

THE TOOL COMPANY

2400W QUIET GARDEN SHREDDER

■ STOCK No.74007

■ PART No.GSQ2400

• INSTRUCTIONS •

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS TOOL.



GENERAL INFORMATION

This manual has been compiled by Draper Tools and is an integrated part of the product with which it is enclosed and should be kept with it for future references.

This manual describes the purpose for which the product has been designed and contains all the necessary information to ensure its correct and safe use. We recommend that this manual is read before any operation or, before performing any kind of adjustment to the product and prior to any maintenance tasks. 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 tool 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 accuracy of information contained in this manual, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.



THE TOOL COMPANY

2400W QUIET GARDEN SHREDDER

■ STOCK No.74007

■ PART No.GSQ2400

CONTENTS:

Contents/Declaration	1
Specification/Guarantee	2
Power Supply	3
General Safety Instructions	4
Additional Safety Instructions	5
Getting to Know Your Garden Shredder	6
Assembly	7
Operation and Use	8 - 9



THE TOOL COMPANY

DECLARATION OF CONFORMITY

We
Draper Tools Ltd. Hursley Road, Chandler's Ford, Eastleigh, Hampshire.
SO53 1YF. England.

Declare under our sole responsibility that the product:

Stock No:- 74007.

Part No:- GSQ2400.

Description:- Quiet Shredder.

To which this declaration relates is in conformity with the following directive(s)
98/37/EC, 73/23/EEC, 89/336/EEC, 2000/14/EC.

With reference to: EN60335-1, DIN11004-1, DINVDE0730-2ZP, EN55014-1, EN55014-2,
EN61000-3-2, EN61000-3-3.

JOHN DRAPER
Managing Director

09/01/2004



SPECIFICATION

The Draper Tools policy of continuous improvement determines the right to change specification without notice.

Stock No.	74007
Part No.	GSQ2400
Voltage	230V/50Hz
Motor	2400W
Cutting capacity	40mm
RPM	42
Guaranteed maximum sound power level	93db(A)
Vibration level	2.5m/s ²
Weight	32kg

ALWAYS WEAR PROTECTIVE GLOVES, SAFETY GOGGLES AND EAR DEFENDERS.



GUARANTEE

Draper Tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship for a period of 12 months from the date of purchase except where tools are hired out when the guarantee period is ninety days from the date of purchase.

Should the machine develop any fault, please return the complete tool to your nearest authorized warranty repair agent or contact Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF. England. Telephone: (023) 8026 6355.

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

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








Your Draper guarantee is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the 12 month period.

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

Draper Tools Limited.

POWER SUPPLY

CONNECTING YOUR MACHINE TO THE POWER SUPPLY: (230V ONLY)

To eliminate the possibility of an electric shock your machine has been fitted with a BS approved, non rewirable moulded plug and cable which incorporates a fuse, the value of which is indicated on the pin face of the plug. If the plug is marked with the  symbol and the fuse needs replacing, an  approved BS1362 fuse must be used of the same amp rating. If the plug is not  marked, a fuse with the  symbol,  BS Kitemark, or both  and  BS Kitemark, of the same amp rating should be used.

The fuse cover is detachable, never use the plug with the cover omitted. If a replacement fuse cover is required, ensure it is the same colour as that visible on the pin face of the plug (i.e. red). Fuse covers are available from your Draper Tools stockist.


If the fitted plug is not suitable, it should be cut off and destroyed. *The end of the cable should now be suitably prepared and the correct type of plug fitted. See below.

*WARNING:

A plug with bare flexible wires exposed is hazardous if engaged in a live power socket outlet.

WARNING: THIS APPLIANCE MUST BE EARTHED.

The mains lead is coloured Green and Yellow - Earth, Blue - Neutral and Brown - Live. As these colours may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured green and yellow must be connected to the terminal in your plug marked with the letter 'E' or by the earth symbol  or coloured green or green and yellow.

The wire which is coloured blue must be connected to the terminal which is marked with the letter 'N' or coloured black or blue.

The wire which is coloured brown must be connected to the terminal which is marked with the letter 'L' or coloured red or brown.

EXTENSION LEAD CHART:

Extension lead sizes shown assure a voltage drop of not more than 5% at rated load of tool.

Ampere rating (on Name plate)	3	6	10	13
Extension cable length (Metres)	Wire Size mm ²			
7.5	0.75	0.75	1.0	1.25
15	0.75	0.75	1.0	1.5
22.5	0.75	0.75	1.0	1.5
30	0.75	0.75	1.25	1.5
45	0.75	0.75	1.5	2.5

NOTE: Use this product in conjunction with an RCD (Residual Current Device) Adaptor (Draper Stock No. 69307).



GENERAL SAFETY INSTRUCTIONS FOR POWER TOOLS

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.

1. 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.

2. KEEP WORK AREA CLEAN

Cluttered areas and benches invite accidents. Floors must not be slippery due to oil or sawdust.

3. 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.

4. KEEP CHILDREN AWAY

All visitors should be kept a safe distance from work area.

5. STORED TOOLS

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

6. 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.

7. 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.

8. NOISE LEVELS

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

9. VIBRATION LEVELS

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

10. 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.

11. 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.

12. 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.

13. WHEN WORKING OUT OF DOORS

Only use extension leads designed for that purpose.

14. 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.

15. DISCONNECT POWER TO THE TOOL

When not in use, before servicing and when changing accessories such as cutters, etc.

16. AVOID ACCIDENTAL STARTING

Make sure the switch is in the OFF position before plugging the machine into the power supply.

17. NEVER LEAVE MACHINE RUNNING UNATTENDED

Turn power off. Do not leave machine until it comes to a complete stop.

18. 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.

19. 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.

20. 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.

21. KEEP GUARDS IN PLACE

And in working order.

22. MAINTAIN TOOLS WITH CARE

Keep tools sharp and 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.

23. 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.

24. 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.

25. SECURE WORK

Use clamps or a vice to hold work. This frees both hands to operate the tool.

26. DO NOT OVERREACH

Keep proper footing and balance at all times.

27. USE RIGHT TOOL

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

28. DO NOT FORCE TOOL

It will do the job better and safer at the rate for which it was designed.

29. DIRECTION OF FEED

Feed work into a blade or cutter against the direction of rotation of the blade or cutter only.

30. WHEN DRILLING OR SCREWING INTO WALLS

Always make sure there is no danger of hitting any hidden power cables, water or gas pipes in the wall.

31. 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.

IMPORTANT NOTE:

Residual Risk. Although the safety instructions and operating manuals for our tools contain extensive instructions on safe working with power tools, every power tool involves a certain residual risk which can not be completely excluded by safety mechanisms. Power tools must therefore always be operated with caution!

ADDITIONAL SAFETY INSTRUCTIONS FOR GARDEN SHREDDERS

Please read through the entire operating instructions carefully and become familiar with the functions of the machine. This shredder has been designed for private use and is designed to cut organic kitchen waste as well as garden waste. The shredder may be used for other types of waste work which is not described in these instructions. Only the equipment provided by Draper that have been specifically designed for use with this machine, may be used. No changes may be made to the machine as this can lead to an increase in the risk of accidents.

- The operator is responsible for third parties present in the working area of the shredder. Never use the machine if other persons, especially children, or animals are nearby.
- When working with the shredder wear suitable clothing that are close fitting working clothes, protective gloves and boots with good soles. Protective glasses must be worn at all times and if wood is being cut, ear protectors must also be worn.
- Before starting the machine, please check that it is assembled correctly. It must be positioned on level, solid ground. Only work in good light. Prevent others from being endangered by taking care.
- When switching the motor on, ensure no cutting material is in the shredder. When working with the machine, do not stand in front of the ejection port.
- When the machine is running, never position face or other parts of the body in front of the feeding port or ejection port, never put your hands inside the feeding port or ejection port.
- Check the condition of the shredder for any damage to the blade or other moving parts regularly. Ensure that all screws and bolts are tight.
- When using the shredder ensure that no metal objects, stones or plastic material are feed into the shredder as this can damage the machine and can cause material to be thrown out of the feeding port. Always remove blockages immediately.
- Before leaving the machine, switch off the motor and pull the plug out of the socket.
- Only remove the container or clear the pile of chippings when the motor is switched off.
- Switch the motor off and pull the plug out of the socket and ensure that all moving parts have come to a standstill before removing any blockages, checking the shredder, cleaning it or leaving the shredder.
- If the shredder makes unusual noises or starts to vibrate more than usual, it must be checked immediately.
- Please remember that the blades keep turning for a short time once the motor has been switched off.

GETTING TO KNOW YOUR GARDEN SHREDDER



- | | |
|----------------------------------|-------------------------------|
| ① Emergency stop button | ⑤ Spanner |
| ② On/off, forward/reverse switch | ⑥ Cutting pressure adjustment |
| ③ Transport handle | ⑦ Inlet/ hopper |
| ④ Stand with wheels | ⑧ Outlet chute |

UNPACKING: After removing the packing material, make sure the product is in perfect condition and that there are no visible damaged parts. If in doubt, do not use the garden shredder and contact the dealer from whom it was purchased.

The packaging materials (plastic bags, polystyrene etc.), must be disposed of in an appropriate refuse collection container. These materials must not be left within the reach of children as they are potential sources of danger.

ASSEMBLY

NOTE: Remove the plug from the socket before carrying out adjustment, servicing or maintenance.

STAND ASSEMBLY (FIG.1 - 4)

Lay the shredder on a suitable surface so the outlet chute is facing upwards. Place the top frame (A) on the housing so the fixing holes line up. Place frame (B) in the concave section of the top frame (A).



Fig.1.

Secure in place using clamps (C) and bolts (D). Ensure the frames are correctly located and seated before fully tightening.

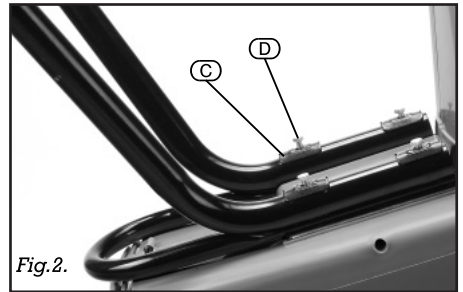


Fig.2.

Push two spacers (E) into the centers of the wheels (F). Pass the metal spacer (G) through the centers of the spacers (E).

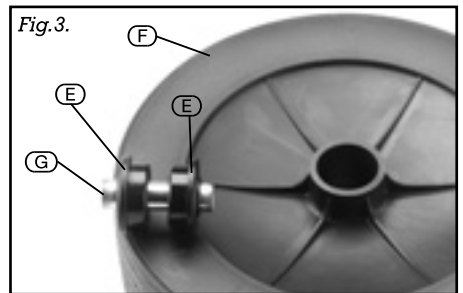


Fig.3.

Fix the axle tube (H) inside the main stand frame. Fix securely with clamps (I) and bolts (J). Pass the fixing bolts (K) through washer (L) and the wheel. Secure bolt (K) into the end of the axle tube (H). **NOTE:** Ensure the wheel is fixed with the recess facing outwards, to allow the hub cap to be clipped into place.

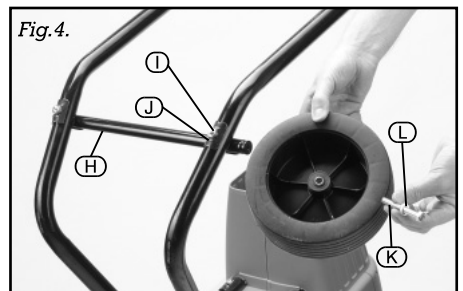


Fig.4.

OPERATION AND USE

NOTE:

Remove the plug from the socket before carrying out adjustment, servicing or maintenance.

SWITCH OPERATION (FIG.5)

The garden shredder is fitted with a no-volt type safety switch. In the event of a power failure the machine will require manually restarting once the break in power has been returned.

To switch the machine 'on' position the direction switch (M) down to select forward operation. Then rotate the on/off switch (N) clockwise into the 'I' position.

To switch the machine 'off' rotate the on/off switch (N) anti-clockwise into the 'O' position. In the event of an emergency, strike the stop button (O).

If the shredder becomes blocked turn the on/off switch to the 'O' position, slide the direction switch (M) up to select reverse, then switch the shredder back 'on' to clear the blockage.

NOTE: Should the blade become blocked with material the machine will switch into reverse or the automatic overload protection will cut in. This avoids damage to the motor.

With the machine disconnected from the power supply, clear the blockage, reset the direction switch and then continue as normal.

INSTRUCTION ABOUT CUTTING

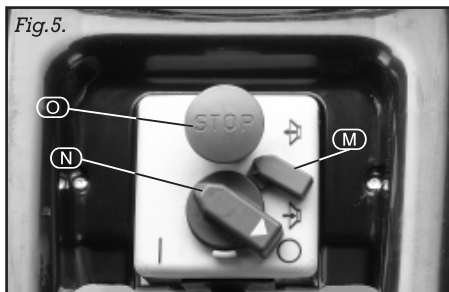
From the garden

Tree and hedge cuttings, berry shrubs, rose cuttings, old flowers, potato green, tomato bushes, bean and pea green, cut grass, hay and straw, vegetable waste, leaves, shrubs etc. When using a collection devise, do not allow material to build up and interfere with the outlet chute.

What can not be put in the shredder?

Stones, glass, metal parts, plastic, chemical cleaners, printed paper (magazines as well as brochures), thick wood and hard wood. (Basic rules: materials which cannot be put in the compost bin, cannot be put in the shredder).

Tree and hedge cuttings should always be put through the shredder whilst they are fresh to optimize cutting performance from the machine. Always wear gloves and goggles when feeding the material into the machine.



OPERATION AND USE

Overloading

Do not switch off the motor until the shredder is completely empty, otherwise the blade may be blocked when it is started up again, except in an emergency.

The shredder must not be loaded to the extent that the speed is reduced significantly.

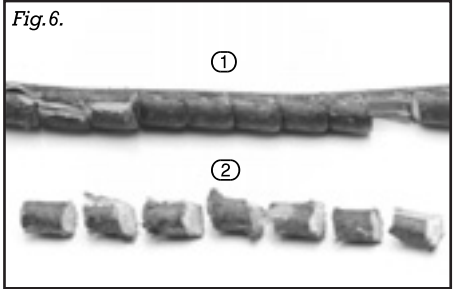
NOTE: ALWAYS WEAR GLOVES

CUTTING PRESSURE ADJUSTMENT (FIG. 6 - 7)

NOTE: The adjustment plate is a consumable part and will wear with use.

Pass a few medium size branches through and observe the results. If the shavings come out of the chute still attached to each other ①, adjustment is necessary until they separate ②.

To increase the cutting pressure, rotate adjustment knob (P) slowly with the machine running in the forward direction. When metal filings begin to fall, stop adjustment as it is now set. This will not require regular adjustment.

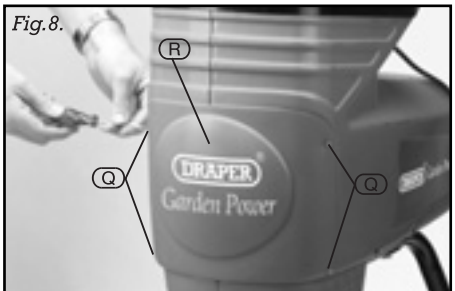


BLADE/ ADJUSTMENT PLATE REPLACEMENT (FIG. 8 - 10)

THIS SHOULD ONLY BE ATTEMPTED WITH A GOOD TECHNICAL BACKGROUND/KNOWLEDGE.

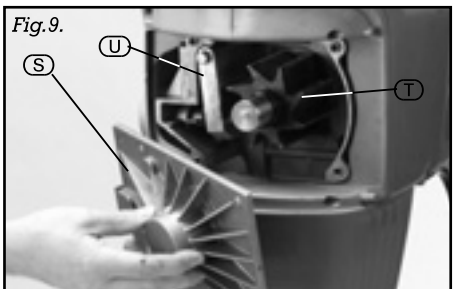
NOTE: Remove the plug from the socket before carrying out adjustment, servicing or maintenance.

Remove the 4 screws (Q) and the access panel (R).



Remove the 4 bolts with a 6mm hexagon key. Take a careful note during the next procedure to ensure the position of all the parts are observed to make reassembly more simple.

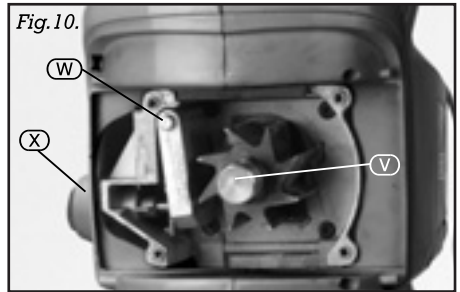
Slide the aluminum cover plate (S) away from machine. The blade (T) and adjustment plate (U), may come out together.

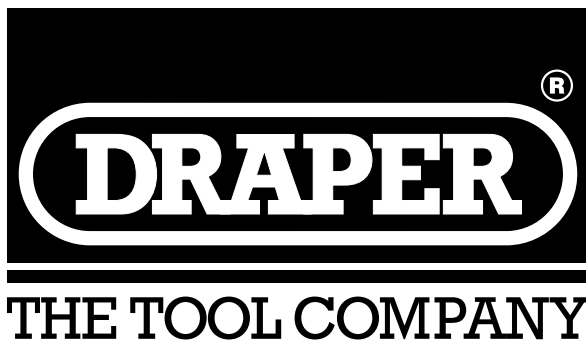


OPERATION AND USE

Replace the parts as necessary. Reassemble the blade with the hexagon drive engaged in the gearbox coupling and the dowel end (V) ready to engage into the aluminum cover plate. Push the pivot (W) for the adjustment plate into the correct aperture on the aluminum cover plate. Turn the cutting pressure adjustment knob (X) anti-clockwise to make the procedure easier. Slide the cover plate back into position ensuring all the components are correctly located. Secure in place with the four bolts and replace the access cover. Switch the shredder into operation and re-adjust the cutting pressure (see page 9)

NOTE: It is important that the grease and o-rings on the blade shaft, remain undisturbed.





DRAPER TOOLS LIMITED,

Hursley Road, Chandler's Ford, Eastleigh, Hants. SO53 1YF. U.K.

Helpline: (023) 8049 4344.

Sales Desk: (023) 8049 4333.

General Enquiries: (023) 8026 6355.

Fax: (023) 8026 0784.



<http://www.draper.co.uk>

e-mail: sales@draper.co.uk

YOUR DRAPER STOCKIST

©Published by Draper Tools Ltd.
No part of this publication may be reproduced,
stored in a retrieval system or transmitted in
any form or by any means, electronic, mechanical
photocopying, recording or otherwise without prior
permission in writing from Draper Tools Ltd.