

P3-OS2 GREASE SYSTEM

Instructions Manual



INTRODUCTION

Thank you for purchasing a Macnaught P3-OS2 Air powered grease system. The P3-OS2 grease system has been designed to fit most containers from 12.5kg (28lb) to 22kg (48lb).

Macnaught also manufacture a complete range of retractable hose reels, oil dispensing nozzles, fuel pumps, oil pumps, positive displacement flowmeters, greasing equipment and a complete range of accessories to suit all your fluid handling requirements.

GENERAL INFORMATION

Please take a few moments to read through this manual before assembling and using your P3-OS2 grease system.

Please read and retain this instruction sheet to assist you on the assembly and installation of your new grease system. Pay special attention to any warnings or cautions mentioned in this instruction manual.

DESCRIPTION

The P3-OS2 carton contains:

1x Container / Lid assembly complete with locking clips, 1 x Grease Pump, 1 x Mounting Collar, 1 x High Pressure Grease Hose, 1 x Flexible extension, 1 x B2 booster gun complete with swivel, 1 x Follower Plate, 1x On/Off Valve, 1x Pressure Regulator, 1 x Pressure Gauge, Quick Connect Coupler Set, 2 x Standard Casters, 2 x Locking Casters complete with nuts and washers, 1 x Handle assembly complete with screws and nuts and 1 x Instruction manual.

ASSEMBLY

- 1) Remove all components from the carton.
 - 2) Turn the empty container upside down and fit the 4 casters, (ensuring the 2 locking casters are positioned at 90deg to the handle).
 - 3) Turn the container the "correct side up" and fit the handle to the side of the container with the screws and nuts
- Note:** Use teflon tape or suitable thread sealant on all threaded connections.
- 4) Fit the on/off air valve to the air inlet connection on the pump.
 - 5) Unscrew the grub screw located on the side of the air regulator and replace the grub screw with the air gauge.
 - 6) Connect the outlet side of the air regulator to the on/off valve using the threaded nipple supplied.

Note: The Air regulator must be mounted so the air flow through the regulator is in the direction of the arrow located on the underside of the regulator.

- 7) Connect the male half of the quick connect coupler set to the inlet side of the air regulator.



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Fig1

- 8) Connect the high pressure grease hose to the grease outlet on the pump.
- 9) Connect the remaining end of the grease hose to the swivel on the B2 Grease gun.
- 10) Remove the lid from the grease drum.
- 11) Place the follower plate squarely on top of the grease
- 12) Position the grease drum inside the container.
- 13) Loosen set screws on the mounting collar.
- 14) Insert the pump tube through the centre boss on the follower plate and adjust the grease drum position to enable you to lock the container lid assembly securely into position.
- 15) Push the container lid down firmly on to the container and lightly tighten the set screws.
- 16) Lock the container lid.
- 17) Connect the female half of the quick connect coupler set to the air supply hose.
- 16) Connect the air supply and check for leaks. Tighten connections as required.



CAUTION

The grease pump in this system is a high pressure 50:1 ratio pump and creates pressures up to 5000 PSI.

Disconnect the air line and release the grease line pressure before carrying out any maintenance.

Please refer to the individual product specific instruction sheets for operating instructions, product maintenance and trouble shooting information.



Always lock the castor before use.

HOW TO USE THE CASTOR BRAKE

- 1) Press brake lever down to lock.
- 2) Lift the brake lever to unlock

PARTS LIST

ITEM No	PART/SET	DESCRIPTION
1	P6001	GREASE PUMP
2	OS310S	DRUM
3	PK101S	DRUM LID
4	PA70S	MOUNTING COLLAR
5	PK86S	FOLLOWER PLATE
6	ZSB	GREASE GUN SWIVEL
7	B2	GREASE GUN
8	PF6	H.P. GREASE HOSE
9	TA16	VALVE
10	TA-4K	AIR REGULATOR
11	PE03S	AIR GAUGE
12	TA-5K	QUICK CONNECT COUPLER
13	PF9	FLEXIBLE EXTENSION
14	TR26S	CASTER SET



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Note:

This product should be disposed of according to all applicable local and national government environment regulations and guidelines.



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