DRAPER®

EN

Original Instructions

Version 1

5 PIECE

AIR TOOL KIT

28357

UK CA CE

1. Preface

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

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

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

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

1.1 Product Reference

User Manual for: 5 Piece Air Tool Kit

Stock No: 28357

Part No: DAT-ATK5

1.2 Revisions

Version 1: June 2022
First release

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

Download the latest version from:
drapertools.com/manuals

1.3 Understanding the Safety Content

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. Warranty

Draper Tools products are carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, return the complete tool to your nearest distributor or contact Draper Tools directly. Contact information can be found at the back of this manual.

Proof of purchase must be provided.

If, upon inspection, it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This warranty period covers parts and labour for six months from the date of purchase. Where tools have been hired out, the warranty period covers 90 days from the date of purchase.

This warranty does not apply to any consumable parts, batteries or normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper Tools repair agent.

In all cases, to make a claim for faulty workmanship or materials within the standard warranty period, please contact or return the product to the place of purchase. Proof of purchase may be required.

If the place of purchase is no longer trading or if you experience any difficulties with your warranty, please contact Customer Services with the product details and your proof of purchase. Contact details can be found at the back of this manual.

If the tool is not covered by the terms of this warranty, repairs and carriage charges will be quoted and charged accordingly.

This warranty supersedes any other guarantees expressed or implied and variations of its terms are not authorised.

Your Draper Tools guarantee is not effective until you can produce, upon request, a dated receipt or invoice to verify your purchase within the guarantee period.

Please note that this warranty is an additional benefit and does not affect your statutory rights.

Draper Tools Limited

4. Product Introduction

4.1 Scope

This product contains four air tools and an air hose and is designed for use with receiver compressors.

The gravity-fed paint spray gun is suitable for use with all types of paint, including water-based paints, for light-viscosity painting applications.

The cleaning gun is suitable for use with degreasing and cleaning agents and detergents, and is intended for removing dirt, grease and oil from engines and machinery.

The air gun is intended for cleaning with compressed air and clearing blockages from small spaces.

The tyre inflator is intended for inflating tyres. Always double-check tyre pressure against a BS 4613-compliant tyre pressure gauge after use.

The air hose is intended for the connection and extension of 1/4" air lines.

Part of our core range, this product is suitable for regular use by enthusiasts and tradespersons alike.

WARNING! This product is not a toy and must be respected.

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

4.2 Specification

Stock No.	28357
Part No.	DAT-ATK5

Paint spray gun:

Nozzle	1.5mm
Cup capacity	500ml
Operating air pressure	3–4bar (43–58psi)
Max. air pressure	4.5bar (65psi)
Air inlet	1/4" BSP
Net weight	0.415kg

Cleaning gun:

Nozzle	3mm
Cup capacity	900ml
Operating air pressure	4–8bar (58–116psi)
Max. air pressure	9bar (130psi)
Air inlet	1/4" BSP
Net weight	0.408kg

Air gun:

Max. air pressure	8.0bar (116psi)
Air inlet	1/4" BSP
Net weight	0.123kg

Tyre inflator:

Operating air pressure	0–8bar (0–116psi)
Max. air pressure	9bar (130psi)
Air inlet	1/4" BSP
Gauge diameter	64mm
Scale colour (bar)	Black
Scale colour (psi)	Red
Hose inlet	1/4" BSP
Hose length	0.36m
Net weight	0.279kg

Air hose:

Inner diameter	5mm
Outer diameter	8mm
Length	5m
Max. air pressure	8bar (116psi)
Net weight	0.216kg

Kit net weight	1.68kg

Important: Read all Health and Safety instructions before attempting to operate, maintain or repair this product. Non-compliance with these instructions may result in injury or damage to the user or the product.

5.1 General Health and Safety Precautions

- Only authorised personnel who have carefully read and understood this manual may operate, adjust and repair this product.
- Observe all standard safety precautions and good practices when working with air tools.
- Always wear adequate eye protection and a face mask when using this product.
  - Some products suitable for use with this product may contain chemicals or toxic components.
  - Avoid inhalation or contact with materials used with this product.
  - If contact occurs, seek medical advice as soon as possible.
- Wear ear defenders and protective gloves while using and cleaning this product.
- Keep your work environment clear and well-lit, with bystanders at a safe distance.
- Use this product **ONLY** in well-ventilated areas to avoid the build-up of fumes and allow paint particles to disperse.
- Keep out of reach of children.
- Before every use, inspect the tools for missing, broken, loose or corroded parts.

  Important: DO NOT use this product if it is damaged in any way. Contact Draper Tools to discuss repair and replacement options.
- Ensure that all accessories and attachments are securely tightened before use.
- Use the product only in the manner instructed in this manual.
- **DO NOT** modify this product in any way.
- **ONLY** use spare parts supplied by Draper Tools.
- Stay alert at all times; **DO NOT** use this product while tired or under the influence of alcohol, drugs or other medication.
- **NEVER** insert foreign objects into the nozzles of these tools unless cleaning them with a soft brush.

5.2 Additional Safety Instructions for Air Tools

- Compressed air can cause severe injury.
  - **ALWAYS** turn off and disconnect the air supply before making any adjustments to the product or leaving it unattended.
  - **NEVER** direct this product towards yourself or others.
  - **NEVER** direct compressed air jets towards objects that contain combustible or hazardous substances.
  - Protect live components from dust and debris blown by compressed air.
  - Ensure that compressed air is not blocked by or in contact with any part of your body.
- **ONLY** use clean, dry and regulated compressed air.

  WARNING! NEVER use oxygen, combustible gases or other bottled gasses as a supply for this product. Use of these substances may cause the product to explode.
- Use of a whip hose between the tools and the air supply is recommended to reduce vibration.

  CAUTION! Whipping hoses can cause severe injury. Always check for and replace damaged or loose hoses and fittings.
- Ensure that the product is compatible with the air supply before use.
- Ensure all connections are securely tightened.
- **DO NOT** exceed the maximum stated air pressure for each tool.
  - The pressure of the connected air supply **MUST NOT** exceed more than 10% of the rated pressure of the product.
- **DO NOT** obstruct the ability of the trigger to release once depressed.
- **NEVER** cover the tool nozzle while the trigger is depressed.
- **NEVER** carry the tool by the hose.
- Some parts of the tools may become hot during use.
  - Allow the nozzles and cups to cool after use before handling or adjusting them.
- **NEVER** spray flammable substances near open flames or sources of heat and ignition.
  - **DO NOT** smoke in the vicinity of this product.

5. Health and Safety Information

- **NEVER** spray solvents, solvent-based liquids, acetone or undiluted acids using the cleaning gun.
  - Spray mist from these substances is very dangerous and may be explosive.
- **ONLY** use biodegradable sprays with the cleaning gun and clean the tool immediately after use.

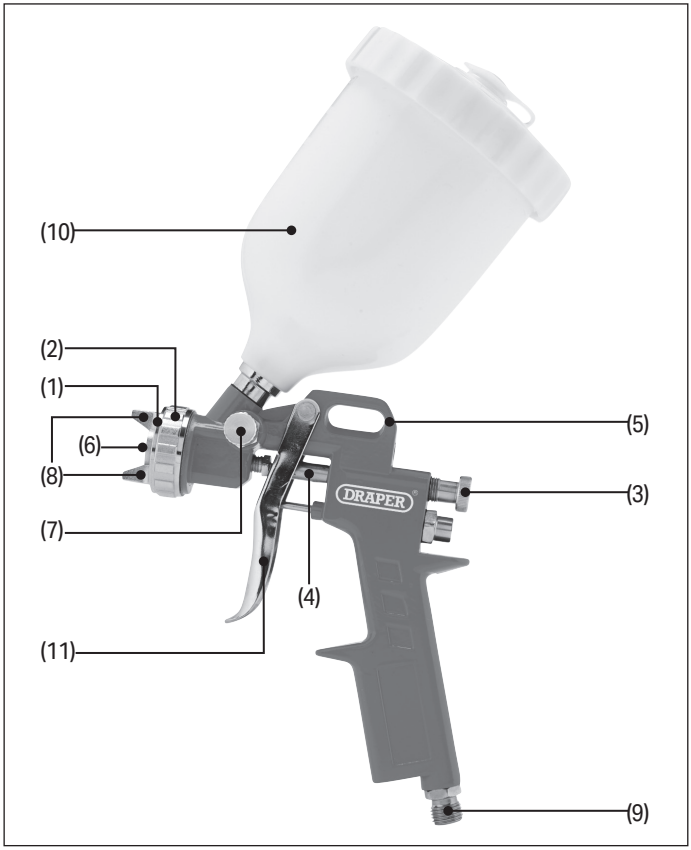
  WARNING! Blowing out of blind or narrow openings may cause excessive noise. ALWAYS ensure appropriate ear protection is worn during use.
- **ALWAYS** double-check tyre pressure against a BS 4613-compliant tyre pressure gauge after inflation.
- **DO NOT** use these tools in temperatures that do not fall within 0–40°C.

WARNING! The use of solvents that contain halogenated hydrocarbons in pressurised systems with aluminium or galvanised parts may cause chemical reactions that result in an explosion. This product contains components that will be affected by the presence of halogenated hydrocarbons.

DO NOT use halogenated hydrocarbons with this product. Many halogenated hydrocarbons can be identified by the presence of reductions of fluorine (e.g. fluoro-), bromine (e.g. bromo-), chlorine (e.g. chloro-) or iodine (e.g. iodo-).

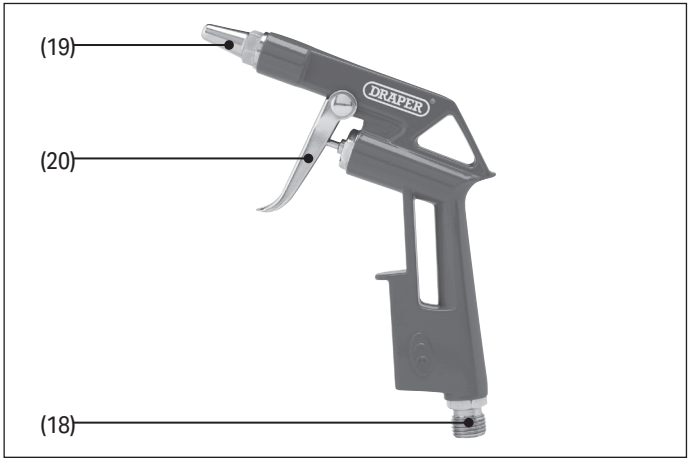
6. Identification and Unpacking

6.1 Product Overview



Paint spray gun

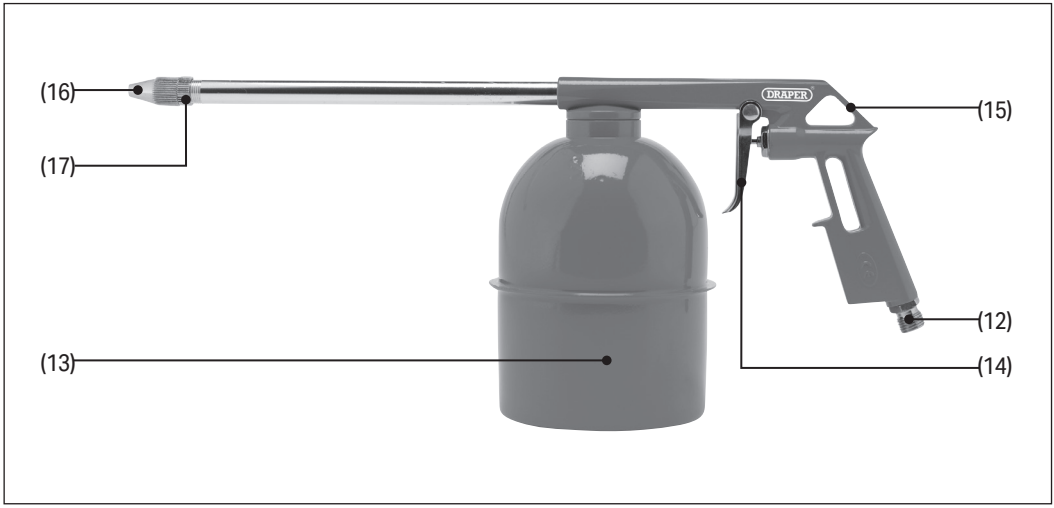
(1) Air cap
(2) Air cap locking ring
(3) Fluid control dial
(4) Fluid needle
(5) Hanging loop
(6) Nozzle
(7) Spray control dial
(8) Spray direction control
(9) Spray gun air line inlet
(10) Spray gun paint cup
(11) Spray gun trigger



Air gun

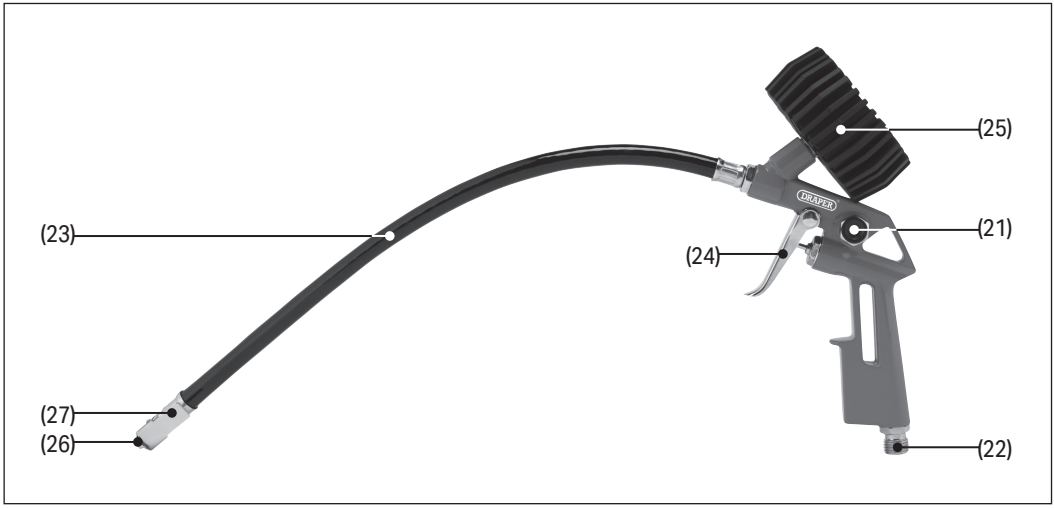
(18) Air gun air line inlet
(19) Air nozzle
(20) Air gun trigger

6. Identification and Unpacking



Cleaning gun

(12) Cleaning gun air line inlet
(13) Cleaning gun suction cup
(14) Cleaning gun trigger
(15) Hanging loop
(16) Nozzle
(17) Nozzle locking nut



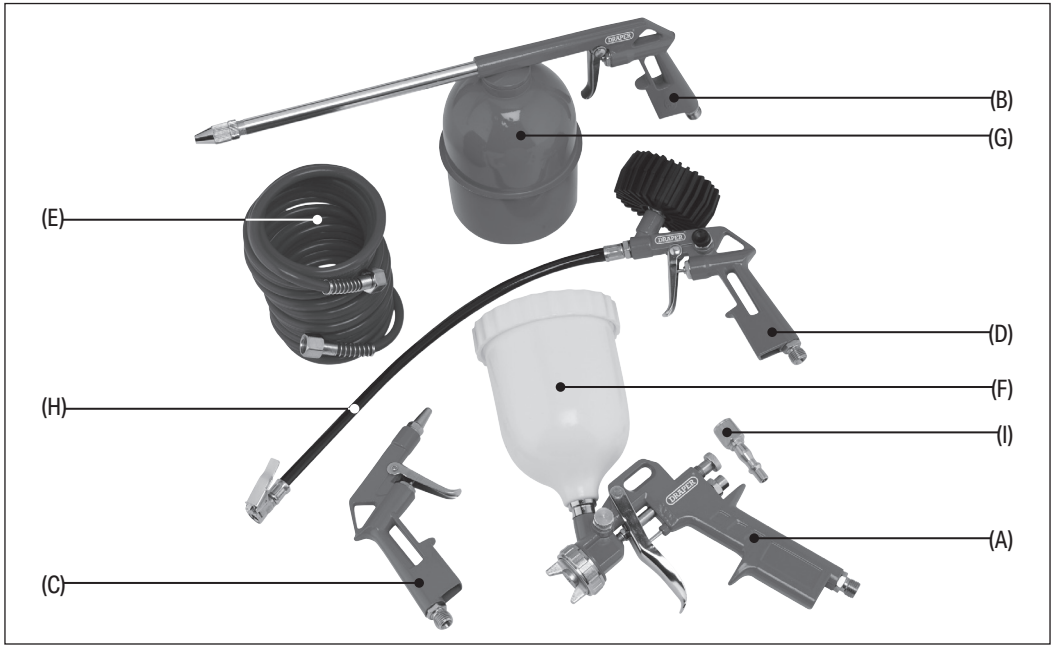
Tyre inflator

(21) Exhaust button
(22) Inflator air line inlet
(23) Inflator hose
(24) Inflator trigger
(25) Pressure gauge
(26) Valve coupling
(27) Valve coupling catch

6.2 What's in the Box?

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

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



(A) 1 x Paint spray gun
(B) 1 x Cleaning gun
(C) 1 x Air gun
(D) 1 x Tyre inflator
(E) 1 x 5m air hose (5mm inner Ø)
(F) 1 x Paint cup
(G) 1 x Suction cup
(H) 1 x Tyre inflator hose
(I) 1 x 1/4" BSP air line coupling

6.3 Packaging

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

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

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

7. Preparation Instructions

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

7.1 Preparing the Air Supply for Use with All Tools

The maximum operating pressure of these air tools is:

- **Paint spray gun:** 3.5bar (50psi)
- **Cleaning gun:** 8.0bar (115psi)
- **Air gun:** 8.0bar (115psi)
- **Tyre inflator:** 8.0bar (115psi)

The compressed air system must be controlled by a combination pressure regulator and moisture filter; this will ensure a constant supply of dry air at all times, provided it is properly maintained.

Important: Always check the machine operating pressure before use.

Water in the compressor tank may cause considerable corrosion to air tools; the compressor should be drained daily to avoid excessive water in the air supply. Dirty or wet air can significantly shorten the lifespan of the product.

When using an air tool with a hose over 25ft long, increasing the bore of the hose to the next largest available size is recommended (i.e. increase 3/8" to 1/2"). This will ensure adequate pressure and volume of air to power the tool.

Important: The tyre inflator **ONLY** should be used with a lubricator also installed in the air line.

CAUTION! DO NOT lubricate the air line when using the paint spray gun, cleaning gun, or air gun. For these tools, ensure that any oil device has been removed and any residual oil purged from the system before connecting the spray gun.

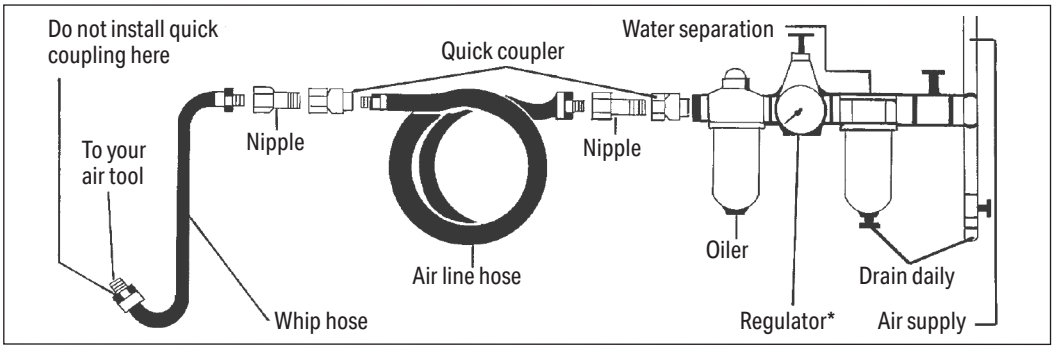


Fig. 1

7.2 Cleaning the Paint Spray Gun Before First Use

Before first use, the paint spray gun must be cleaned thoroughly to remove any oil, grease and the protective film applied before shipment.

1. Disassemble the tool and immerse all parts in spray gun cleaning fluid.
2. Soak the parts for a few minutes.
3. Allow the parts to dry and then wipe them clean with a damp cloth.
4. Assemble the tool (see **7.4**) and half-fill the spray gun paint cup (10) with thinners.
5. Squeeze the trigger to flush the thinners through the tool until the paint cup is empty.
6. Immerse and soak the assembled tool in the cleaning fluid for a few more minutes.
7. Allow the parts to dry and wipe them clean.

7.3 Cleaning the Cleaning Gun, Air Gun and Tyre Inflator Before First Use

Before first use, clean the cleaning gun, air gun and tyre inflator inside and out using compressed air. When connected to the air line, blast a few jets of compressed air through the tools before operation.

7.4 Assembly, Filling and Connection to the Air Supply

Important: It is recommended to use a 1/4" BSP thread whip hose (Stock No. 54438) to connect the spray gun to an air line in order to reduce vibration.

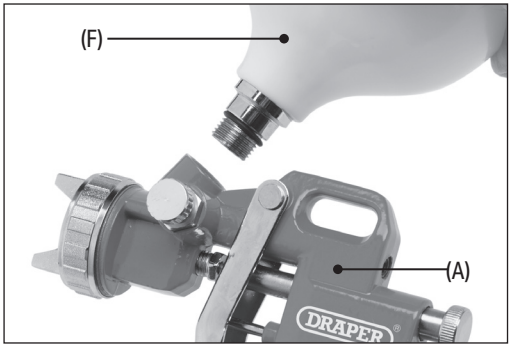


Fig. 2

1. Attach the appropriate cup to the correct thread on the tool body (Fig. 2):
   a. When using the spray paint gun (A), attach the paint cup (F) to the uppermost thread on the tool body.
   b. When using the cleaning gun (B), attach the suction cup (G) to the downward thread at the top of the tool body.
   c. Neither the air gun nor the tyre inflator requires a cup attachment.

7. Preparation Instructions

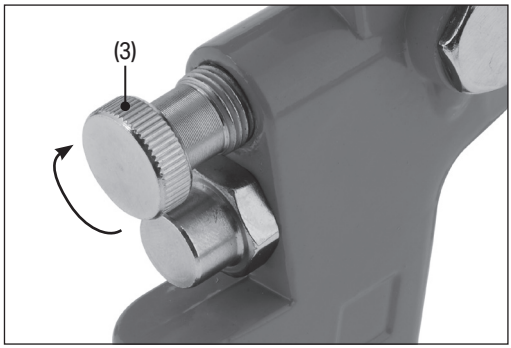


Fig. 3

2. If assembling the paint spray gun, rotate the fluid control dial (3) clockwise as far as possible to close the fluid valve (Fig. 3).

Fig. 4

3. Wrap a length of PTFE tape around the tool air line inlet (9) (12) (18) (22) (Fig. 4).

   Important: For a more secure seal, the PTFE tape should be wrapped in the opposite direction to the thread.

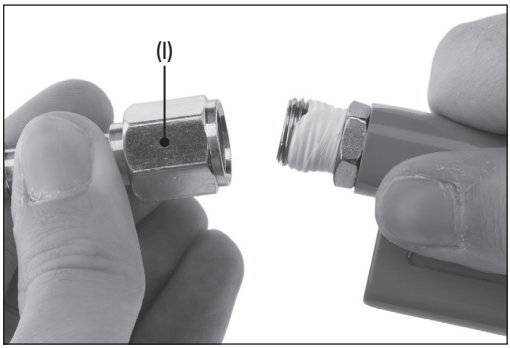


Fig. 5

4. Screw the 1/4" air line coupler (I) onto the spray gun air inlet (Fig. 5).

   If using a whip hose, attach a parallel union nut (Stock No. 25823) instead of the air line coupling.

5. Connect the air line to the air line coupling.

   If using a whip hose, wrap a length of PTFE tape around the whip hose inlet and attach it to the air line.

6. If attached, unscrew the cup lid and pour in the required quantity of fluid.

   Important: ALWAYS ensure that any paint is mixed and thinned and cleaning substances are diluted or treated according to the manufacturer's recommendations. **ONLY** use biodegradable sprays with the cleaning gun.

7. Pressurise the air line when you are ready to begin.

8. If using the air gun or tyre inflator **ONLY**, blast a few jets of the compressed air line through the tool to clear it of any residual debris.

Important: Before using this product, read and understand all the safety instructions listed in this manual. **DO NOT** make any adjustments to the paint spray gun while the trigger is depressed.

8.1 The Fluid Control Dial

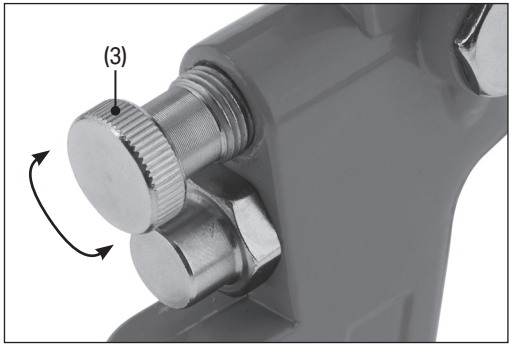


Fig. 6

The fluid control dial (3) adjusts the amount of paint that is released into the airflow and the density of the spray when the trigger is fully depressed (Fig. 6):

- **To increase the paint quantity and density:** Rotate the nozzle regulator anticlockwise.
  - The paint quantity should be increased when the spray gun is positioned further from the surface or when the paint mixture has a higher viscosity.
- **To decrease the paint quantity and density:** Rotate the nozzle regulator clockwise.
  - The paint quantity should be decreased when the spray gun is positioned closer to the surface or when the paint mixture has a lower viscosity.

8.2 The Spray Control Dial

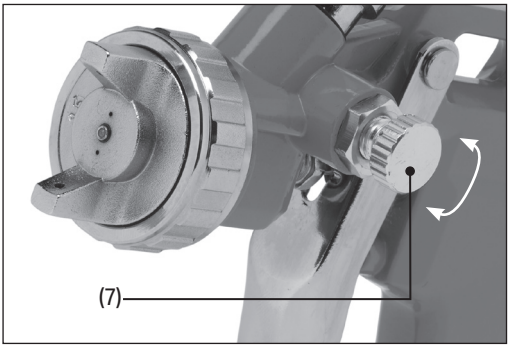


Fig. 7

The spray control dial (7) adjusts the shape of the paint jet released from the nozzle. The spray control dial can be rotated more than 360° (Fig. 7).

- **Fuller, flatter pattern:** Rotate the dial clockwise.
- **Narrower, rounder pattern:** Rotate the dial anticlockwise.

8.3 The Air Cap

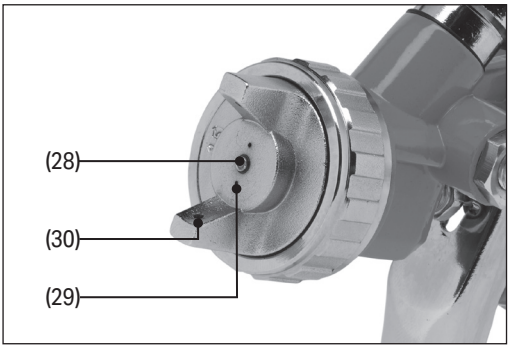


Fig. 8

The air cap (1) has three types of opening that affect the pattern of the fluid spray (Fig. 8):

- A hole for the nozzle head from which the fluid is dispersed (28).
- Atomising air holes (29) that break the fluid into a fine spray.
- Air horn holes (30) that shape the spray pattern as required.

Once the spray pattern has been set using the control dial, rotate the air cap to change the orientation of the jet.

Important: ALWAYS ensure that the air cap remains tightly secured after adjusting its orientation.

8.4 The Trigger

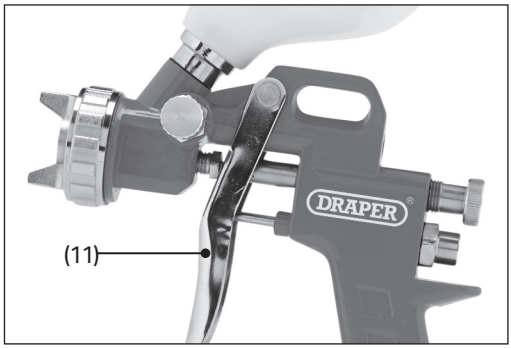


Fig. 9

Paint is released from the spray gun by squeezing the spray gun trigger (11) (Fig. 9):

1. First, squeeze the trigger until resistance is met; this opens the air valve.
2. Squeeze the trigger the rest of the way to draw the fluid pin back and release paint from the nozzle.
3. **Important:** Draper Tools recommends that you test the spray output on an area of scrap material before working on the actual surface. Adjust the control dials to produce an even flow in the desired pattern. **ALWAYS** release the trigger before making any adjustment to the spray gun.

8.5 Notes on Use

- Keep the spray gun 6–8" away from the surface during operation.
- Start moving the spray gun **BEFORE** squeezing the trigger to prevent a build-up of paint at the starting point.

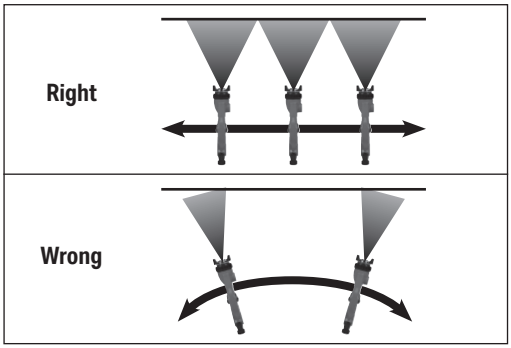


Fig. 10

- Move the spray gun with a smooth motion, keeping it perpendicular to and at a constant distance from the surface at all times (Fig. 10).
- **DO NOT** rock or pivot the spray gun as this will deliver uneven coverage of the surface.
- **DO NOT** hold the spray gun in a static position while the trigger is depressed as this will deliver uneven coverage.
- Slightly overlap the movements of the spray gun to ensure an even distribution at the edges of each stroke.
- Use a piece of scrap material at the edges of the area to prevent overspray and protect other surfaces.
- Alter the speed of the movement, the distance from the surface and the fluid control dial setting to adjust the thickness of the paint applied to the surface.
- Release the trigger **BEFORE** completing the spray gun movement at the end of the final stroke to prevent a build-up of paint at the finishing point.

9. Operating Instructions: Cleaning Gun

Important: Before using this product, read and understand all the safety instructions listed in this manual. **DO NOT** make any adjustments to the cleaning gun while the trigger is depressed.

9.1 The Nozzle

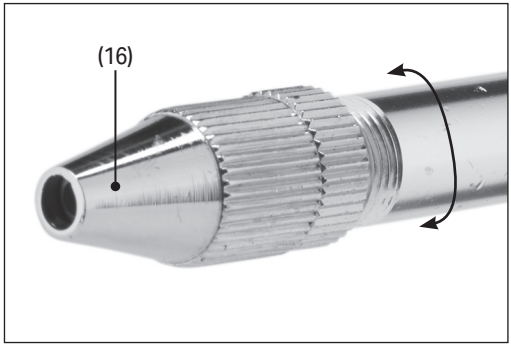


Fig. 11

The cleaning gun nozzle (16) can be adjusted to alter the amount of fluid that is expelled when the trigger is depressed (Fig. 11):

- **To increase the quantity of cleaning fluid:** Rotate the nozzle anticlockwise.
- **To decrease the quantity of cleaning fluid:** Rotate the nozzle clockwise.

Important: When decreasing the quantity of fluid, the nozzle locking nut (17) may need to be loosened before the nozzle can be adjusted. After adjusting the nozzle, ensure that the nozzle locking nut is tightened up against it.

9.2 The Trigger

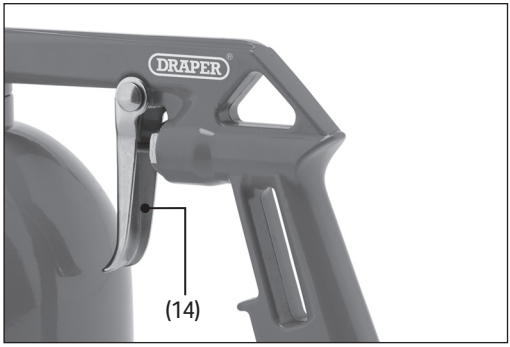


Fig. 12

Fluid is released from the cleaning gun by squeezing the cleaning gun trigger (14). The further the trigger is depressed, the greater the force with which the fluid is expelled. Release the trigger to stop the release of fluid (Fig. 12).

9.3 After Use

Important: ALWAYS clean the cleaning gun immediately after use and dispose of any unused cleaning fluid in accordance with local regulations.

10. Operating Instructions: Air Gun and Tyre Inflator

10.1 Air Gun

Important: Before using this product, read and understand all the safety instructions listed in this manual. DO NOT cover the nozzle while the trigger is depressed.

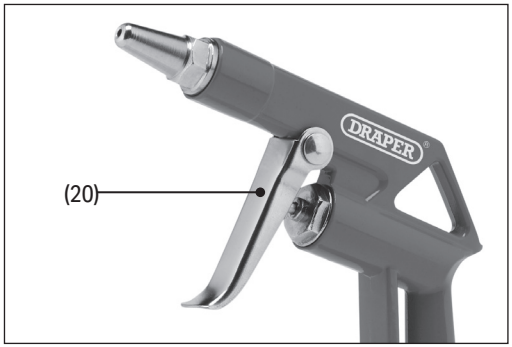


Fig. 13

Air is released from the air gun by squeezing the air gun trigger (20). The further the trigger is depressed, the greater the force with which the air is expelled. Release the trigger to stop the release of air (Fig. 13).

10.2 Tyre Inflator

Important: Before using this product, read and understand all the safety instructions listed in this manual. **ALWAYS** double-check tyre pressure against a BS 4613-compliant tyre pressure gauge after use.

1. Screw the tyre inflator hose (H) into the uppermost thread on the tool body and blast a few jets of compressed air through the tool to remove any residual debris from the hose.

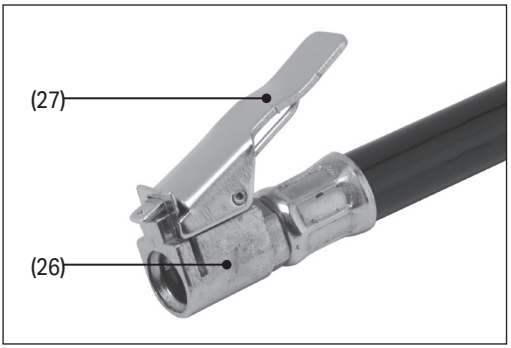


Fig. 14

2. Press and hold the valve coupling catch (27) and attach the valve coupling (26) to the tyre valve (Fig. 14).

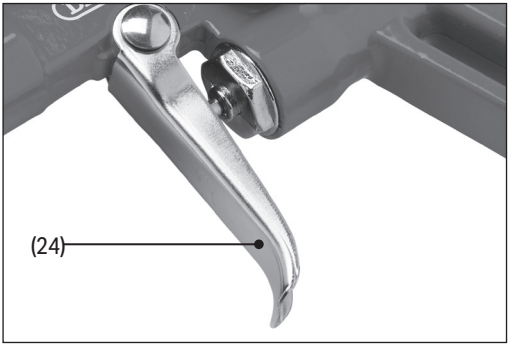


Fig. 15

3. Gently depress the inflator trigger (24) to begin inflating (Fig. 15).

   Important: The airflow can be controlled by increasing and decreasing pressure on the trigger.

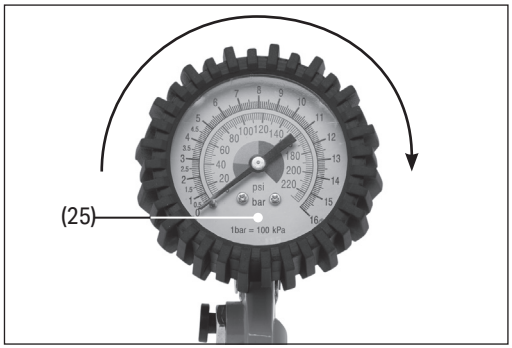


Fig. 16

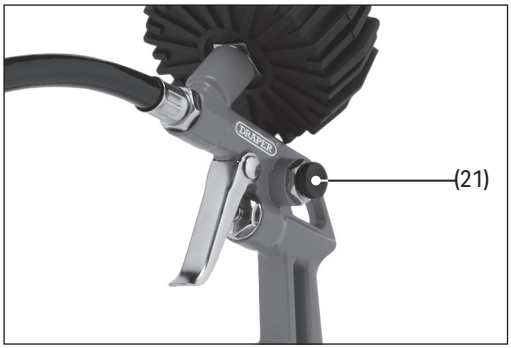


Fig. 17

4. Observe the value indicated on the appropriate scale of the pressure gauge (25) (Fig. 16).
5. When the required value is reached, release the trigger to stop the airflow.
6. To reduce the pressure in the tyre, press the exhaust button (21) (Fig. 17).

   Important: If air must be vented, **ALWAYS** reduce the pressure to below the desired value and reinflate. This will provide a more accurate reading.
7. Press and hold the valve coupling catch and slowly remove the valve coupling from the valve.

11. Maintenance and Troubleshooting

Important: Read all the Health and Safety information in this manual before attempting to maintain this product. All maintenance should be carried out **ONLY** by authorised and suitably qualified personnel.

WARNING! ALWAYS ensure that the tools are disconnected from the air supply and that the air supply is switched off before attempting to adjust or maintain this product.

11.1 General Maintenance

- Keep the tools clean and dry when not in use.
- Protect the tools from adverse weather conditions, both when in use and when stored.

CAUTION! NEVER lubricate the paint spray gun or cleaning gun or their accessories with oil, grease or any silicone-based product.

11.2 Cleaning the Paint Spray Gun

Important: ALWAYS ensure that any brushes are clean before use on any part of the paint spray gun. **DO NOT** use sharp objects to clean any openings on the spray gun as this may damage the internal parts.

CAUTION! DO NOT soak parts in solvents or cleaning fluids for too long as prolonged exposure may cause damage to the seals and other components.

1. Use compressed air to clean inside the air line inlet.
2. Clean the paint cup and fluid chamber:
   a. Remove the paint cup lid and pour any remaining fluid into a suitable container.
   b. Half-fill the paint cup with thinners and replace the lid.
   c. Squeeze the trigger and spray all the liquid through the tool.

      Important: ALWAYS spray the cleaning fluid safely into a suitable container.
   d. Repeat this process if the cleaning fluid is not completely clean when discharged.
   e. Wipe the paint cup clean.
3. Clean the air cap and nozzle head:

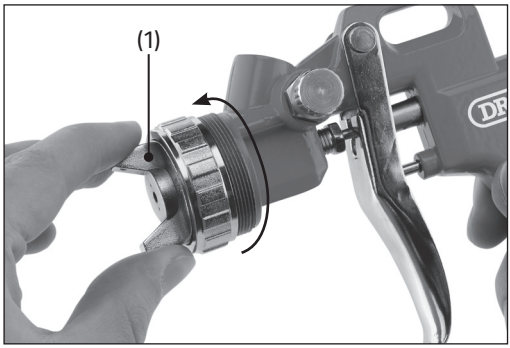


Fig. 18

   a. Twist the air cap (1) anticlockwise to remove it (Fig. 18).

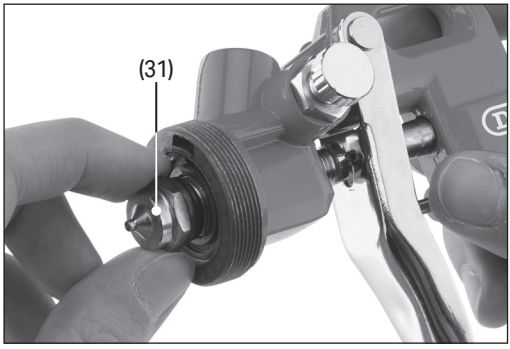


Fig. 19

   b. Remove the nozzle head (31) (Fig. 19).
   c. Soak the parts in a solvent to clear clogged holes or openings, then rinse clean.
   d. Clean the air cap and nozzle head using a soft brush or cloth.

CAUTION! Take great care to avoid damaging the openings in the air cap and nozzle head during cleaning as this will affect the spray pattern.

4. Clean the fluid needle and chamber:

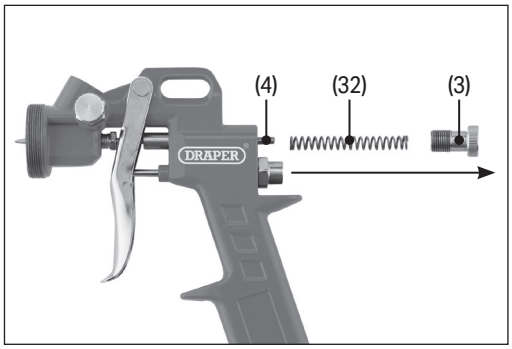


Fig. 20

   a. Rotate the fluid control dial (3) anticlockwise until it comes away from the spray gun body (Fig. 20).
   b. Remove the spring (32) and the fluid needle (4) from the chamber via the back of the spray gun.
   c. Soak the parts in the solvent and rinse clean.
   d. Clean all parts of the fluid needle using a soft brush or cloth.

5. Soak the spray gun body in the solvent, then rinse and brush it clean.
6. Reassemble the spray gun:
   a. Reattach the nozzle head.

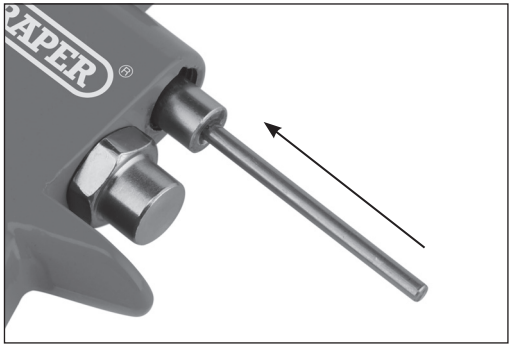


Fig. 21

   b. Insert the fluid needle point-first into the chamber through the back of the spray gun (Fig. 21).
   c. Pass the spring onto the flat end of the fluid needle and screw the fluid control dial back into both parts of the dial for a comfortable fit.
   d. Reattach the air cap and test the trigger to ensure smooth operation.

11.3 Cleaning the Cleaning Gun

1. Flush and fill the cleaning gun suction cup (13) with a mild cleaning agent.
2. Attach the suction cup to the cleaning gun body.
3. Squeeze the trigger and discharge the fluid until the suction cup is empty.
4. Rinse out the suction cup and allow it to dry.

11.4 Cleaning the Air Gun and Tyre Inflator

Clean all parts of the air gun and tyre inflator using a damp cloth or soft brush.

11.5 Storing the Tools

When the tools and their accessories are not in use:

- Switch off and disconnect the air line from the tool.
- Clean the tool thoroughly before storage.
- Store the tool in a clean and dry location, out of the reach of children.

11.6 Troubleshooting

Problem	Possible Cause	Remedy
General		
Air leaks from the air line inlet.	The connection to the air line is not airtight.	Check all connections between the tool and the air line.
	The air valve seal or spring is broken.	Replace the parts as necessary. Contact Draper Tools for repair and replacement options.
Air is leaking from the air cap or nozzle.	The air valve is sticking or bent.	Clean the air valve and replace it if it is bent or damaged. Contact Draper Tools for repair and replacement options.
	The air valve seal or spring is broken.	Replace the parts as necessary. Contact Draper Tools for repair and replacement options.
Fluid leaks from the nozzle when not in use.	Dust or dirt around the nozzle opening or fluid needle is preventing an airtight seal with the paint cup.	Clean the fluid needle and nozzle head.
	The nozzle, nozzle head or fluid needle is damaged.	Replace the nozzle head or fluid needle as appropriate. Contact Draper Tools for repair and replacement options.
The spray output splutters or is inconsistent.	The fluid level in the cup is too low.	Top up the fluid in the cup.
	Air is mixing with the fluid due to a leak or broken seal.	Check the tightness of the cup and the fluid needle bolt beside the trigger.
	The fluid needle or nozzle mechanism does not create a seal against the inside of the nozzle head when the trigger is released.	Clean or replace the fluid needle and nozzle head as necessary.

Problem	Possible Cause	Remedy
The fluid in the paint cup bubbles or boils.	The cup is not sealed or is not tightly attached to the tool.	Clean, tighten or replace the cup as appropriate.
	The tool is being held at an ineffective angle.	Hold the tool in a more upright position.
	The openings in the air cap are clogged or damaged.	Clean the air cap (see **11.2**) or replace the part if necessary. Contact Draper Tools for repair and replacement options.
The tool does not spray the fluid.	The air pressure at the tool is too low.	Check and regulate the air pressure accordingly.
	The fluid control dial setting is too low.	Rotate the fluid control dial or nozzle clockwise to increase the flow.
	The fluid is too viscous.	Thin the fluid as appropriate.
	The fluid level in the cup is too low.	Top up the fluid in the cup.
Paint Spray Gun		
The spray gun delivers a curved or one-sided spray pattern.	The openings in the air cap or nozzle are clogged or damaged.	Clean the air cap (see **11.2**) and nozzle or replace the parts if necessary. Contact Draper Tools for repair and replacement options.
The spray pattern is too thick.	The fluid viscosity is too high.	Thin the fluid as appropriate.
	The air pressure at the nozzle is too low.	Increase the air pressure and check the tool for leaks or blockages.
	The fluid needle or nozzle head has become worn and the separation between them has increased.	Replace the nozzle head or fluid needle as appropriate. Contact Draper Tools for repair and replacement options.
The spray pattern is too thin.	The fluid viscosity is too low.	Thicken the fluid as appropriate.
	The air pressure at the nozzle is too high.	Decrease the air pressure and check the tool for blockages.
The centre of the spray pattern is too narrow or the whole pattern is not wide enough.	The fluid viscosity is not appropriate for the spray gun and must be adjusted.	Increase the fluid viscosity for a thicker centre; decrease the fluid viscosity for a broader pattern.

Problem	Possible Cause	Remedy
Tyre Inflator		
The pressure gauge does not work correctly.	The valve coupling is not correctly attached to the tyre valve.	Ensure that the valve coupling is inserted up to the valve stop.
	The seal between the gauge and the tool is not airtight.	Check and tighten the gauge attachment.
	The seal between the hose and the tool is not airtight.	Check and tighten the hose attachment.
	The exhaust button is depressed or has a broken seal.	Check, tighten or replace the exhaust button.

12. Returns and Disposal

For servicing, repair and replacement options, please contact the Draper Tools Product Helpline for details of your nearest authorised agent. Any servicing or repairs carried out by unauthorised personnel 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.

Important: Dispose of paint and solvents separately and in accordance with local regulations. **DO NOT** abandon them in the environment.

13. Explanation of Symbols

Read the instruction manual

Warning!

Do not incinerate or throw onto fire

Do not abandon in the environment

Wear suitable eye protection and breathing apparatus

Wear ear defenders

Wear protective gloves

Keep out of the reach of children

Operating pressure range (psi) (example)

Operating pressure range (bar) (example)

Max. operating air pressure psi (example)

Max. operating air pressure bar (example)

Air inlet diameter

Air inlet diameter

Max. fluid capacity

Hose length

UK Conformity Assessed

European Conformity

Contact Details

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