



EN

Original Instructions
Version 1 – March 2025

37L, 60L & 98L ATV

SPOT & BROADCAST SPRAYER

26175, 26176, 26180



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: 37L, 60L & 98L ATV Spot & Broadcast Sprayer

Stock No: 26175, 26176, 26180

Part No: ATVSS37L, ATVSS60L, ATVSS98L

1.2 Revisions

Version 1: March 2025

First release

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

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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.

ATTENTION – 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. Product Introduction

3.1 Intended Use

This sprayer is designed to be mounted to an all-terrain vehicle (ATV) using the straps supplied to secure. The 26176 and 26180 sprayers are supplied with two lances: one to attach to the tank bracket for broadcast spraying and the other for hand operation using the trigger.

Ideal for spraying fertiliser, weed killer, de-icer and ethylene glycol products.

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.:	26175	26176	26180
Part No.:	ATVSS37L	ATVSS60L	ATVSS98L
Power supply:	12V DC battery	12V DC battery	12V DC battery
Pump fuse:	5A	15A	15A
Tank size:	37L	60L	98L
Max flow rate:	3.8LPM	7.5LPM	7.5LPM
Max pressure:	40PSI (2.76bars)	70PSI (4.8bars)	70PSI (4.8bars)
Hose length (approx.)	4.75M	4.75M	4.75M
Spray pattern:	Stream/Cone	Stream/Cone	Stream/Cone
Broadcast spray (height):	N/A	5.8M	5.8M
Dimensions (L×W×H):	710 × 300 × 270mm	840 × 345 × 375mm	840 × 350 × 520mm
Net Weight:			
Empty:	4kg	8.3kg	9.9kg
Full:	41kg	68.3kg	108kg
Component Materials *			
Tank:	High density polyethylene (HDPE)		
Suction tube:	Polypropylene, PVC, Stainless Steel		
Hose:	PVC		
Pump:	Polypropylene, Viton®, Santoprene®, Stainless Steel		
Valves:	PVC, Buna-N		
Gun and nozzle:	Nylon, Polyacetal, Aluminium		

- Before using any chemicals, check that the chemical is compatible with all the component materials listed above.

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, the product or the spray surface.

4.1 General Health and Safety Precautions



WARNING!

Chemical application safety.

- Caution must be taken when spraying chemicals to avoid unsafe exposure to humans, animals and the environment.
- Wear appropriate PPE (Personal Protective Equipment) when using this sprayer.
- This sprayer is heavy. **DO NOT** lift when it is full.
- Only use the sprayer for its intended purpose.
- Familiarise yourself with the applications and potential hazard of this sprayer.
- **ALWAYS** inspect and prepare the sprayer correctly before use.
- **DO NOT** turn the sprayer on until ready to spray to avoid unintentional spray release.
- Before starting the sprayer (26176 & 26180) ensure that the broadcast nozzle is orientated to spray straight down.
 - Incorrectly positioned broadcast nozzle may spray chemicals onto you or bystanders.
- **NEVER** spray in high winds to minimise spray drift.
- **KEEP** the area clear of children, unauthorised persons and pets. Restrict access to the area for the period recommended on the chemical label.
- The sprayer must **NOT** be operated by anyone under the age of 16 years old.
- **DO NOT** over apply pesticides and only apply at the rate recommended by the chemical manufacturer.
- Excess pesticide can be dangerous to humans and pets, damage plants and contaminate soil and water sources.
- **NEVER** point the sprayer nozzles at people or animals.
- **EXTRA CAUTION** is required when spraying near areas accessible to children and pets.
- **DO NOT** eat, drink, smoke, rub your eyes or touch any part of your skin while handling chemicals or spraying.

- **DO NOT** spray near open flames or sources of heat.
- **ALWAYS** clean up spills immediately following the chemical label instructions.
- **DO NOT** leave the sprayer unattended when not in use.
 - Turn off and relieve the system pressure before leaving the sprayer.
- **ALWAYS** clean the sprayer immediately after use.
- **ALWAYS** wash your hand and any exposed areas of your skin with soapy water immediately after spraying.
- **ALWAYS** store or dispose of unused chemical as recommended on the chemical label.

4.2 Power Supply Connection Safety

- The sprayer is only suitable for use with a 12V DC battery.
- Always ensure good contact with the 12V battery.
- If the battery terminals are corroded or dirty, clean them before using the sprayer.
- Disconnect the power after every use to avoid accidental starting.



WARNING! To prevent the risk of sparking, short circuit and possible explosion **DO NOT** drop metal tools onto the battery or allow them to touch the battery terminals.

- **DO NOT** use the sprayer if the clamp leads are damaged or worn.
- **ONLY** use the remote switch and clamps supplied with the sprayer.
- **DO NOT** cross-connect the clamps. Ensure positive (**RED**) clamp is to positive terminal and negative (**BLACK**) clamp is to negative terminal.
- **NEVER** touch both battery terminals at the same time.
- If battery acid comes in contact with eyes, skin or clothing, rinse immediately with plenty of cold clean water.

4. Health and Safety Information

4.3 ATV Vehicle Handling Safety

- When the sprayer is not in use, always switch off the vehicle, set the brake or block the wheels.
- Serious injury can occur if the ATV on which the sprayer is mounted is driven unsafely.



WARNING! Be aware that the vehicle handling will be affected with the filled sprayer attached:

- The ATV will be less stable when driving, braking and turning.
- **DO NOT** drive too fast or exceed 8kph.
- Take extra care on paved surfaces.
- Use extra caution on inclines or rough terrain.
- **NEVER** ride or transport cargo on the sprayer.

4.4 Chemical Accident Procedures

- In case of accidents such as chemical spills, sprayer leaks, personal contamination:
 - Stop spraying immediately and turn off the sprayer.
 - Follow the first aid instructions and any advice on the chemical label.
 - **Contact with eyes** – Flush out with plenty of water immediately.

- **Contact with skin** – Wash all contaminated skin with soap and water immediately.
- **Contaminated Clothing** – Remove contaminated clothing immediately. Dispose of heavily contaminated clothing following the instructions on the chemical label.

4.5 Residual Risk

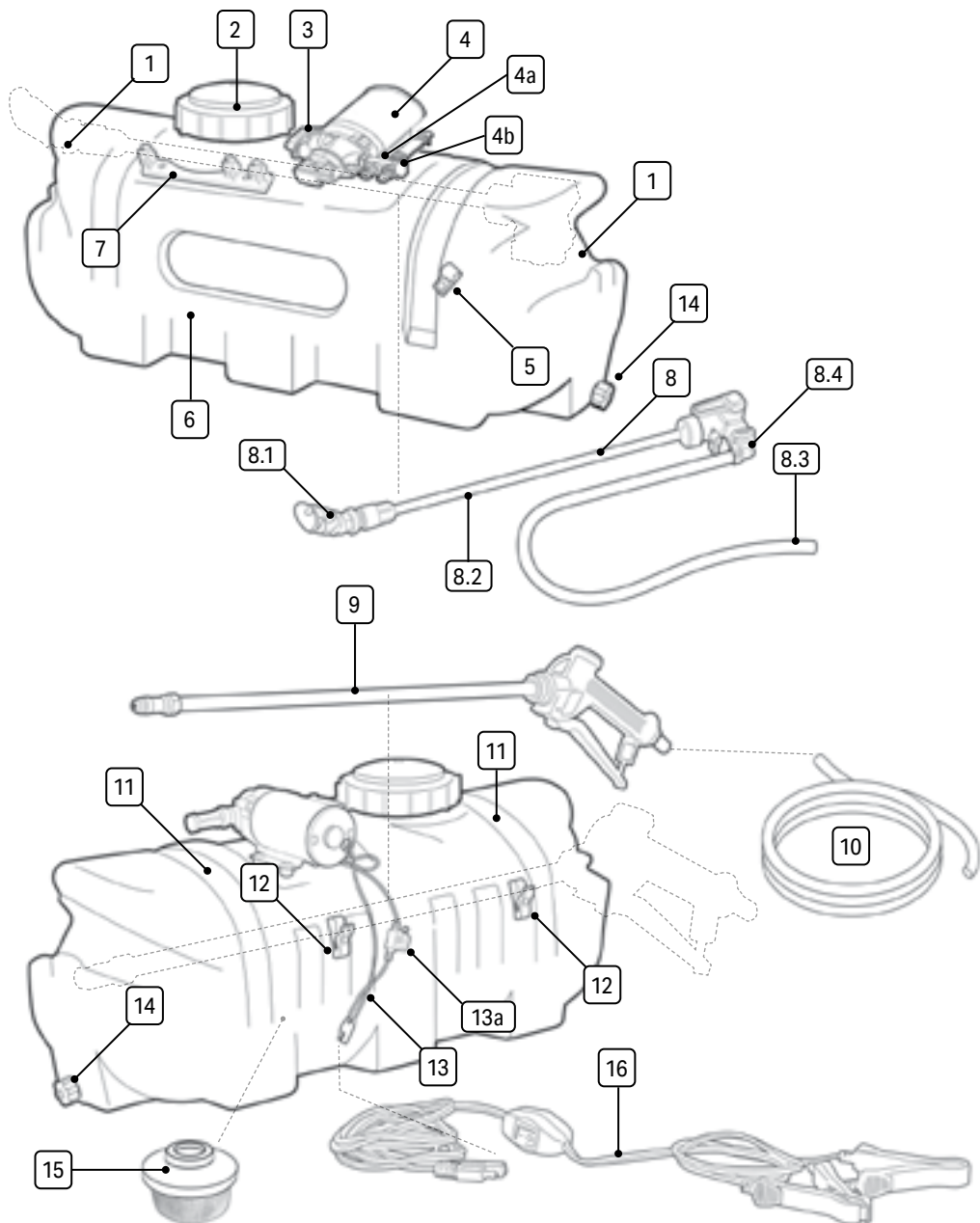
The safety instructions in this manual cannot account for all possible conditions and situations that may occur. Exercise common sense and caution when using this product and protect against any additional conceivable risks.

5. Identification and Unpacking

5.1 Product Overview

1	2 × Hose wrap	7	Broadcast lance bracket (26176 & 26180)	10	Spray gun hose
2	Filler cap	8	Broadcast lance assembly (26176 & 26180)	11	2 × strap recess
3	Pump suction tube (into tank)	8.1	Nozzle	12	2 × Spray gun lance clips
4	Pump	8.2	Lance	13	Pump power cord
4a	Broadcast lance hose connector	8.3	24" Hose	13a	Power cord fuse
4b	Spray gun hose connector	8.4	1 × Hose clamp	14	Drain cap
5	Spray gun hose guide	9	Spray gun	15	Pump suction filter (inside tank)
6	Sprayer tank			16	Remote switch

5. Identification and Unpacking



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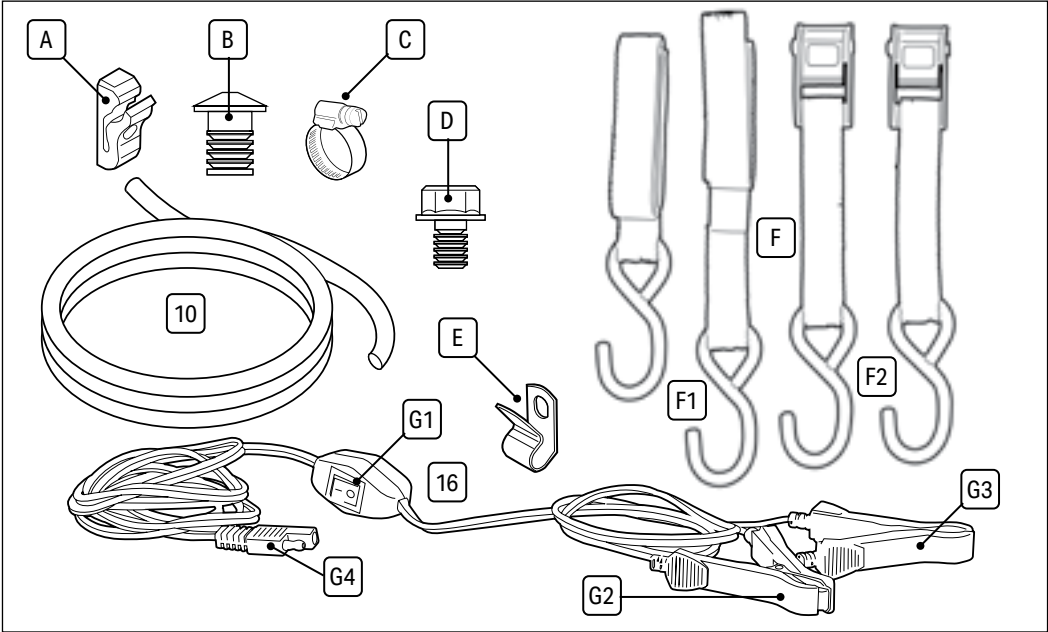
5. Identification and Unpacking

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.

ATTENTION! Small parts for assembly are shipped inside the tank.

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 2 × Spray gun lance clip

B 2 × Spray gun clip screw

C 3 × Hose clamp

D 1 × Hose guide bolt

E 1 × Hose guide

F Tank tie down straps

F1 2 × Strap

F2 2 × Strap with locking buckle

10 1 × Spray gun long hose

16 1 × Remote switch

G1 'ON/OFF' switch

G2 Red (+) positive clamp & lead

G3 Black (-) negative clamp & lead

G4 Connector to pump power cord

5.3 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.

6. Assembling the Sprayer

6.1 Attaching Spray Gun Lance Clips to Tank (Fig.1 - Fig.2)

- Attach the two spray gun clips [A] to the tank using the two screws [B] supplied to secure.

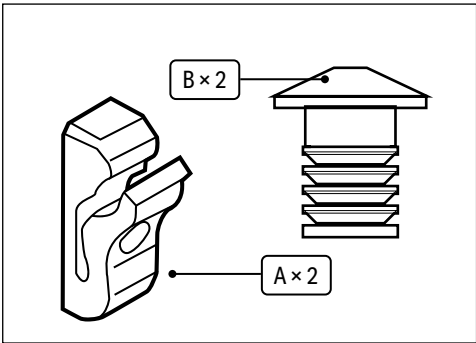


Fig. 1

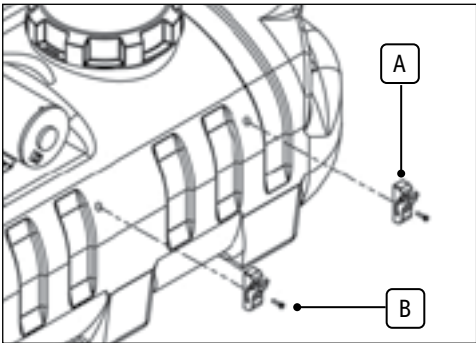


Fig. 2

6.2 Attaching Spray Gun Hose to Pump (Fig.3 - Fig.5)

1. Slide a hose clamp [C] over the end of the hose [10].

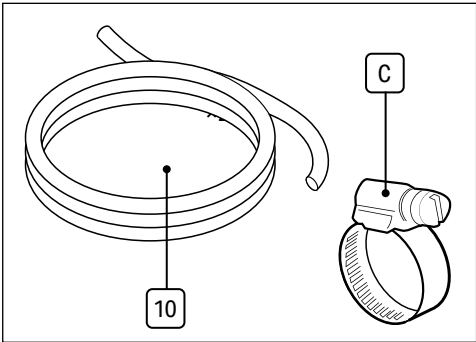


Fig. 3

2. Push the end of the hose onto the pump [4] connector [4b]. Then secure by tightening the hose clip.

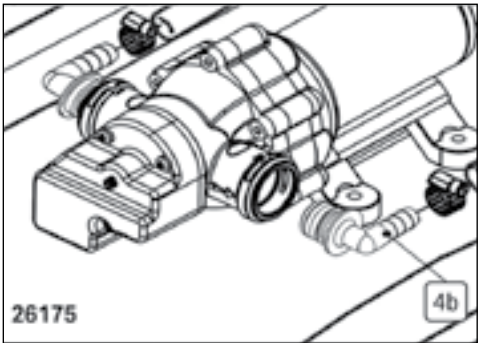


Fig. 4

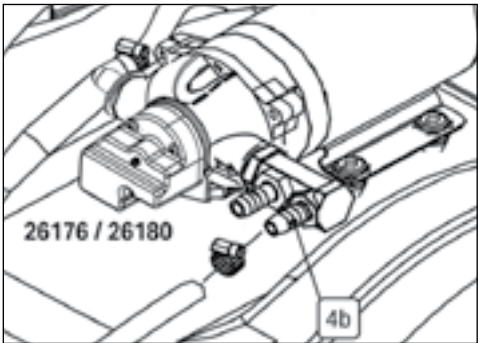


Fig. 5

6. Assembling the Sprayer

6.3 Attaching Spray Gun Hose Guide to Tank (Fig.6 – Fig.8)

- 1. Route the spray gun hose (10) through the hose guide (E).

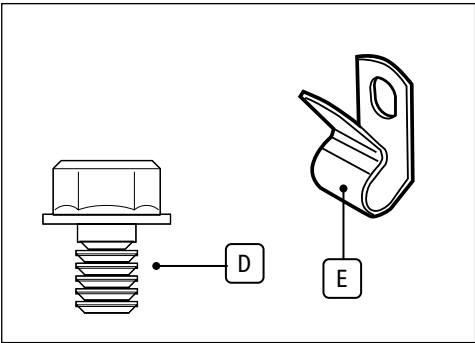


Fig. 6

- 2. Then secure the hose guide to the tank using the bolt (D).

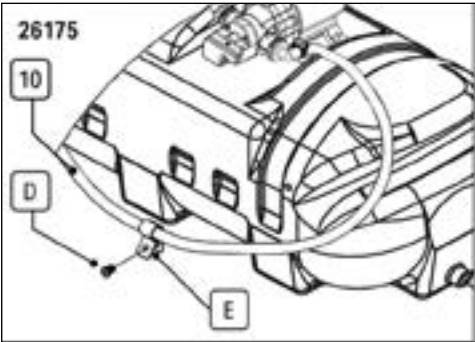


Fig. 7

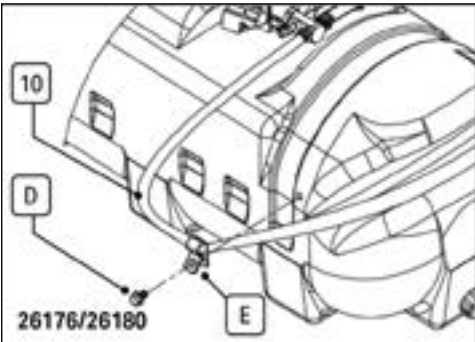


Fig. 8

6.4 Fitting Spray Gun to Hose (Fig.9)

- 1. Slide a hose clamp (C) over the end of the hose (10).
- 2. Push the end of the hose onto the spray gun (9) connector. Then tighten the clamp to secure.

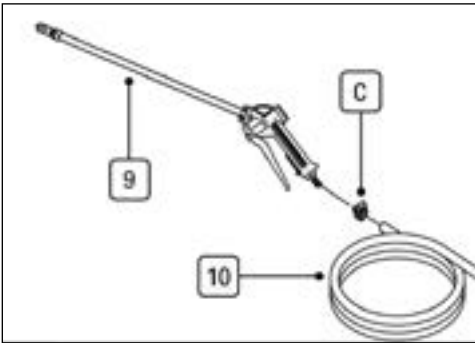


Fig. 9

6.5 Fitting Broadcast Lance Assembly to Tank (Fig.10) (26176 and 26180 only).

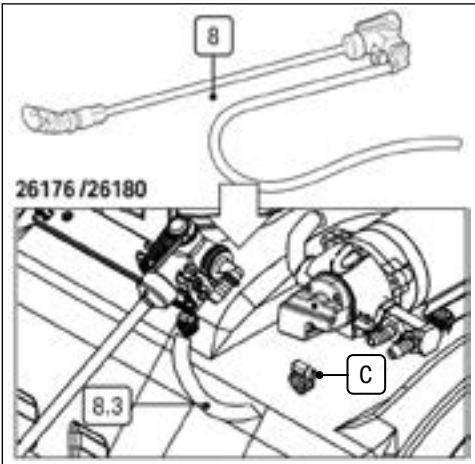


Fig. 10

- 1. Slide a hose clamp (C) over the end of the hose (8.3) attached to the broadcast lance assembly (8).
- 2. Then push the end of the hose onto pump connector (4a) and tighten the clamp to secure.
- 3. Clip the lance onto the bracket (7) on top of the tank.

7. Preparation Instructions

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

7.1 Attach Sprayer to Vehicle (Fig.11)

- **Note:** If the vehicle battery will be inaccessible once the sprayer is fitted, connect the remote switch **[16]** before securing the sprayer tank to the vehicle. Connect the sprayer tank securely to your ATV rack with the straps **[F]** supplied.

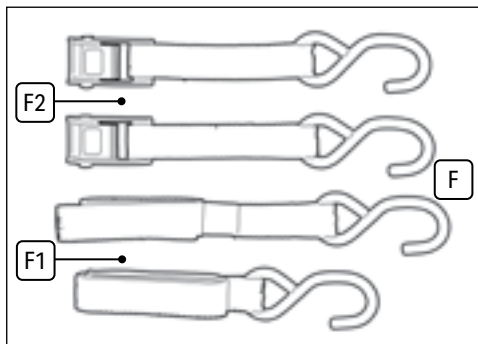


Fig. 11

7.2 Connect Remote Switch to Vehicle Battery (Fig.12)

WARNING! Batteries are hazardous as they contain caustic acid, can emit explosive gases and can cause electric shocks. Caution must be exercised when connecting the clamps to the vehicle battery.

1. Disconnect the vehicle's ground wire.
2. Connect the **RED** positive (+) battery clamp **[G2]** to the positive (+) terminal of the battery.
3. Then connect the **BLACK** negative (-) battery clamp **[G3]** to the negative (-) terminal of the battery.
4. Reconnect the battery's ground wire.

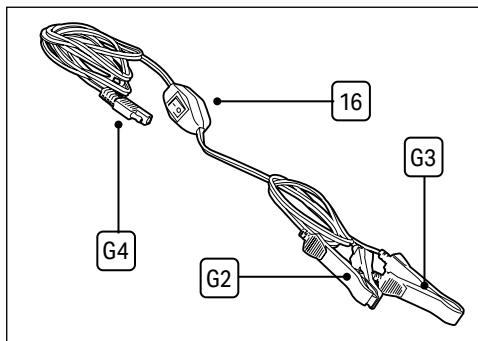


Fig. 12

7.3 Connect Remote Switch to Pump Power Cord (Fig.13)

Note: Ensure the 'ON/OFF' switch **[G1]** on the remote switch **[16]** is in the 'OFF' position before connecting.

- Connect the remote switch connector **[G4]** to the pump power cord **[13]**.
- Check that the connection is complete by turning the remote switch 'ON' and listening for the pump activation.

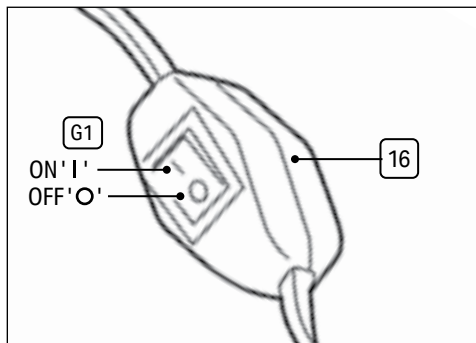


Fig. 13

7. Preparation Instructions

7.4 Disconnecting the Remote Switch from the Battery (Fig.14)

- **ALWAYS** disconnect the sprayer from the battery when not in use.
1. Turn the remote switch **(16)** to the '**OFF**' position and then disconnect from the pump power cord **(13)**.
 2. Then disconnect the vehicle battery's ground wire.
 3. Disconnect the **BLACK** negative (-) clamp from the negative (-) terminal.
 4. Then disconnect the **RED** positive (+) clamp from the positive (+) terminal.
 5. Reconnect the vehicle battery's ground wire.

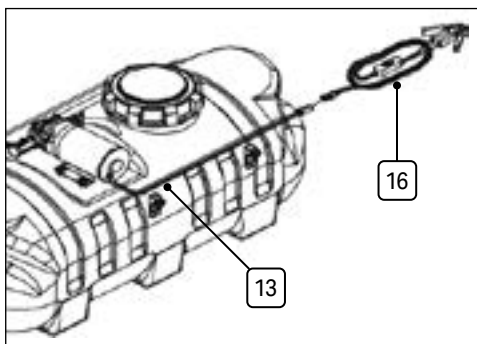


Fig. 14

7.5 Inspection and Tests to carry out before each Use (Fig.15)

Clean the Suction Filter

- Clean the filter **(15)** before each use to ensure it is not clogged and prevent residual chemicals from contaminating sprayer contents.
1. Ensure the tank is empty before accessing the filter.
 2. Remove the filler cap **(2)**.
 3. Gently pull up the pump suction tube **(3)** so the filter can be removed. Then wearing protective gloves, reach into the tank and remove the filter from the end of the suction tube.
 4. Rinse the filter under fresh water to remove any debris.
 5. Replace the filter on the end of the hose and refit the filler cap.

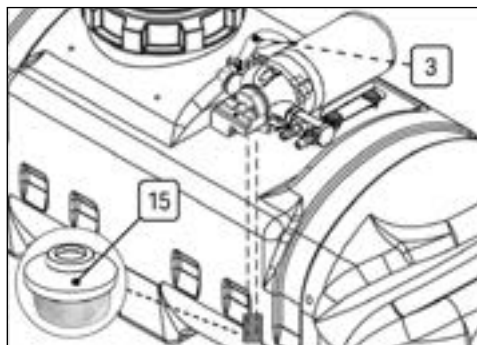


Fig. 15

Check the Tank for cracks and leaks.

1. Fill the tank with water.
2. Connect the remote switch to the pump and turn the remote switch '**ON**'.
 - The pump will automatically turn on and prime itself, then turn off.
 - When the gun trigger is squeezed the pump will automatically start.
3. Operate the spray gun **(9)** by squeezing the gun trigger.
4. Check for leaks throughout the system. If a leak is detected, repair and re-test before using the sprayer.

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.

- **Ensure the sprayer is securely attached to the vehicle.**
- **Ensure the sprayer has been thoroughly flushed and drained of all residual chemicals from previous uses.**
- **Inspect and test the sprayer thoroughly before each use.**
- **Always use appropriate PPE (Personal Protective Equipment).**

8.1 Fill the Sprayer (Fig.16)

Note: Before filling the spray check that the seal **14.1** is fitted to the drain cap **14**.

1. Select a safe, outdoors and well-ventilated area for mixing pesticides and filling the sprayer.
2. Check the drainage cap **14** is fitted and securely tightened.
3. Check the chemical label for the correct chemical/ water dilution ratio.
4. Determine the chemical mix quantity required for the planned application.

Note: Only mix the quantity required for the planned application to avoid over application and the need to store unused chemicals.

5. Remove the filler cap **2** located on the top of the sprayer.
6. Add the chemical mix through the filler hole.
7. Replace the cap and tighten securely.

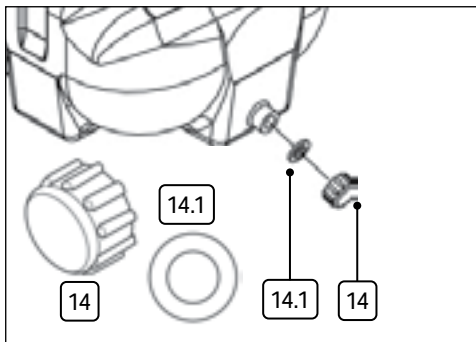


Fig. 16

8.2 Using the Sprayer (Fig.17)

1. Turn the remote switch 'ON' and operate the sprayer.
 - The pump will start automatically and will cycle on and off as needed to retain pressure in the hose.
 - If the sprayer becomes clogged or inoperative during use, switch off and disconnect from the battery immediately.
 - The broadcast lance and spot spray gun can be used together.

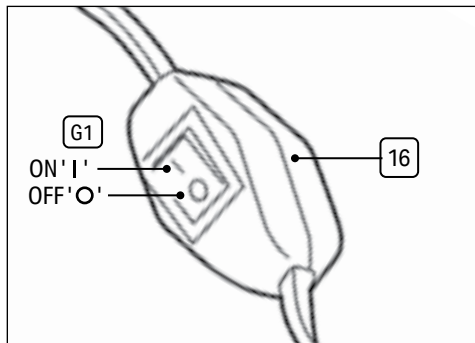


Fig. 17

8. Operating Instructions

Spot Spray Gun **9**

- Use to apply pesticide only on selected plants.
- To spray, squeeze the gun trigger and twist the spray nozzle to adjust from a straight stream to a cone spray pattern.

Broadcast Lance **8** (26176 & 26180) (Fig.18 – Fig.20)

- Use to spray large ground areas.

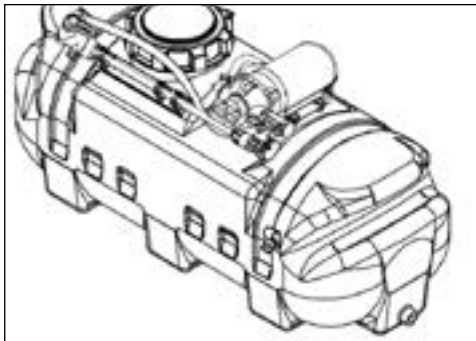


Fig. 18

1. Move the broadcast lance from the storage position into the broadcast position.
2. Locate the broadcast lance valve **8.5** and ensure it is in the 'OFF' position.
3. Turn the broadcast nozzle to ensure the spray pattern is pointing down and evenly distributed.
4. Turn the power 'ON' and turn the broadcast lance valve **8.5** to the 'ON' position.

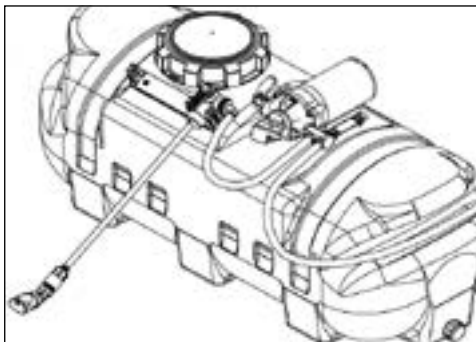


Fig. 19

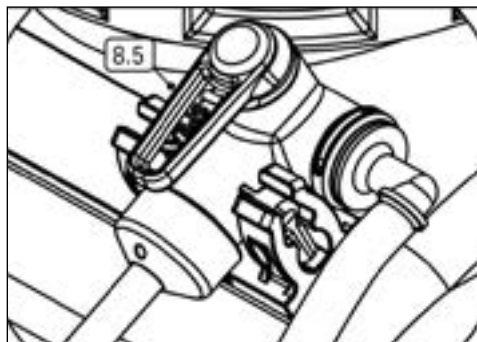


Fig. 20

Important: ALWAYS switch off and disconnect from the vehicle's battery before carrying out any cleaning, maintenance or repairs on this sprayer.

9.1 General Maintenance

- After use clean the sprayer and decontaminate yourself.
- Remove all clothing worn during spraying and wash separately from other clothes. Wash all exposed skin with soap and water.
- **DO NOT** store the sprayer with chemicals in the tank.

9.2 Draining the Tank

1. Disconnect the power and relieve system pressure by pressing the gun trigger.
2. Find a suitable container in which to drain any unused pesticide. Place the container under the drainage hole and unscrew the drainage cap **(14)**.
3. Refit the cap once draining complete.

9.3 Flushing the Sprayer

- Always follow the chemical manufacturer's recommendations.
1. Add fresh water to the tank.
 2. Reconnect power to the sprayer and operate the sprayer to discharge the water onto a suitable area.
 3. Add the chemical manufacturer's recommended cleaning solution and operate the spray gun.
 4. After flushing, disconnect the power and ensure the system pressure is relieved by squeezing the trigger.
 5. Dispose of the cleaning solution as recommended by the solution manufacturer.

9.4 Pump Fuse Replacement (Fig.21)

- If the fuse requires replacing lift up the cover **(13a)** and remove the fuse.
- Only replace with a fuse of the same rating and size (**26175 = 5A and 26176/26180 = 15A**).

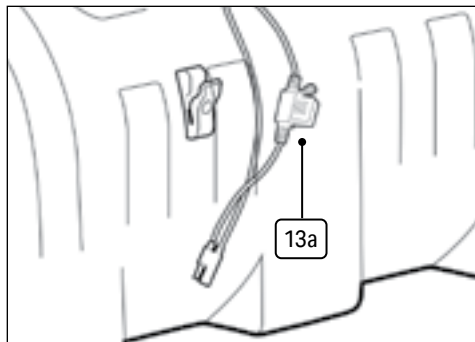


Fig. 21

9.5 Storage

- **DO NOT** store the sprayer with chemicals in the tank.
- Store any unused chemicals in their original or suitably marked container in a secure location out of the reach of children and animals.
- Store the spray gun and broadcast lance in the clips on the tank.
- Prepare the sprayer for end of season storage by running antifreeze through the system. This will keep the internal parts lubricate, protect against corrosion and prevent damaged from the unit freezing. Prepare as follows:
 - Pour four litres of antifreeze in the tank.
 - Turn on the pump and squeeze the trigger until fluid sprays.
- After removing from storage empty the antifreeze as follows:
 - Drain out the antifreeze into a suitable container.
 - Fill the tank with fresh water and operate the spray gun until the system is completely flushed through. Ensure the flushed water is captured and disposed of correctly.

9. Maintenance and Troubleshooting

9.6 Troubleshooting

Problem	Possible cause	Remedy
Pump will not turn on	Poor electrical connection	Check vehicle's battery connections
	Low voltage	Check voltage is 12V
Low pressure	Worn spray nozzle	Check and replace nozzle
Low flow	Clogged intake tube	Remove obstruction
	Clogged pump suction filter 	Clean suction filter – see section 7.5
Poor spray distribution	Clogged intake tube	Remove obstruction
	Clogged suction filter	Clean suction filter – see section 7.5
	Worn spray gun nozzle	Check and replace nozzle
Pump cycles but not spraying	Leak in the system	Inspect and tighten parts and check for leaks – see section 7.5

10. Spares, Returns and Disposal

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 this product with domestic waste; most local authorities provide appropriate recycling facilities.



11. Warranty

Warranty period is 12 months from date of purchase -Visit [drapertools.com/warranty](https://www.drapertools.com/warranty) for more information. However, if the tools are hired out, the warranty period is 90 days from the date of purchase.

12. Explanation of Symbols



Read the instruction manual .



Wear face mask and safety glasses



Wear protective gloves



Keep out of the reach of children



Warning!



WEEE –
Waste Electrical & Electronic Equipment
Do not dispose of Waste Electrical & Electronic Equipment
in with domestic rubbish



European conformity.



UK Conformity Assessed.

Contact Details

Draper Tools

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