

Instruction Manual

ODP20 Oil Drain Pack for EM Series Pump

Description	Item Number
ODP20 Oil Drain Pack for EM Series Pump	A500-02-000



This page has been intentionally left blank.

Contents

Section	Page
1 Introduction	1
1.1 Assembly of oil (pressure) drain accessory	1
1.2 Oil (gravity) drain extension	2
1.3 Component re-order list	2

For return of equipment, complete the HS Forms at the end of this manual.

Illustrations

Figure	Page
1 Assembly of oil (pressure) drain accessory	1

Associated publications

Publication title	Publication number
Vacuum pump and vacuum system safety	P400-40-100

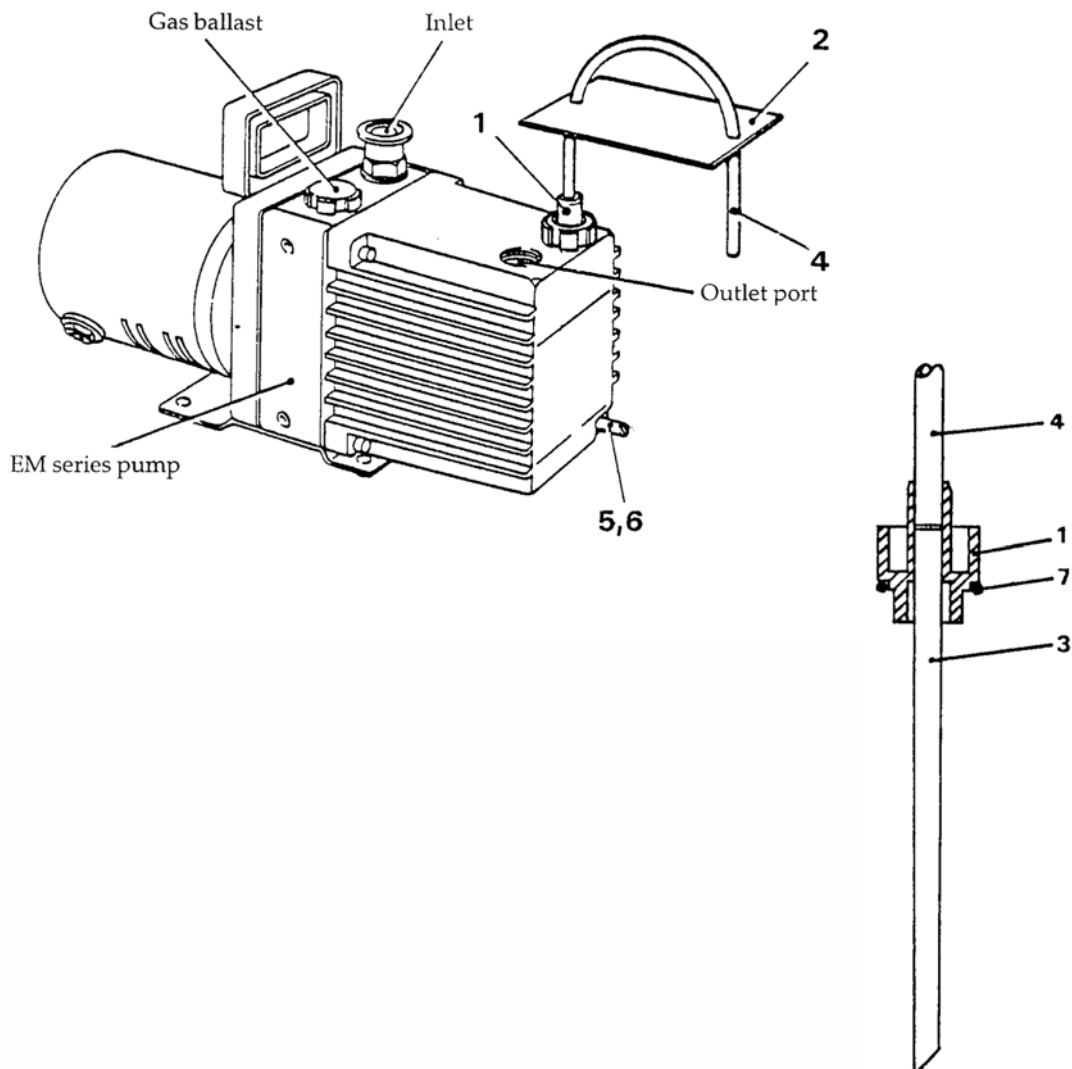
This page has been intentionally left blank.

1 Introduction

1.1 Assembly of oil (pressure) drain accessory

1. Remove the oil filler plug.
2. Insert the shorter length of plastic tubing (3) in the underside of the spare nozzle (1) supplied in the pack. Cut back free end of tube at 45 °.
3. Insert the tube in the oil filler aperture and screw home the nozzle.
4. Fit the longer length tubing (4) in the nozzle and run through the support plate (2), as shown.

Figure 1 - Assembly of oil (pressure) drain accessory



To drain the oil using the pressure drain method, proceed as follows:

Position a suitable container under the drain tube. Switch on the vacuum pump - then open the gas ballast and partially restrict the outlet (by hand) to generate sufficient internal pressure for a controlled discharge of the oil. Continue draining until aeration occurs then switch off the pump.

Note: *The oil filler or outlet apertures can be utilised for pressure draining on single stage pumps. On two stage pumps, the oil filler aperture only may be used.*

If the spare nozzle is already fitted in the inlet port - use the existing outlet nozzle.

1.2 Oil (gravity) drain extension

To fit the drain extension - remove the oil drain plug then fit the drain extension and seal. Blank off the extension with the oil drain plug and seal.

1.3 Component re-order list

Item	Code No.	Description	Application/Fitting instructions
1	A259-08-029	Nozzle	
2	A259-58-001	Strap	
3	18277-3103	Nylon tube, 178 mm length	Oil (pressure) drain accessory assemble as shown in illustration
4	18277-3103	Nylon tube, 320 mm length	
5	A373-01-020	Oil (gravity) drain extension	Assemble as shown in illustration
6	H021-04-001	Dowty seal 1/8 in BSP	
7	H021-25-026	O-ring	Spare O-ring for oil filler plug

Return the equipment or components for service

Before you send your equipment to us for service or for any other reason, you must send us a completed Declaration of Contamination of Vacuum Equipment and Components - Form HS2. The HS2 form tells us if any substances found in the equipment are hazardous, which is important for the safety of our employees and all other people involved in the service of your equipment. The hazard information also lets us select the correct procedures to service your equipment.

We provide instructions for completing the form in the Declaration of Contamination of Vacuum equipment and Components - Procedure HS1.

If you are returning a vacuum pump, note the following:

- If a pump is configured to suit the application, make a record of the configuration before returning the pump. All replacement pumps will be supplied with default factory settings.
- Do not return a pump with accessories fitted. Remove all accessories and retain them for future use.
- The instruction in the returns procedure to drain all fluids does not apply to the lubricant in pump oil reservoirs.

Download the latest documents from www.edwardsvacuum.com/HSForms/, follow the procedure in HS1, fill in the electronic HS2 form, print it, sign it, and return the signed copy to Edwards.

Note: *If we do not receive a completed HS2 form, we will not accept the return of the equipment.*

