

AA8
0206
0007



MODELS A2 and A2H MULTI-PURPOSE DRUM PUMP

INSTRUCTION MANUAL

Thank you for purchasing either a Macnaught model A2 or A2H Multi-Purpose Drum Pump.

Model A2H is supplied complete with hose assembly and nozzle.

Please read and retain this instruction sheet to assist you in the maintenance of this quality product.

FEATURES

- * Fits 60-205 litre drums.
- * Convenient bung opener cast on the pump head.
- * Pumps 250 ml/stroke (approx).
- * Pumps most liquids up to SAE90 viscosity.
- * Nickel chrome plated pump rod and deep packing for smooth action and long life.
- * 19mm hose can be fitted.
- * Self cleaning valves help prevent blockages.
- * Brass piston rings for efficient pumping.

DESCRIPTION

The A2 and A2H Multi Purpose transfer pump is a high quality transfer pump designed to pump diesel fuel, lubricating oils (up to SAE 90) and a wide range of non-corrosive fluids. Simply by replacing the suction tube 'O'ring with one of the other O'rings supplied with the pump you will be able to pump a wide range of solvents and chemicals (Refer to the compatibility chart for the correct "O'ring selection)



Model A2H

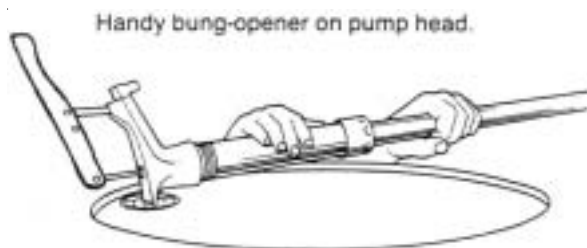


Fig 1

Note: Models A2 and A2H are supplied with various seals to suit a wide variety of chemicals and solvents. If you require replacement seals order service kit A2-1K.

Select pivot pin position and fit handle to pump using pins and self-locking rings provided.

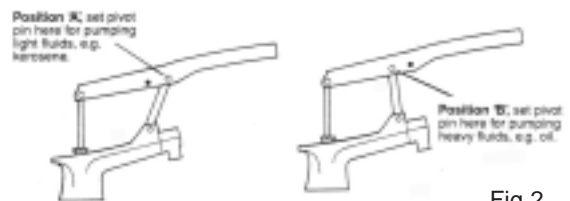
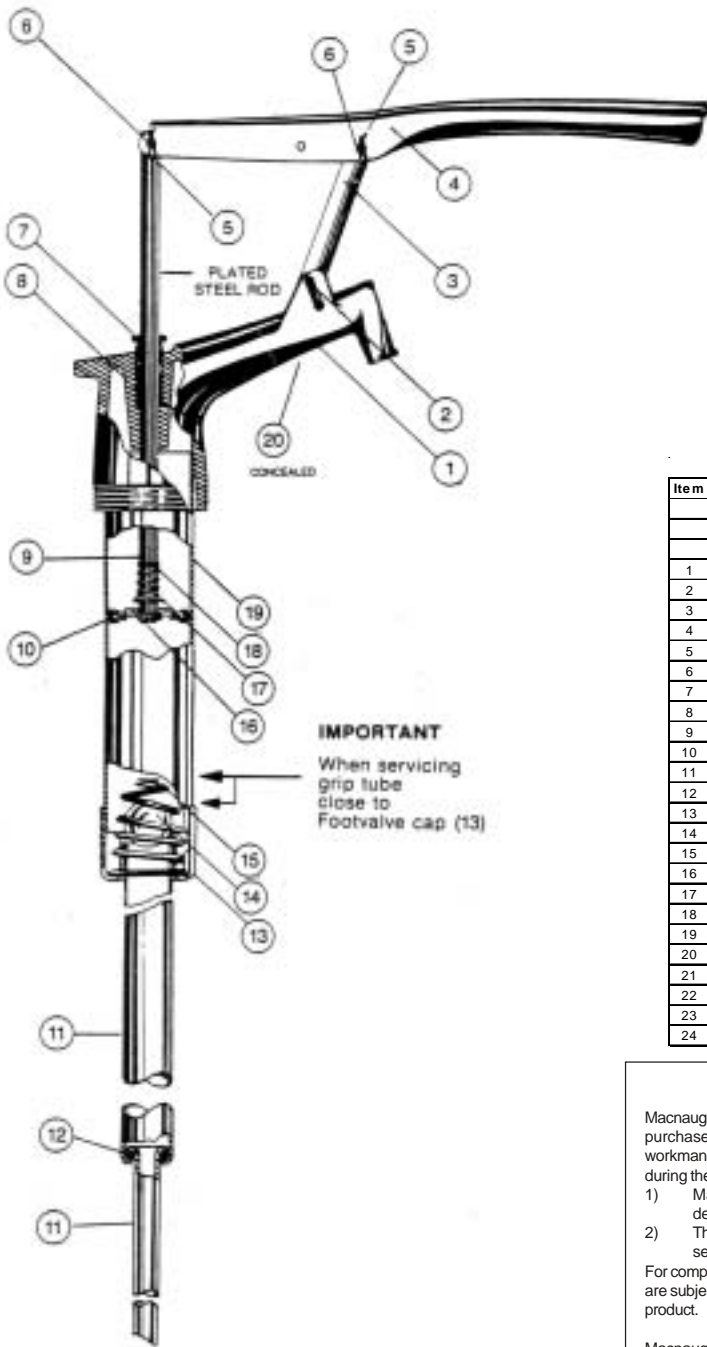


Fig 2

TROUBLE SHOOTING

TROUBLE	CAUSE	REMEDY
Hard to pump	a) Gland nut is screwed down too tightly.	a) Adjust gland nut
	b) Handle is positioned on the wrong setting for heavy oils.	b) Adjust handle position refer to Fig 2
	c) Bent piston rod	c) Replace piston rod and piston assembly
Pump fails to prime	a) Footvalve ball is not seating.	a) Remove the footvalve assembly from the pump, clean and reseat the footvalve ball. Using sealant, reassemble the footvalve assembly to the pump.
	b) Piston valve is damaged and is not seating	b) Replace the Piston Rod and Piston assembly.

PARTS DIAGRAM



PARTS LIST

				ORDER FOR REPLACEMENT	
Item	Part No	No off	Part / Set	Kit ref	Description
			A2-1K (Kit A)		SEAL KIT
1	AA1	1	AA1s incl AA5, AA6		BODY
2	AG65	1			HOSE HANGER PIVOT
3	AA4	1	AA2s incl N225, AA16 N253		HANDLE LINK
4	AA3	1			HANDLE
5	N255	2		A	PIVOT PIN RETAINER
6	AA16	2	order A2-1K	A	PIVOT PIN
7	AA5	1		A	GLAND NUT
8	AA6	1		A	GLAND PACKING
9	AA15-24	1	AA15s		PISTON & PISTON ROD ASSY
10	AA9	2		A	PISTON RINGS
11	AA35-36	1	AA35s incl BS113		TELESCOPIC TUBE ASSY
12	BS113	1	order A2-1K	A	O'RING
13	AA20	1			FOOTVALVE CAP
14	N418	1	AA20s		7/8" STEEL BALL
15	AA12	1			FOOTVALVE RETAINER
16	N112	1		A	VALVE PLATE
17	AC7	1		A	RETAINER CLIP
18	AA11	1		A	TOP STOP SPRING
19	AA17	1	AA17s		PUMP TUBE
20	N253	1	order AA16s		RATCHET PLATE
21	AA91	1			NOZZLE OUTLET
22	AA92H	1	AA92s		HOSE HANGER PIVOT
23	AA95	1			HOSE SPRING
24	N369	2			HOSE CLAMP SET

WARRANTY POLICY

Macnaught Pty Ltd ("Macnaught") warrants that all Products manufactured by Macnaught and purchased after 1st of July 1999 will be free from any defects caused by faulty materials or workmanship for a period of (5) years from the date of purchase of the product, provided that during the Warranty period:

- 1) Macnaught receives notice setting out full details of any defect in any product and details of the time and place of purchase.
- 2) The Purchaser, at their own cost returns the product to the nearest authorized Macnaught service center.

For componentry contained in the product, (such as o'rings, seals, springs and hoses) which are subject to wear, the warranty period will be (12) months from the date of purchase of the product.

Macnaught shall, at its option repair or replace any product found defective by its inspection. This warranty does not cover failure of parts or components which, in the judgment of Macnaught, arises from misuse, abrasion corrosion, negligence, accident, substitution of non-Macnaught parts, faulty installation or tampering.

If Macnaught inspection discloses no defect in material or workmanship, repair or replacement and return will be made at customary charges.

Macnaught's liability and the purchaser's rights under this Warranty shall be limited to such repair or replacement and in particular, shall not extend to any direct, special, indirect or consequential damage or losses of any nature.

The foregoing warranty supersedes, voids and is in lieu of all or any other warranties.

"Note: This warranty does not form part of, nor does it constitute, a contract between Macnaught and the end-user or purchaser. It is additional to any warranty given by the seller of the products.

This warranty does not exclude, limit, restrict or modify the non-excludable rights or remedies conferred upon the end-user or purchaser, or the non-excludable duties or liabilities imposed on the seller or Macnaught, by Part V, Divisions 2 and 2A of the Trade Practices act 1974 (Commonwealth) or other legislative provisions. Macnaught otherwise excludes, to the extent permitted by law, any rights conferred on the end-user or duties or liabilities imposed upon it."



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