

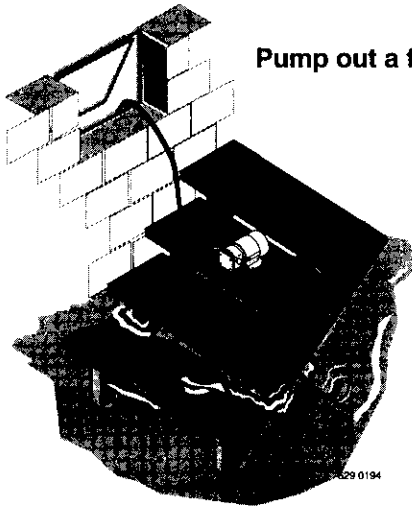
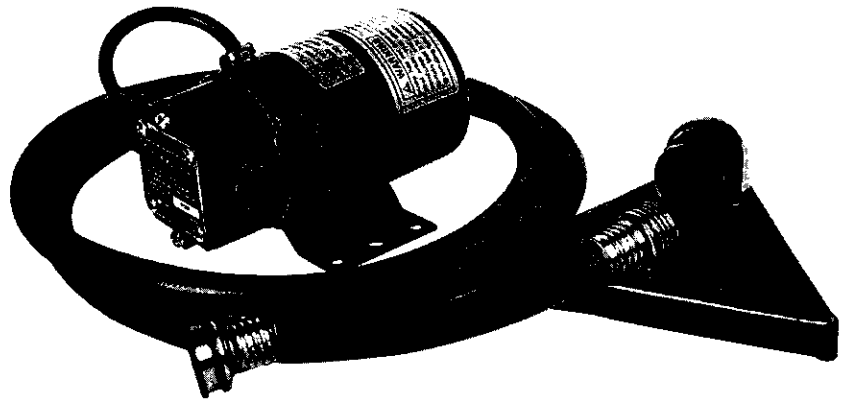
SEARS

OWNER'S MANUAL

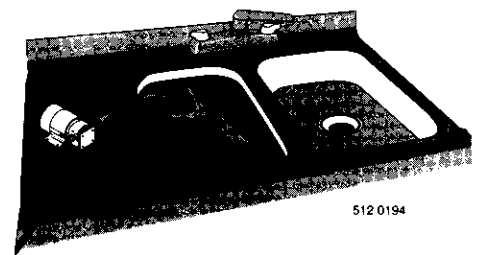
MODEL NO.
390.269151

CAUTION:
Read and Follow
All Safety Rules and
Operating Instructions
Before First Use of
This Product.

Save This Manual For
Future Reference.



Pump out a flooded basement.



Empty a clogged sink or tub.

CRAFTSMAN® PORTABLE UTILITY PUMP

- Safety Instructions
- Installation
- Operation
- Maintenance
- Repair Parts

Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.

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INTRODUCTION

Please read our instructions before you install and use your new pump, this will help you obtain full value and good service from it. It will also help you avoid needless service costs that result from causes we cannot control and cannot cover in our warranty.

FULL ONE YEAR WARRANTY ON CRAFTSMAN® 1/12 HP PORTABLE UTILITY PUMP

For one year from the date of purchase, Sears will repair or replace this pump, free of charge, if defective in material or workmanship.

This warranty does not cover repairs or replacement parts necessary because of abuse or negligence including failure to install, adjust and operate this pump according to the instructions in the owner's manual.

LIMITATION OF LIABILITY

SEARS WILL NOT BE LIABLE FOR LOSS OR DAMAGE TO PROPERTY OR ANY INCIDENTAL OR CONSEQUENTIAL LOSS OR EXPENSE FROM PROPERTY DAMAGE DUE DIRECTLY OR INDIRECTLY FROM THE USE OF THIS PRODUCT.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

WARRANTY SERVICE IS AVAILABLE BY SIMPLY CONTACTING THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES.

This warranty applies only while the product is in use in the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sears, Roebuck and Co., Dept. 817 WA, Hoffman Estates, IL 60179

READ AND FOLLOW SAFETY INSTRUCTIONS!

Carefully read and follow all safety instructions in this manual or on pump.

▲ This is the safety alert symbol. When you see this symbol on your pump or in this manual, look for one of the following signal words and be alert to the potential for personal injury!

▲ DANGER warns about hazards that **will** cause serious personal injury, death or major property damage if ignored.

▲ WARNING warns about hazards that **will** or **can** cause serious personal injury, death or major property damage if ignored.

▲ CAUTION warns about hazards that **will** or **can** cause minor personal injury or property damage if ignored.

The word **NOTICE** indicates special instructions which are important but not related to hazards.

- 1 To avoid risk of serious bodily injury and property damage, read safety instructions carefully before installing pump.
- 2 Follow local and/or national plumbing and electrical codes when installing pump.

INSPECTION

This pump was thoroughly inspected, tested, and packaged before shipment. Report any damage immediately to the store where it was purchased.

INSTALLATION

- 1 Locate pump as close as possible to water being pumped. Pump must be less than 10 feet (3m) above reservoir and less than 25 feet (7.6m) to one side of reservoir.
- 2 To help priming, pour contents of one mineral oil packet (supplied with pump) in inlet port. If packets are all gone, cooking oil may be substituted.
- 3 Mount pump solidly on a stable platform.
NOTICE: Protect motor from rain or washdown, it is enclosed but not waterproof.
- 4 Make sure washer in inlet fitting is clean and in good condition. If this joint leaks air, pump will not operate.
- 5 Install strainer to protect pump from large solids.
- 6 Attach inlet and discharge hoses to pump. Minimum diameter of inlet hose is 1/2" (12.7mm). Be sure inlet hose is airtight and that both hoses are free of kinks and restrictions.
- 7 When pumping from a well or stream, place suction end of inlet hose a few inches above the bottom to prevent the pump from sucking sand, silt or pebbles.

INSTALLATION / OPERATION / MAINTENANCE

8. Plug motor cord into a 3-wire grounded 115 volt A.C. outlet 60 Hz., protected by a 15 amp fuse.



Use this pump only on 115 volt circuit. Pump is equipped with an approved 3-conductor cord and 3-prong, grounding-type plug. To reduce the risk of electric shock, be certain that it is connected to a properly grounded, grounding-type receptacle.

Where a 2-prong wall receptacle is encountered, it must be replaced with a properly grounded 3-prong receptacle installed in accordance with the National Electrical Code and local codes and ordinances.

NOTICE: Pump depends on water being pumped for lubrication. **DO NOT RUN PUMP DRY!**

9. Pump should prime within 30 seconds. If not, disconnect motor and do the following:
- Disconnect inlet hose at pump. Pour contents of another mineral oil packet into inlet port.
 - Check washers in inlet hose and make sure inlet line is airtight.
 - Make sure inlet and discharge line are free of kinks and restrictions.
 - Make sure pump is less than 10' (3m) above and 25' (7.6m) to one side of water source.
10. On older pumps that do not prime within 30 seconds, check step 9 above. If pump still fails to prime, do the following:
- If impeller is worn, replace it.
 - If pump head is internally worn, replace it.

NOTICE: When using the Pud-L-Scoop™, inspect washer in garden hose fitting to be sure it is in good condition. Attach Pud-L-Scoop™ to end of inlet line and place at lowest point of area to be pumped. Be sure connections are air tight. Pud-L-Scoop™ requires at least 1/8" (3.2mm) minimum water depth to prime.

NOTICE: This unit is not designed for applications involving salt water or brine! Use with salt water or brine will void warranty.

OPERATION

NOTICE: Do not run pump dry. Pump depends on water being pumped for lubrication. If pump does not prime in less than 30 seconds, recheck installation and plumbing. Pump water only with this pump.

Pump will deliver 285 gallons (1079L) per hour (4.75 gallons (18L) per minute) when discharge is not restricted. As discharge is shut off and discharge pressure increases, capacity will drop off. Pump is UL listed up to 28' of head or 12 psi (8.5M or 82 kPa) discharge pressure.

Motor will heat when operated continuously. Motor case temperature may reach 180° to 190°F (82° to 88°C) during normal continuous operation.

CAUTION Risk of burns from motor case during normal operation. Do not touch motor when it is operating or when it is hot. Plug motor cord into 3-wire grounded 115 volt A.C. outlet 60 Hz.

WARNING Risk of fire or explosion if used to pump flammable liquids or if used in explosive atmospheres. Pump is designed to pump water at temperatures between 32°-77° F (0°-25° C) only. Pump water only with this pump!

MAINTENANCE INSTRUCTIONS

WARNING Hazardous voltage. Can shock, burn, or cause death. Unplug pump before servicing.

BRUSH REPLACEMENT

Replace brushes after 150-200 hours of motor operation. Check brush condition if motor shows signs of running slowly or erratically after pump has been in service for a period of time.

NOTICE: Brushes are spring loaded. Hold on to covers, brushes, etc., so that nothing gets lost.

- Unscrew brush covers on sides of motor. Slide brush springs and brushes out of motor.
- Slide new brushes into motor. Brush must slide into square-cut hole in motor; make sure that curve on brush end matches curve of commutator (see Figure 1).
- Replace brush covers. Do not overtighten.

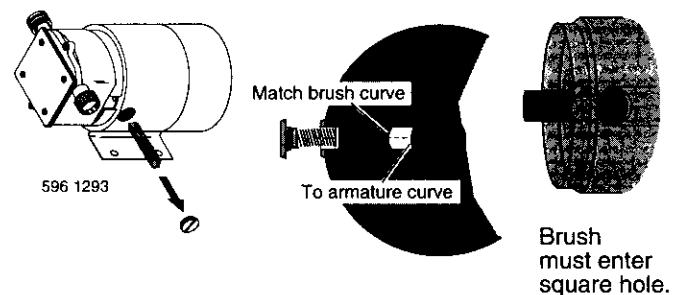


Figure 1 - Brush Replacement

MAINTENANCE

PUMP OVERHAUL

Step 1 (Figure 2)

- Remove 4 body screws (Key 1), front wearplate (Key 2), O-Ring (Key 3), and Impeller (Key 4).
- Clean out inside of pump body.

Step 2 (Figure 3)

- Remove back wearplate (Key 6) and set aside.
- If seal is leaking, remove 2 body bolts (Key 5) and pump body (Key 7, Figure 4).

Step 3 (Figure 4)

- Remove seal retainer (Key 9) with screwdriver and remove seal (Key 8). Install the new seal with lip facing toward impeller side of pump body. Press seal retainer (Key 9) squarely and firmly into seal bore of body.
- Check motor shaft for wear under seal area. If grooved or worn, replace motor.

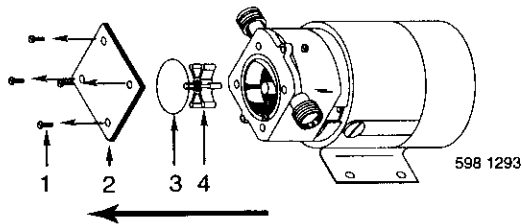


Figure 2 – Disassembly

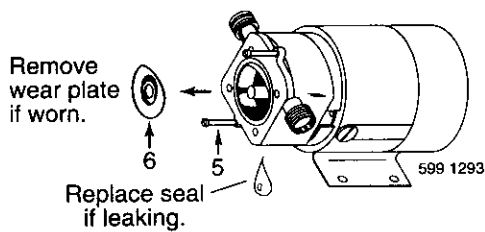


Figure 3 – Remove wear plate and set aside.

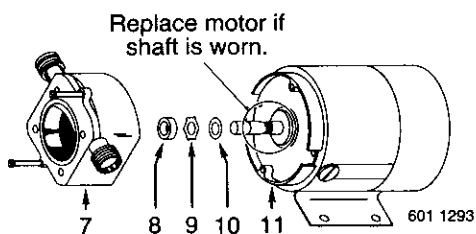


Figure 4 – Replace motor if shaft is worn.

Step 4 (Figure 5)

- Attach pump body (Key 7) to motor with 2 body bolts (Key 5).
- Install inner (back) wearplate (Key 6) in body bore with unworn surface toward impeller.

Step 5 (Figure 6)

- Lightly grease inside of pump housing with a lithium based grease to ease installation of impeller (Key 4). Other greases could damage impeller.
- Line up flat on motor shaft with flat inside impeller insert.
- Push impeller into pump body using clockwise twist to bend impeller blades in direction of motor rotation.

Step 6 (Figure 7)

- Install O-Ring (Key 3) and front wearplate (Key 2). If front wearplate is worn, reverse plate so unworn side faces the impeller.
- Tighten the 4 body screws (Key 1), moderately and evenly at first; when all screws are snug, retighten to fasten cover firmly. Do not overtighten.

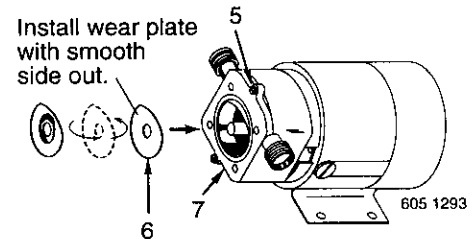


Figure 5 – Install wear plate.

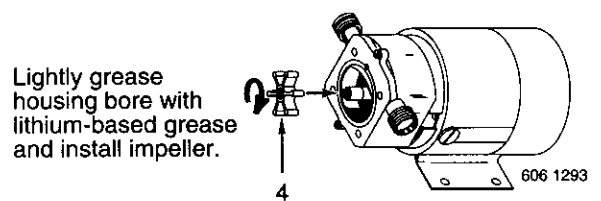


Figure 6 – Install impeller.

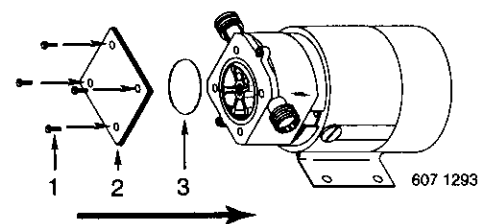
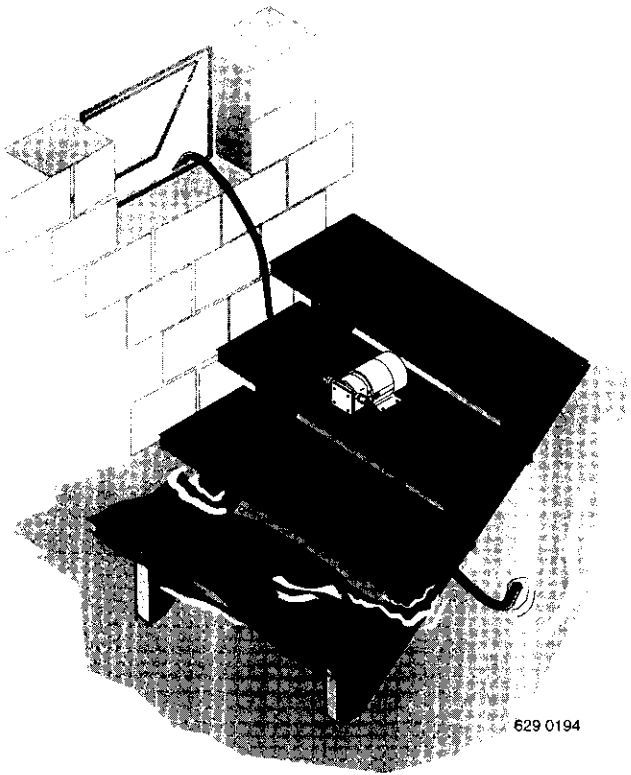


Figure 7 – Reassemble pump.

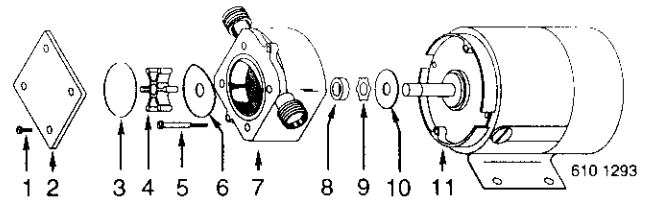
REPAIR PARTS

Typical uses for the Utility Pump:

Repair Parts List

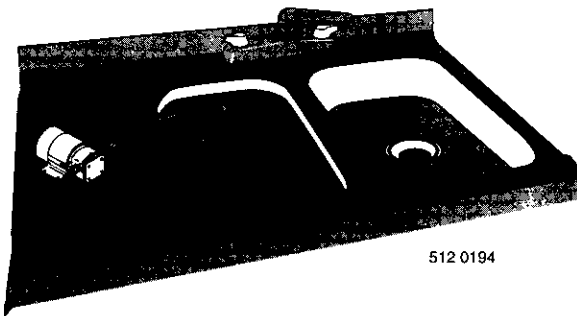


Pump out a flooded basement.



Key No.	Part Description	Qty	Part No.
1	#8x5/8 Phillips Pan Head Screw	4	SC0004-81
2	Wear Plate - Square	1	RP0004946
3	O-Ring	1	U9-239
4	Impeller	1	416-010
5	10-32x1-3/4 Phillips Pan Head Screw	2	SC0004-92
6	Wear Plate - Elipse	1	RP0004944
7	Pump Body	1	RP4943-21
8	U Cup Seal	1	16FA019-4
9	Retainer	1	RE00034-9
10	Slinger	1	RP0001616
11	Motor	1	M0015-115
	• Brush Kit	1	PKG 201
	• Mineral Oil Packet	3	U97-108
	• Pud-L-Scoop™	1	SA35

• Not illustrated.



Empty a clogged sink or tub.

Performance

Discharge Height in Feet Above Pumping Level						
Model	3	10	15	20	30	40
390.269151	5.5	5.0	4.6	4.0	2.5	1.0

} GPM



SEARS

OWNER'S MANUAL

Model No.
390.269151

The model number of your Portable Utility Pump will be found on the pump label.

When requesting service or ordering parts, always give the following information:

- Product Type
- Model Number
- Part Number
- Part Description

CRAFTSMAN® PORTABLE UTILITY PUMP

For the repair or replacement parts you need

Call 7 am - 7 pm, 7 days a week

1-800-366-PART

(1-800-366-7278)



For in-home major brand repair service

Call 24 hours a day, 7 days a week

1-800-4-REPAIR

(1-800-473-7247)



For the location of a
Sears Repair Service Center in your area

Call 24 hours a day, 7 days a week

1-800-488-1222



For information on purchasing a Sears
Maintenance Agreement or to inquire
about an existing Agreement

call 9 am - 5 pm, Monday-Saturday

1-800-827-6655



SEARS
REPAIR SERVICES

America's Repair Specialists

Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.