



DRAPER[®]

230V

PARTS WASHERS

37825 & 37826



These instructions accompanying the product are the original instructions. This document is part of the product, keep it for the life of the product passing it on to any subsequent holder of the product. Read all these instructions before assembling, operating or maintaining this product.

This manual has been compiled by Draper Tools describing the purpose for which the product has been designed, and contains all the necessary information to ensure its correct and safe use. By following all the general safety instructions contained in this manual, it will ensure both product and operator safety, together with longer life of the product itself.

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

Whilst every effort has been made to ensure the accuracy of information contained in this manual, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.

1. TITLE PAGE

1.1 INTRODUCTION:

USER MANUAL FOR: 230V PARTS WASHERS

Stock Nos: 37825 & 37826

Part Nos: DPW1 & DPW2

1.2 REVISION HISTORY:

Date first published March 2020.

As our user manuals are continually updated, users should make sure that they use the very latest version.

Downloads are available from: <http://drapertools.com/manuals>

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1.3 UNDERSTANDING THIS MANUAL'S SAFETY CONTENT:

WARNING! – Information that draws attention to the risk of injury or death.

CAUTION! – Information that draws attention to the risk of damage to the product or surroundings.

1.4 COPYRIGHT © NOTICE:

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DECLARATION OF CONFORMITY	ENCLOSED
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3. WARRANTY

3.1 WARRANTY

Draper tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, please return the complete tool to your nearest distributor or contact

Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF. England.

Telephone Sales Desk: (023) 8049 4333 or Product Help Line (023) 8049 4344.

A proof of purchase **must** be provided with the tool.

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 covering parts & labour is 12 months from the date of purchase except where tools are hired out when the warranty period is 90 days from the date of purchase. This warranty does not apply to any consumable parts, any type of battery 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 warranty repair agent.

Note: If the tool is found not to be within the terms of warranty, repairs and carriage charges will be quoted and made accordingly.

This warranty applies in lieu of any other warranty expressed or implied and variations of its terms are not authorised.

Your Draper warranty is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the warranty period.

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

Draper Tools Limited.

4. INTRODUCTION

4.1 SCOPE

Suitable for degreasing parts prior to assembly.

4.2 SPECIFICATION

Stock no.	37825	37826
Part no.	DPW1	DPW2
Rated voltage	230V~50Hz	230V~50Hz
Rated input	15W	15W
Pump output (per hour)	227L	227L
Tank capacity.....	76L	12L

Dimensions;

Length:	800mm	470mm
Width:	550mm	340mm
Height:	890mm	250mm

Tank Internal;

Length:	725mm	400mm
Width:	490mm	230mm
Height:	270mm	230mm
Weight (machine only)	25kg	7.3kg

4.3 HANDLING AND STORAGE

If the machine is not cleaned and maintained correctly or regularly the components will become clogged and the machine will not perform at its best.

Always disconnect from power supply before moving. Use a second person to move safely.

5. HEALTH AND SAFETY INFORMATION

5.1 GENERAL SAFETY INSTRUCTIONS FOR POWER TOOL USE

Warning!

- Please read the following instructions carefully, failure to do so could lead to serious personal injury.
- When using electric tools, basic safety precautions, including the following, should always be followed to reduce the risk of fire, electric shock and personal injury.
- Read all these instructions before operating this product and save these instructions.

Important: Draper Tools Limited recommends that this machine should not be modified or used for any application other than that for which it was designed. If you are unsure of its relative applications do not hesitate to contact us in writing and we will advise you.

Know your power tool: Read and understand the owner's manual and labels affixed to the tool. Learn its application and limitations as well as the specific potential hazards peculiar to this tool.

Keep work area clean: Cluttered areas and benches invite accidents. Floors must not be slippery due to oil or sawdust.

Avoid dangerous environments: Do not use power tools in damp or wet locations, or expose them to rain. Keep work area well lit. Provide adequate space surrounding the work area. Do not use in environments with a potentially explosive atmosphere.

Keep children away: All visitors should be kept a safe distance from work area.

Stored tools: When not being used, all tools should be stored in a dry, locked cupboard and out of the reach of children.

Wear proper clothing: Do not wear loose clothing, neckties or jewellery (rings, wristwatches) to catch in moving parts. NONSLIP footwear is recommended. Wear protective hair covering to contain long hair. Roll long sleeves above the elbow.

Use safety goggles (head protection): Wear CE approved safety goggles at all times. Normal spectacles only have impact resistant lenses, they are NOT safety glasses. Also, use face or dust mask if application is dusty and ear protectors (plugs or muffs) during extended periods of operation.

Noise levels: Some types of machines may have high noise levels when working. In such cases ear protection must be worn.

Vibration levels: Hand held power tools produce different vibration levels. You should always refer to the specifications and relevant Health and Safety guide.

Dust extraction: If your tool is fitted with a dust extraction fitting, always ensure that it is connected and being used with a dust extractor. Vacuum cleaners can be used if suitable for the material being extracted.

Protect yourself from electric shock: When working with power tools, avoid contact with any earthed items (e.g. pipes, radiators, hobs and refrigerators, etc.). If you are using a power tool in extreme conditions (e.g. high humidity or generating metal dust), always use an RCD (residual current device) at the power socket.

Stay alert: Always watch what you are doing and use common sense. Do not operate a power tool when you are tired or under the influence of alcohol or drugs.

When working out of doors: Only use extension leads designed for that purpose.

Access to mains socket: If a stationary machine is fitted with a moulded plug and cable, the machine should not be positioned so that access to the mains socket is restricted.

Disconnect power to the tool: When not in use, before servicing and when changing accessories such as cutters, etc.

Avoid accidental starting: Make sure the switch is in the OFF position before plugging the machine into the power supply.

Never leave machine running unattended: Turn power off. Do not leave machine until it comes to a complete stop.

Do not abuse the cord: Never carry the tool by the power cable or pull it from the socket. Keep the power cable away from heat, oil and sharp edges. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid hazard.

Never stand on tool: Serious injury could occur if the tool is tipped or if the cutting tool is accidentally contacted. Do not store materials above or near the tool, so that it is necessary to stand on the tool to reach them.

Check damaged parts: Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, free running of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be repaired properly or replaced by an authorized service centre unless otherwise indicated in this instruction manual. Have defective switches replaced by an authorized service facility. Do not use the tool if the switch does not turn it on and off.

Keep guards in place: And in working order.

Maintain tools with care: Keep tool clean for the best and safest performance. Follow instructions for lubricating and changing accessories. All extension cables must be checked at regular intervals and replaced if damaged. Always keep the hand grips on the tool clean, dry and free of oil and grease.

Use recommended accessories: Consult the owners manual for recommended accessories. Follow the instructions that accompany the accessories. The use of improper accessories may cause hazards.

Remove adjusting keys and wrenches: Form a habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.

Do not overreach: Keep proper footing and balance at all times.

Use right tool: Do not force the tool or attachment to do a job for which it was not designed.

Do Not Force Tool: It will do the job better and safer at the rate for which it was designed.

Have your tool repaired by a qualified person: This electric tool is in accordance with the relevant safety requirements. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user.


5. HEALTH AND SAFETY INFORMATION

5.2 ADDITIONAL SAFETY INSTRUCTIONS FOR PARTS WASHERS

- Never over fill the parts washer. The level of the cleaning solution should be just below the parts tray.
- DO NOT use highly volatile flammable liquids, such as petrol. Use only recommended cleaning solution, i.e. Jizer, Gunk**.
- Use in a well ventilated area as some cleaning solution fumes may be toxic.
- DO NOT smoke, operate near a naked flame or machinery which may generate sparks.
- Avoid cleaning solution contact with skin and eyes. Always wear protective clothing which conforms to a recognised standard when necessary.
- In the event of a fire DO NOT ATTEMPT TO MOVE THE PARTS WASHER. The lid is fitted with a thermal fusible link and will automatically fall to extinguish any flames.
- **Note:** Never modify or jam the lid in an open position.

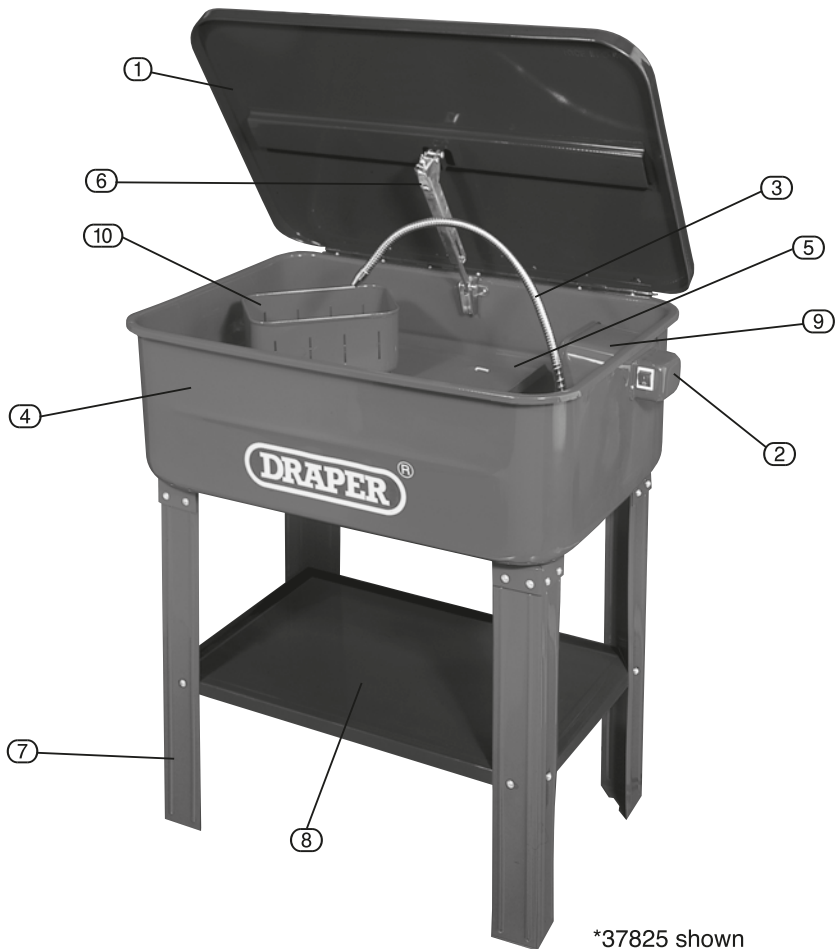
** Jizer and Gunk are registered trade names.

5.3 CONNECTION TO THE POWER SUPPLY (CHARGER)

- Make sure the power supply information on the charger's rating plate is compatible with the power supply you intend to connect it to.
- The charger used by this product is designed for connection to a domestic power supply rated at 230V AC.
- If an extension lead is required, use an approved and compatible lead rated for this appliance. Follow the instructions supplied with the extension lead.
- If using an extension lead, follow the instructions that came with your lead regarding maximum load while the cable is wound. If in doubt, ensure that the entire cable is unwound. Using a coiled extension lead will generate heat, which could melt the lead and cause a fire.
- †Double insulated : The charger used by this product requires no earth connection as supplementary insulation is applied to the basic insulation to protect against electric shock in the event of failure of the basic insulation.

6. TECHNICAL DESCRIPTION

6.1 IDENTIFICATION



- | | | |
|-----------------|-------------------------|--------------------------------|
| ① Lid | ⑤ Work shelf | ⑧ Stand shelf (DPW1 only) |
| ② On/off switch | ⑥ Fusible link | ⑨ Pump unit |
| ③ Fluid hose | ⑦ Stand leg (DPW1 only) | ⑩ Small parts tray (DPW1 only) |
| ④ Tank | | |

7. ASSEMBLY

7.1 DPW1 – FIGS. 1 – 4

Your parts washer is supplied assembled except for the stand, legs and shelf Fig.1. To assemble the stand to the machine:

1. Thread the screw (A) into the holes provided in the leg (B) and shelf (C) (Fig.2).
2. Secure into place using plain washer (D), split washer (E) and nut (F). Hand tighten nut onto the screw (Fig.3).
3. Repeat operations 1 and 2 for the remaining legs.
4. Now secure the tank to the legs (B) using the remainder of the nut and screws.

Note: Before using, remove the screws on the pump housing and remove the cover. Remove the polystyrene packing around the pump, then replace and secure the front cover.

5. Now securely attach the pump unit to the tank by sliding the switch unit over the tank so that it locates as shown in Fig.4
6. Screw the fluid hose (G) into the pump connector Fig.4.
7. Using a recommended cleaning solvent see page 8 (5.3 - no.2, cleaning fluid) fill to the required level, this should be below the work shelf, and above the pump unit intake.

7.2 DPW2

This parts washer is supplied fully assembled with only the fluid hose packed loose. Follow operations 6 and 7 only.



FIG.1

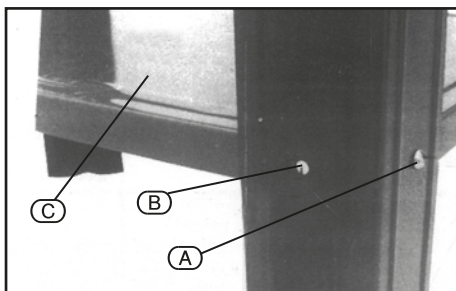


FIG.2

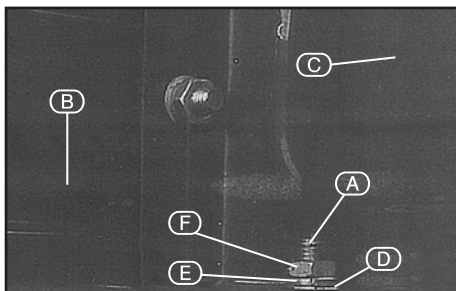


FIG.3

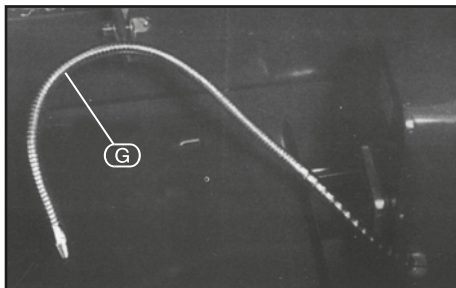


FIG.4

8. MAINTENANCE

8.1 MAINTENANCE

Note: Please note that all repairs and adjustments should be carried out by a qualified person.

The filter on this machine must be cleaned regularly, and replaced when required.

The cleaning solvent (fluid) must be changed as recommended by the manufacturer.

9. TROUBLESHOOTING

9.1 TROUBLESHOOTING

Problems	Possible cause	Required action
No power.	<ul style="list-style-type: none">– Power supply fuse blown.– Faulty power cable.	<ul style="list-style-type: none">– Replace fuse. This should be replaced immediately by a qualified person.
Pump is not producing full power.	<ul style="list-style-type: none">– Fluid inlet filter is blocked.– Air leaks at connectors or hoses.– Cleaning solvent (fluid) is heavily soiled.	<ul style="list-style-type: none">– Replace fuse. This should be replaced immediately by a qualified person.– Change the cleaning solvent (fluid).

10. DISPOSAL

10.1 DISPOSAL

- At the end of the machine's working life, or when it can no longer be repaired, ensure that it is disposed of according to national regulations.
- Contact your local authority for details of collection schemes in your area.

In all circumstances:

- Do not dispose of power tools with domestic waste.
- Do not incinerate.
- Do not abandon in the environment.
- Do not dispose of WEEE* as unsorted municipal waste



* Waste Electrical & Electronic Equipment.

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Service/Warranty Repair Agent:

For aftersales servicing or warranty repairs, please contact the Draper Tools help line for details of an agent in your local area.

YOUR DRAPER STOCKIST

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