

RVP ROTARY PUMP



INSTRUCTION MANUAL FOR OIL and FUEL PUMP

Introduction

Thank you for purchasing a Macnaught RVP Rotary vane oil and fuel pump.

The RVP has been designed to reliably dispense various types of lubricating oils, diesel fuel and kerosene.

NOTE: This pump is not suitable for petrol.

Important Information

PLEASE READ THIS SAFETY INFORMATION CAREFULLY BEFORE USE.

Read and retain this instruction manual to assist you in the operation and maintenance of this product.

'Cautions' are listed throughout this manual to advise of actions to which may cause damage to your equipment.

Product Description

The RVP rotary pump is designed to pump diesel fuel and mineral based engine/gear oils up to SAE90 viscosity dispensed from 60 to 205 litre drums or tanks up to 0.9m deep.

Product Features

- * Precision, pressure die cast body for leak free operation.
- * Suction Tube.
- * Light weight but strong.
- * Approximately 20 litres/minute pumping diesel.
- * Sliding 2" BSP bung adaptor.
- * Rotary action, pumps both ways.
- * Model PVRH complete with 1.8m (6ft) hose, nozzle and nozzle holder.

Optional VA Fuel Filter kit available (order VA-01), recommended for diesel fuel.



CAUTION

Chemicals, solvents, or water will cause premature failure of seals, o-rings and other components.



WARNING

Precautions are necessary to minimise the build up of static electricity which could cause a spark and create and explosion.

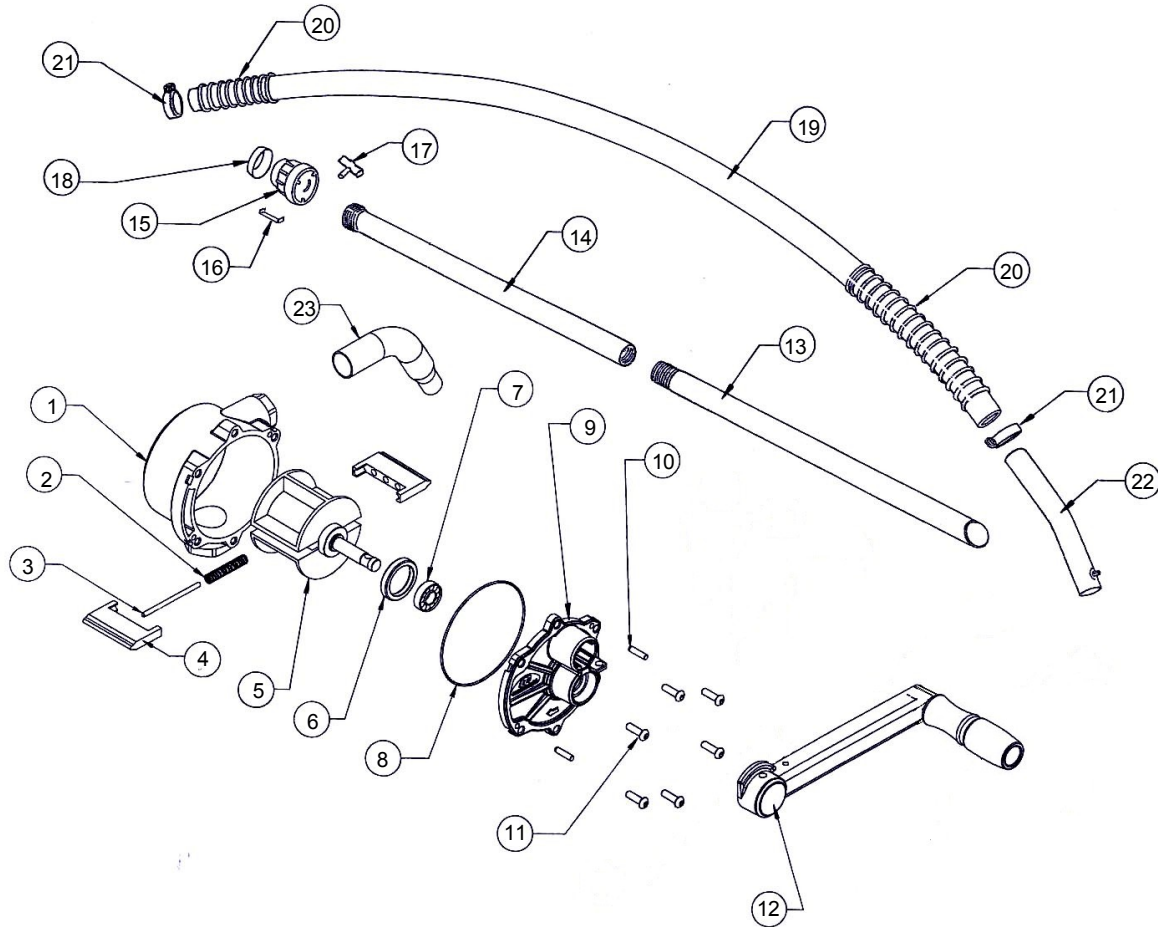


Using RVP with a Hose and Nozzle

1. Disconnect the hose from the pump and nozzle. Cut a length of heavy duty multi-strand copper electrical wire to the length of the hose plus 100mm. Run the copper wire up inside the hose.
2. Reconnect the nozzle to the hose ensuring the wire is in firm contact with dean metal on the nozzle.
3. Scrape the paint from a section of the pump outlet tube.
4. Reconnect the hose to the pump ensuring the wire makes firm contact with the exposed metal in the area under the hose clamp

Apply suitable thread sealant (eg. Teflon tape) to all male threads.

Spare Part Diagram



Spare Part Listing

Item	Description	Qty	Overhaul Kit	Spares Kit
	Seal Kit		RVP-1K	
1	Pump Body	1		RB200S
2	Spring	1		RB200S & RB204S
3	Pin	1		RB200S & RB204S
4	Vane	2		RB200S & RB204S
5	Rotor	1		RB200S
6	Seal	1	RVP-1K	RB200S
7	Bearing	1	RVP-1K	RB200S
8	Body O'Ring	1	RVP-1K	RB200S
9	Cover Plate	1		RB200S
10	Pin	1		RB200S
11	Screw	5		RB200S
12	Handle Assembly	1		RB220S
13	Lower Suction Tube	1		ST005AS
14	Upper Suction Tube	1		
15	Bung Adaptor	1		GR34S
16	Plate	1		GR34S
17	Bung Adaptor Screw	1		GR34S
18	Dust Cover	1	RVP-1K	GR34S
19	Hose	1		AA92S
20	Hose Spring	2		AA92S
21	Hose Clamp	2		AA92S
22	Outlet Nozzle	1		AA91S & AA92S
23	Pump Outlet Tube	1		RB208S

If pump produced before July 2011 then for
ITEMS 13 to 18 order kit GM51S



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