

# Instruction



## Preventive Maintenance Kit Minor Plate Processors Polymer

**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 10074029 B**

**09-05-2014**


## Introduction

This instruction is valid for **Kit no 10074026** (Cannot be ordered separately).

### Products covered

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

**Plate Processors 85 Polymer** serial nos The serial nos reaches from 95172-0021 to 95172-0040.

 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	Number	Specification	Quantity
1	10046059	MILLED, BEARING, ROLLER, D54	38
2	10060903	BEARING,ROLLER,D54	18
3	35483	V-RING, VA20, NBR	1
4	0012153	O-RING FOR FILTER CARTRIDGE	1
5	25387	GREASE, TUBE, PG 75, 20 ML	1
6	10062064	GREASE, LUBRICANT, 100 ML	1
7	10074029	INSTRUCTION (THIS DOCUMENT)	1

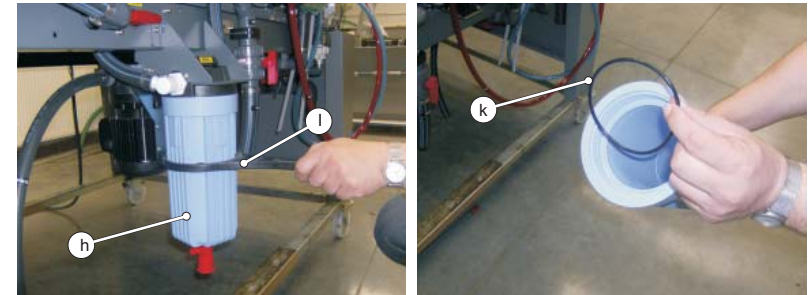
### Estimated time

 Estimated time for the installation of the kit is 30 minutes.


### Replacing o-ring

 The o-ring to be replaced is located inside the housing filter placed beneath the processor.

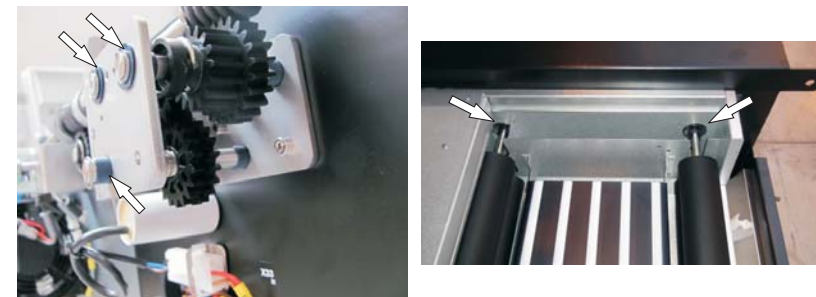
- Dismount the housing filter (h) by means of the filter key (i).
- Replace the o-ring (j) and grease it with (5).
- Remount the housing filter.



### Lubrication of preheat bearings

 The bearings need to be greased once a year (or if they start to “squeak”). The bearings may squeak already after a few months depending on the room condition - if the humidity is too low.

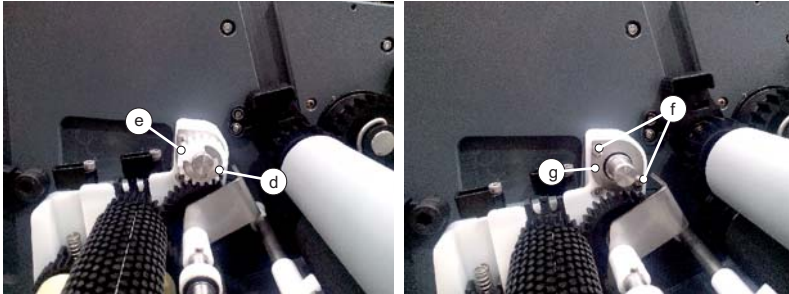
- Grease the blue bearing in the preheat drive block with the heat resistant grease (6).
- Grease the roller bearings inside the preheat.



## Replacing v-ring

**i** The v-ring to be replaced is located inside the brush bearing in the developer section.

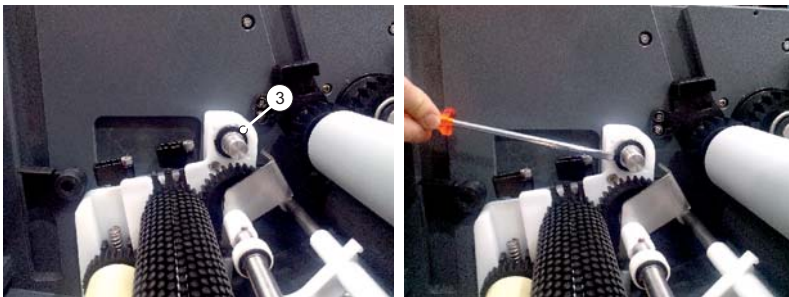
- Take off the circlip (d) from the gear on the brush bearing in the developer section.
- Remove the gear (e).
- Dismount the two screws (f) to remove the bearing seal (g).



- Remove the v-ring (3) by means of a screwdriver, replace it and grease with (5).

**i** If the Preventive Maintenance Kit Medium is to be installed as well, refer to the relevant instruction for replacement of the gear.

- Remount the seal, place back the gear and secure it with the circlip.



## 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
1500	or	1	MINOR	10074472
3000	or	2	MEDIUM	10074027
4500	or	3	MINOR	10074472
6000	or	4	MAJOR	10074028
7500	or	5	MINOR	10074472
9000	or	6	MEDIUM	10074027
10500	or	7	MINOR	10074472
12000	or	8	MAJOR	10074028

## 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.

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

**i** Installation of this kit is required as a part of Preventive Maintenance Kit Medium and/or Preventive Maintenance Kit Major.

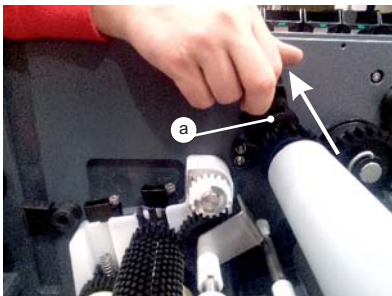
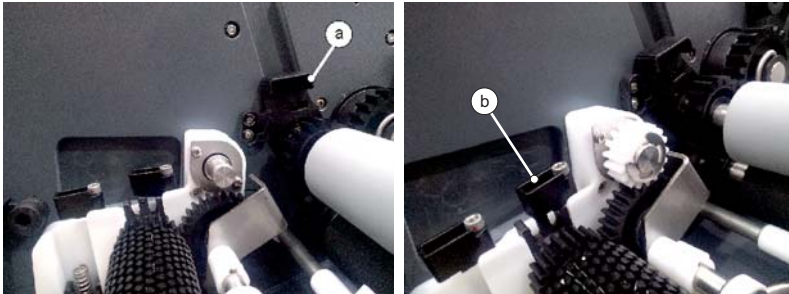
## Safety

**⚠** 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.

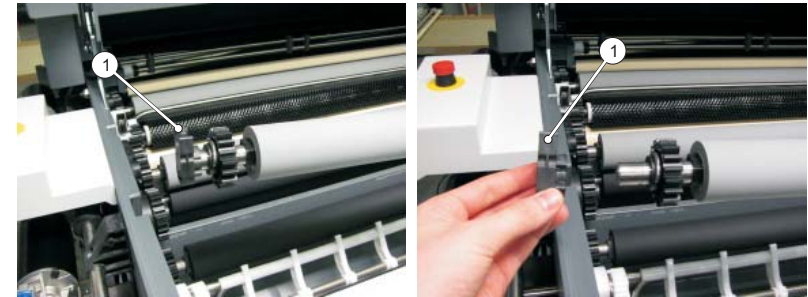
# Procedure

## Replacing brush/roller bearings

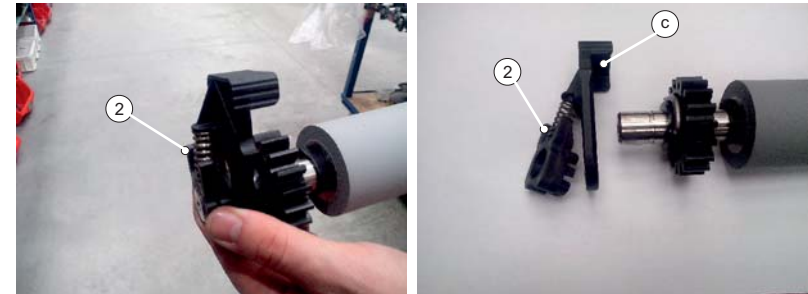
- Turn off the processor, open the top covers, empty the tank into waste containers.
- Release the locks on the brushes (b).
- Release the locks (a) on all upper rollers and remove the roller by pulling the whole lock upwards.



- Remove the roller or the brush from the tank. Take off the old roller bearings and replace them.
- All upper roller bearings are replaced by bearings - item no.2 from table of contents (2) and all lower roller bearings and brush bearings are replaced by bearings - item no.1 from table of contents (1).



- For replacing the upper roller bearing (2) it is necessary to dismount the bearing (2) from the lock (c)



**i** If the Preventive Maintenance Kit Medium is to be installed as well, refer to the relevant instruction for replacement of the brush gears.

**i** The correct position of each roller and brush is shown on a label underneath the top cover. See also Installation manual for the reference.