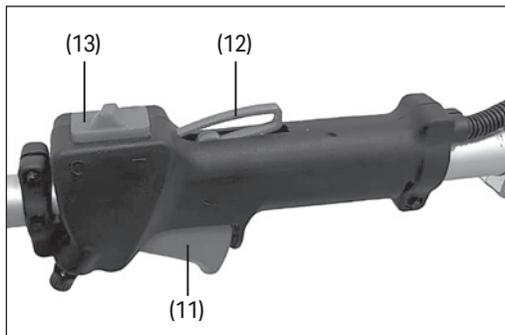


Fig.9

1. Move the engine start/stop switch (13) back to the 'Start' position.
2. Move the choke (3) to the correct position.

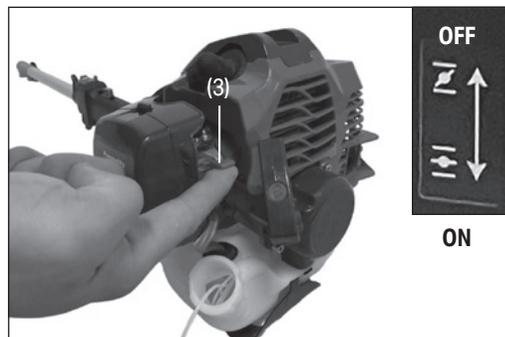


Fig.10

Cold Start

- Slide the choke lever (3) to the 'OFF' position
- Close the choke to restrict the amount of air entering the engine.

Warm Start

- Slide the choke lever (3) to the 'ON' position
- Open the choke to increase the amount of air entering the engine.

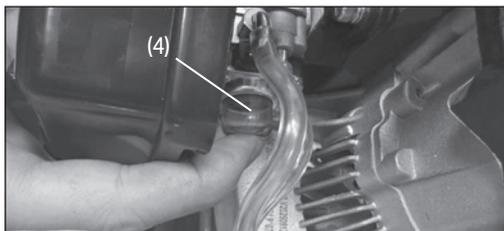


Fig.11

3. Prime the engine with fuel by pressing the fuel primer (4) three or four times. The primer and fuel line from the tank should then have fuel present.

Over priming will cause the engine to flood and stop the engine from starting.

4. Grip the neck of the motor unit and hold the motor firmly on the ground.

DO NOT stand or apply any pressure to the output shaft.

5. Crouch over the machine while maintaining a firm footing.

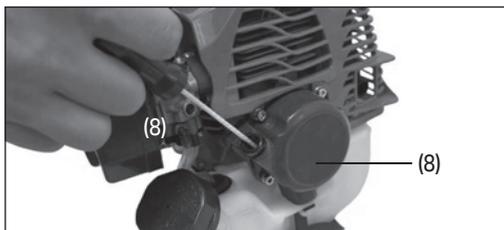


Fig.12

6. Hold the recoil starter handle (8) and make two to three short, sharp pulls until the engine starts. If the engine does not start by the fifth pull, move the choke setting.

WARNING! DO NOT pull the starter rope out fully as it may break. DO NOT release the starter rope and allow it to recoil unaided.

7. When the engine starts, grip the front handle (16). Then press the throttle safety release lever (12) and squeeze the throttle trigger (11) at the same time.
8. Slowly squeeze the throttle trigger (11) to increase the engine speed.
9. Once the engine has been running for a few minutes open the choke fully.

The engine has an initial period in which the internal components bed themselves in. During the first five to six tank fills, to avoid damaging the engine DO NOT running the engine at very high revs.

8.1 Adjusting the Blade Angle (Fig. 13)

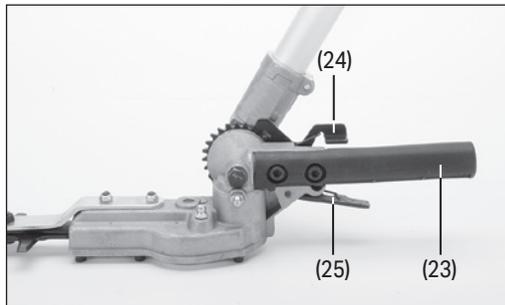


Fig.13

• The cutting head can be adjusted to suit access to the hedge being trimmed.

1. With the engine switched off, grip the adjustment handle (23).
2. Then lift up the angle adjustment locking lever (25) and hold.
3. Press down on the angle adjustment lever (24) and adjust the cutting head to the required angle.
4. Release the locking lever (25) and ensure the cutting head is fully locked into the required position.

8.2 General Trimming Techniques

(Fig.14 – Fig.18)

ALWAYS use with the shoulder strap (30) attached and adjusted to a suitable height.



WARNING! Use of this product can pose a danger to wildlife. Before using this trimmer, check the area, particularly long grass and under bushes for signs of wildlife: if necessary relocate.

- Check with your local authority that no seasonal bans on hedge cutting are in place.
- Beware of hidden objects before cutting. Check for hidden wire fences, power cables or other objects within the hedge that could be damaged during operation or cause injury if cut by the blades.
- Remove the blade guards (29) before starting the engine.
- Before using the hedge trimmer, remove any large branches with a pair of loppers.
- The metal blade is intended for cutting branches up to 9mm. It can also be used to clear scrub, off shoots around the base of shrubs, brushes and hedges.
- To prolong the life of the blade, avoid contact with larger branches, roots, stones, walls, fences and other hard surfaces.

Ground Clearance (Fig.14)



Fig.14

- Before all the hedge trimmings fall and obscure the base of the hedge, clear out any unwanted new shoots or woody weeds.
- Adjust the cutting head.
- Move the cutting head in and around the roots, avoid large diameter limbs, roots and stones.

Vertical Cutting (Fig.15)

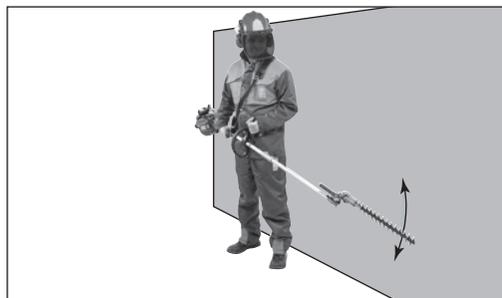


Fig.15

- Best practice is to cut the front and side of a hedge first before the top.
- Set the cutting head straight.
- Make large sweeping arcs with the cutting edge. Use both sides of the blade to trim material from the hedge.
- Stand back at regular intervals to check whether the cut is straight and level.

Vertical Cutting at a Distance (Fig.16)

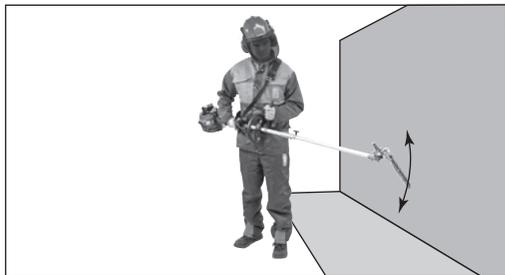


Fig.16

- If an obstacle prevents you from standing directly next to the hedge adjust the cutting head to a more suitable angle.

Hedge Topping (Above Head Height) (Fig.17)

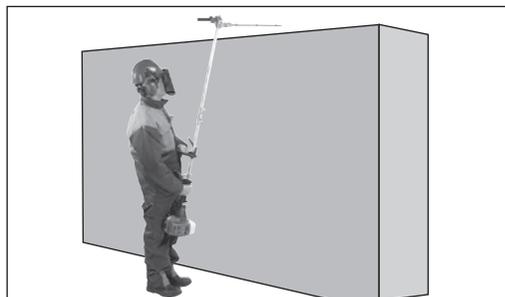


Fig.17

- For safety it is recommended to use a safe platform to raise yourself level with the hedge.
- If not using a platform, set the cutting head at 90° and twist the shaft to make the cutting edge swing in an arc across the top of the hedge.

Horizontal Cutting (Shape Top of Hedge) (Fig.18)

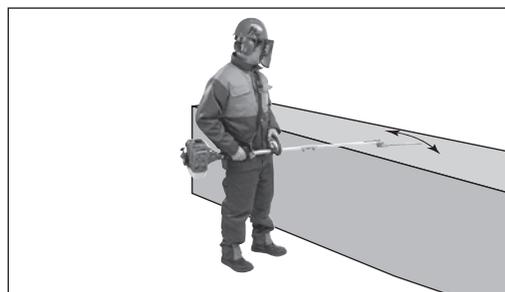


Fig.18

- Use to shape the top of the hedge.
- Set the cutting head straight and tilt the cutting side of the blade towards the hedge by 0-10°.
- Make level arcs so the trimmings fall onto the floor.
- **DO NOT** attempt to cut a hedge higher than chest height without using a safe platform.



WARNING! DO NOT stretch or overreach when working on a platform.

- When cutting with the blade set straight, tilt the cutting side of the blades towards the hedge by approximately 0 - 10°.

9. Operating the Grass Trimmer Attachment

9.1 Operating the Grass Trimmer

(Fig.19 – Fig.21)

ALWAYS use with the shoulder strap (30) attached and adjusted to a suitable height.

 **WARNING!** Use of this product can pose a danger to wildlife. Before using this tool, check the area, particularly long grass and under bushes for signs of wildlife: if necessary relocate.

- This trimmer is only suitable for cutting grass. **NEVER** use for cutting any other hard plants.
- **Important:** To prolong the life of the nylon line avoid contact with trees, stones, walls, fences and other hard surfaces.
- 1. Begin cutting at full throttle, hovering the spool assembly just off the ground while making arc shaped sweeping actions through the vegetation.
- 2. Keep the nylon line level with the ground to avoid scalping the ground surface.
- 3. When the nylon line is running at speed take care to avoid plastic items such as garden furniture, flowerpots and other similar items to avoid damage.
- When cutting vegetation, the cutting distance from the spool head will decrease when the line length is deteriorating. Before the line disappears inside the spool housing, strike the cutting head (22.1) while it is running at speed onto a piece of suitable ground. This will release a set amount of line from the head. Any excess line is automatically trimmed as it strikes the trimming blade (21) on the underneath of the guard (20).
- If the line breaks and disappears inside the spool housing it will need to be rewound – refer to **section 10.9**.

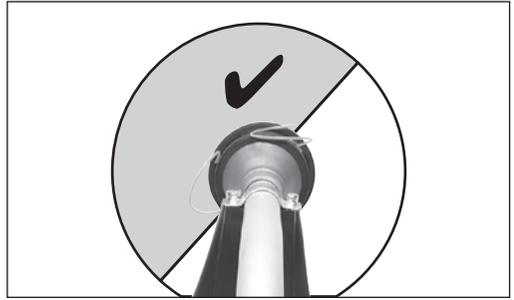


Fig.19



Fig.20

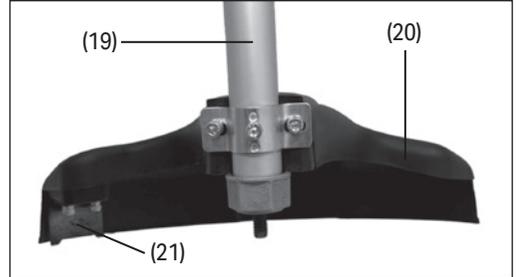


Fig.21

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

WARNING! ALWAYS turn off the engine, allow it to cool and disconnect the spark plug before maintaining or storing this product. 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.

10.1 General Maintenance

- Regularly inspect the conditions of the multi tool:
 - Check all nuts, screws and bolts are correctly tightened for safe operation.
 - Check condition of attachments.
- Clean after every use – wipe over with a damp cloth.

Important: **DO NOT** use solvents as this may damage any plastic or uninsulated parts.

- Use **ONLY** spare parts recommended by Draper Tools.
- Store the tool in a dry and dust-free environment, out of reach of children.
- Store the tool at temperature between 0–45°C.
- **DO NOT** store near flammable materials.

10.2 Cleaning the Air Filter (Fig.22)

- A dirty clogged air filter will restrict the air flow and cause the engine to run rough. It will also increase fuel consumption and may result in starting issues.

ATTENTION! ALWAYS stop the engine before removing the air filter.

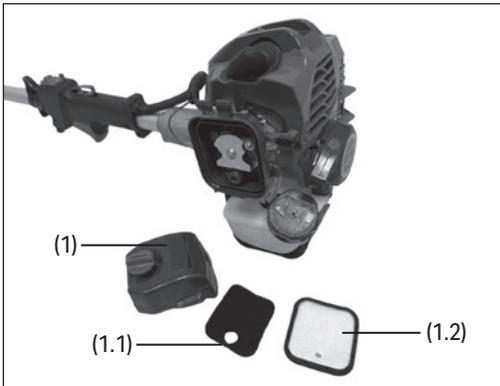


Fig.22

1. Set the choke lever (3) to the closed position to prevent any debris entering the carburettor inlet.
 2. Turn the air filter cover lock (2) anticlockwise to release the air filter cover (1).
 3. To remove the cover - lift away the bottom first, then lift free from the tab at the top.
 4. Remove and wash the foam filter (1.1) and cloth filter pad (1.2) in warm soapy water. **DO NOT** use solvents.
 5. Ensure the filters are 100% dry before refitting.
 6. Refit the filter cover and insert the lock and secure.
- Replace the filter if it appears worn or damaged.

10.3 Spark Plug Maintenance (Fig.23 – Fig.24)

- 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.

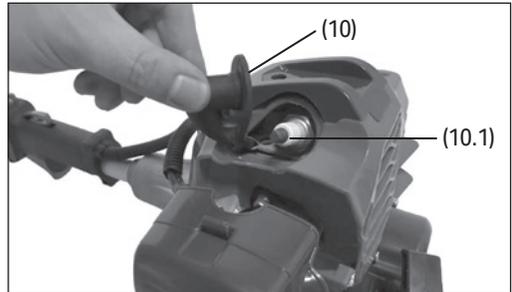


Fig.23

1. Remove the lead cover (10) from the back of the spark plug. To avoid damaging the H.T lead do not use any tools.

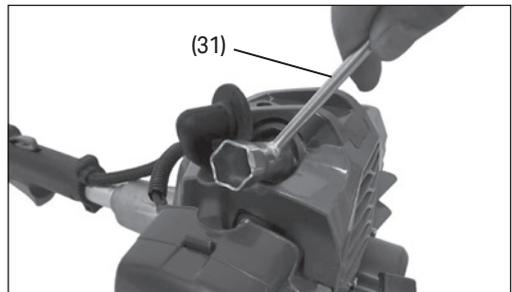


Fig.24

2. Use the spark plug spanner supplied (31) to remove the spark plug (10.1) 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 with an alternative 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.

10.4 Engine Idle Speed Adjustment (Fig.25)

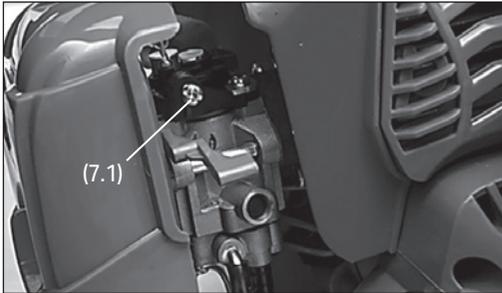


Fig.25

- The attachments must not operate/rotate with the engine running at idle. Adjust as necessary.
- Run the engine until warm.
- Then turn the carburettor screw (7.1) anticlockwise to decrease the engine idle speed.

10.5 Draining the Fuel/Oil Mix

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

1. Ensure that the 'Start/Stop' switch (13) is in the 'Stop' position and the spark plug cover (10) is disconnected.
2. Remove the fuel tank cap (5) slowly and tip the engine unit backwards to allow the fuel/oil mix to drain into a suitable container.

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

3. Refit the fuel tank cap securely and wipe up any spillages. Then reconnect the spark plug cover.

10.6 Cleaning the Fuel Filter (Fig.26)

- 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.



Fig.26

1. Remove the fuel tank cap (5) from the fuel tank.
2. Drain the fuel tank (6) completely.
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. Gently pull the filter clear of the tank.
5. Hold the pick-up line, then squeeze the hose clip and move it away from the filter.
6. While holding the fuel line, pull the clogged filter off and insert a clean filter.
7. Reposition the hose clip so that it grips the fuel line onto the filter.
8. Push the filter back into the tank.

10.7 Gearbox Lubrication (Fig.27)

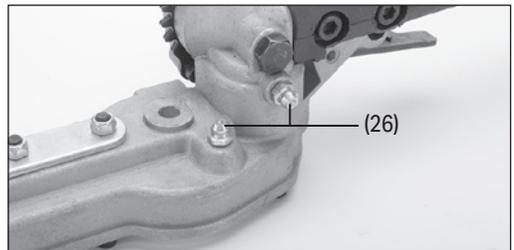


Fig.27

- Lubricate the gearbox before and after each use.
- Connect a compatible grease gun to the gearbox assembly grease nipples (26).
- Pump in a general purpose gearbox grease.

10.8 Cleaning the Hedge Trimmer Blade

- After use clean the cutting blade (28) thoroughly and remove any debris, sap and moisture.
- Brush the blades to remove any debris.
- Use a solvent cleaner to spot clean any sap from the blades.
- Spray the blades with a moisture dispersant lubricating oil.

10.9 Replacing the Spool Nylon Line

(Fig.28 – Fig.30)

- The spool requires regular maintenance including refilling or replacing the spool.
- With the engine switched off, then hold the shaft nut with the open spanner (35). Then unscrew the spool assembly by hand.

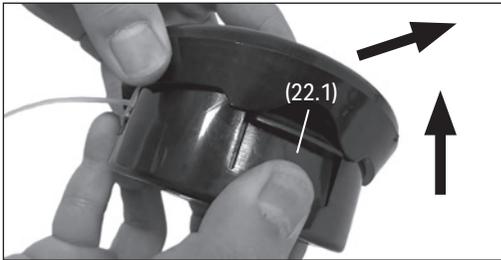


Fig.28

1. Ensure the engine is switched off before replacing the nylon line.
2. Squeeze the tab (22.1) on the side of the spool housing and twist anticlockwise (direction of rotation is on the cover) to release the spool cover.

Remove the empty spool insert from the assembly.

- Underneath the spool insert there is a large spring and a washer, take care when lifting out the insert they do not spring out.
3. To install the new spool line – find the middle of the replacement line and hook into the insert point shown in Fig.25.
 4. Wind the line neatly in both channels in the indicated direction.

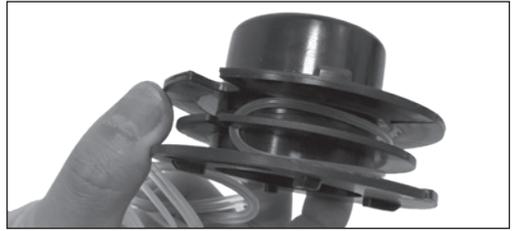


Fig.29

5. When both the lines are wound evenly, Hook the end through the insert notches to hold them in place.



Fig.30

6. Leave a short piece of nylon to feed out through the spool housing.
7. Feed the line ends out evenly through the spool housing.
8. Lower the spool insert down over the washer and spring while pulling the line end tight.
9. When everything is lined up push down on the insert and at the same time pull the line end free from the insert. Check that the line does not become trapped.
10. Press down firmly on the insert and then replace the spool cover and clip it back down.

10.10 Troubleshooting

Problem	Possible Cause	Remedy
Engine will not start	Engine ' Stop ' switch (13) activated.	Slide switch to ' ON ' position.
	Insufficient or no fuel. Old/stagnant fuel	Refill with a fresh batch of fuel/oil mix. Refer to section 7.1 .
	Spark plug electrode fouled or gap set incorrectly.	Remove and service/replace spark plug. Refer to section 10.3 .
	Spark plug H.T lead not correctly connected	Check H.T lead is pushed on firmly.
	Choke set incorrectly for the starting conditions.	Adjust choke. Refer to section 7.2 .
	Air filter clogged.	Clean/replace air filter. Refer to section 10.2 .
	Engine flooded with fuel/over primed.	Remove the spark plug and dry the electrode. Pull the starter handle 2 or 3 times without the spark plug fitted. Wait a minute, replace spark plug and retry. Refer to section 10.3 .
Engine runs 'rough'	Fuel filter clogged.	Clean fuel filter. Refer to section 10.6
	Choke set incorrectly.	Adjust choke. Refer to section 7.2 .
	Requires servicing.	Clean/replace air filter and spark plug.
	Carburettor out of adjustment/ Engine revs too high.	Contact Draper Tools for advice.
Heavy blue smoke from exhaust.	Old/stagnant fuel	Drain fuel and refill with fresh mix. Refer to section 7.1 .
	The fuel/oil mix is incorrect.	Drain fuel tank. Refill with a fresh batch of fuel/oil mix. Refer to section 7.1 .
Hedge Trimmer Attachment		
Poor cutting performance.	Blades clogged.	Stop engine. Clean and lubricate blade assembly.
	Blades blunt.	Have blades serviced or replaced by an authorised service centre.
Unusual noise from cutting head.	Insufficient grease in gearbox.	Stop engine. Add grease – contact Draper Tools for advice.

11. 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.



12. 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

13. Explanation of Symbols



Read the instruction manual



Wear safety glasses/
face shield



Wear ear defenders



Wear suitable protective footwear.



Do not abandon in the environment



Keep out of the reach of children



Warning!



Keep away from fire and sparks



Continuous A-weighted sound power level



European conformity



UK Conformity Assessed



During use, keep a minimum distance of 15m between the machine and third parties.



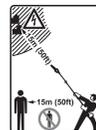
Protect feet from risk of injury



Risk of entanglement with hair



Risk of entanglement with clothing



Never operate this tool within 15M of wires or power cables



Careful of the sharp parts



WARNING! Risk of danger to wildlife



Warning beware of flying debris



Pay attention to objects thrown by the machine during use



Not intended for use with a toothed saw type blade

Contact Details

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