

Instruction



Preventive Maintenance Kit Major Plate Processors Thermal

IMPORTANT!

Please keep this instruction with other machine documentation as future reference when ordering spareparts. The spareparts concerning this kit are as listed in "KIT CONTENTS".

Part No 10066160 B

30-04-2014

Introduction

This instruction is valid for **Kit nos 10066113 and 10066123** (Cannot be ordered separately).

Products covered

The above mentioned preventive maintenance kits are for the following processors:

Plate Processors 85 Thermal serial nos 90117, 90119, 90123, 90137, 90139, 90145, 90147, 91204, 91469, 91471, 91476, 91584, 91610, 91714, 91716, 92073, 92078, 92079, 92530, 92531, 92538, 92539, 92557, 93109, 93382, 94100, 94150.

Plate Processors 135 Thermal serial nos 90013, 90014, 90018, 90120, 90138, 90143, 90148, 91160, 91205, 91612, 91708, 91715, 91717, 91719, 91720, 92529, 92532, 92558, 92560, 92671, 93110, 93381, 93383, 93654, 94101, 94151.



Verify that the serial number specified on the processor name plate located on the rear end of the tank on the left side is listed above.

Kit contents

Check contents of the kit and make sure that all parts are present and in good condition.

The kit consists of:

Item	Part No	Specification	Quantity	
			10066112	10066120
1	10005392	BEARING, SHAFT, DRIVE	1	1
2	88961	BEARING, THRUST, AXIAL	2	2
3	10024652	MOTOR, DRIVE	1	1
4	10063238	MOTOR, BRUSH	2	2
5	10066160	INSTRUCTION (THIS DOCUMENT)	1	1

Estimated time



Estimated time for the installaton of the kit is 180 minutes.

Maintenance intervals

i Carry out this maintenance procedure either after below specified processing hours, or after specified years after installation of the processor, whatever comes first.

Processing hours	or	Years after installation	Maintenance	Kit no	
				85	135
1500	or	1	MINOR	10066145	10066141
3000	or	2	MEDIUM	10066144	10066140
4500	or	3	MINOR	10066145	10066141
6000	or	4	MAJOR	10066120	10066112
7500	or	5	MINOR	10066145	10066141
9000	or	6	MEDIUM	10066144	10066140
10500	or	7	MINOR	10066145	10066141
12000	or	8	MAJOR	10066120	10066112

Before Installation

Read this instruction sheet carefully and ensure it is fully understood before commencing the installation procedure. Seek clarification of anything that is not clear.

h The exchange procedure must only be carried out by a well qualified service technician who is familiar with the equipment.

i Install the Preventive Maintenance Kit Minor and Medium together with this kit.

Safety

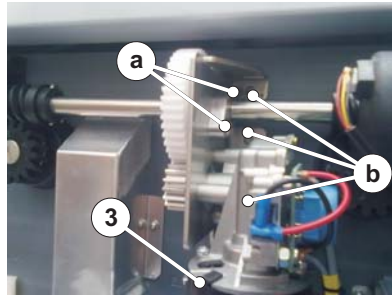
! Before any work is carried out, ensure that the processor is switched off, and disconnected from the electricity supply. It is recommended that the mains supply be locked off using a padlock or similar, and then a check made to ensure that the processor will not run.

Procedure

Motors

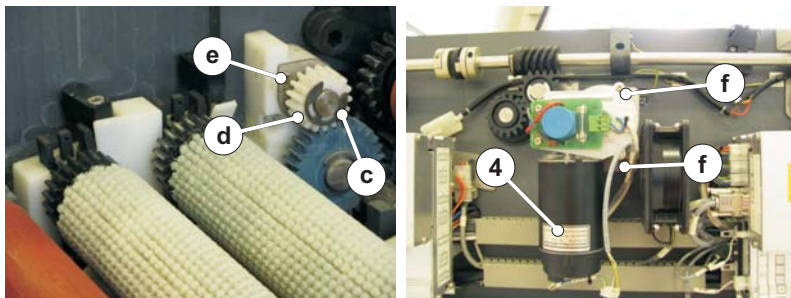
Drive motor

- Open the top covers, remove the fenders.
- Disconnect the cable from the drive motor.
- Dismount the screws from house bearing (a).
- Dismount the screws (b) that hold drive motor bracket to the tank.
- Replace the drive motor (3) after replacement of drive shaft parts is completed.



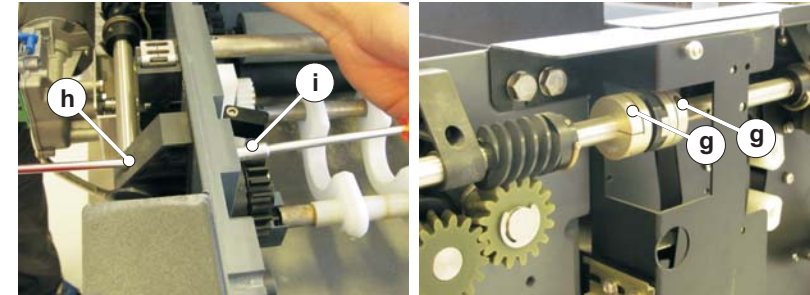
Brush motors

- Disconnect the brush motors cables.
- Take off the circlip (c), gear (d), seal (e) from the the brush bearings inside the tank. For procedure refer to the Preventive Maintenance Kit Minor instruction.
- Dismount the two screws (f) that hold the brush motor (4).
- Replace the motor (4) after replacement of drive shaft parts is completed.
- Remember to change both motors.



Drive shaft

- Disconnect the drive shaft ground cable.
- Loosen the screws on the couplings (g).
- Dismount the screws (h) and nuts (i) that hold the drive shaft bearings to the tank as shown and then remove the complete drive shaft.



- Dismount r-clips from the axial bearings (2) and from the worm gears (j).
- Remove the bearings (k) and the worm gears (j).
- Dismount r-clip from the gear (l) and remove it.
- Replace the drive shaft bearing (1). Remount the worm gears and bearings.
- Replace the axial bearing (2).
- Remount the drive shaft onto the tank.

