

# Instruction



## Preventive Maintenance Kit Minor 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 10062251 D**

**30-04-2014**

# Introduction

This instruction is valid for **Kit no 10062180** (Cannot be ordered separately).

## Products covered

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

**Plate Processors 68 Thermal** serial nos 94866, 95094, 92261, 95426, 92510, 10061411, 92540, 92541, 92542, 92547, 92548, 92638, 92640, 92707, 92712, 93119, 93378, 93379, 10062804, 10062806, 10065404, 10063008, 10063048.

**Plate Processors 85 Thermal** serial nos 95397, 95508, 94867, 91801, 92639, 95433, 92511, 10061407, 92521, 92536, 92544, 92546, 92549, 92550, 92551, 92552, 92553, 92562, 92563, 92639, 92641, 92642, 92708, 92709, 92713, 93120, 93377, 93380, 93390, 10062012, 10062805, 10063047, 10065403.



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.

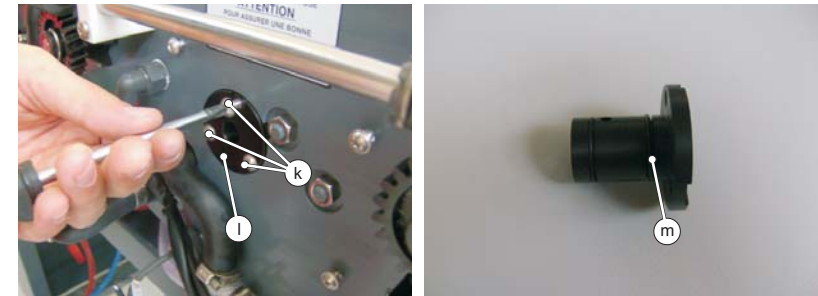
## Kit contents

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	10016917	GROMMET, V-SEAL, VA 12, W.GREASE	2
2	54430	BEARING, ROLLER, LOWER, SPRINGLOAD	12
3	0012153	O-RING F/FILTERHUS AMETEK 10	2
4	6169	O-RING D20X2	2
5	25387	GREASE, TUBE, PG 75,20 ML	1
6	45772	SCREW, D5X14,CR, FLG,KB, WN1411	3
7	45514	SCREW, PT, D5X22, WN1413	24
8	10062251	INSTRUCTION (THIS DOCUMENT)	1

- Dismount the screws to (k) to remove the drive bearing (l).
- Replace the o-ring (m). Add a thin layer of grease on the o-ring before mounting.



- Mount the drive bearing back. Remember to use the new screws (6) from the kit when mounting the bearing.
- Insert the shaft and remember to replace the v-seal. Remount the bearing seal and the gear.



After mounting the bearing control that the shaft can run free in the bearing. In case that the shaft goes tight turn each screw 1/4 turn backwards.

- Remount the drive shaft onto the tank.

## Replacing o-ring in filters

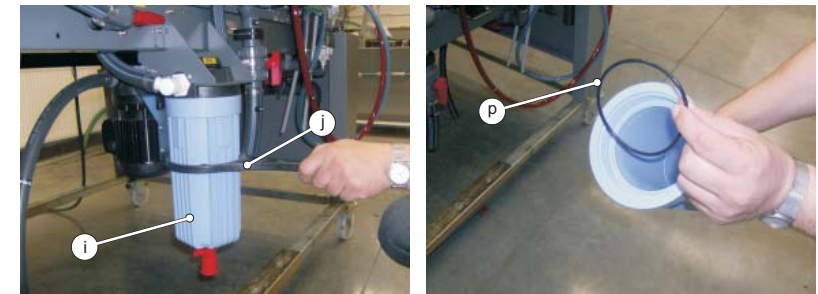


Not all models!



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

- Dismount the housing filter (n) by means of the filter key (o).
- Replace the o-ring (p). Add a thin layer of grease on the o-ring before mounting.
- Remount the housing filter.

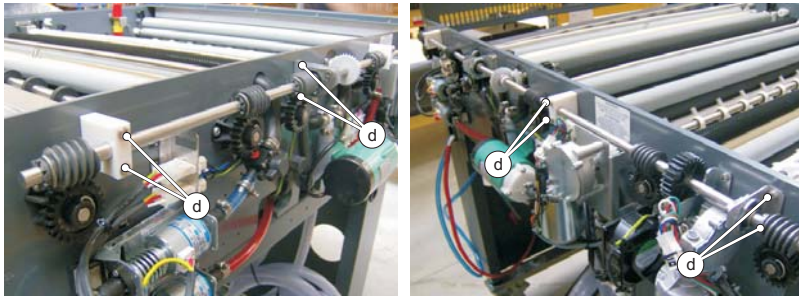


## Replacing v-seal and o-ring

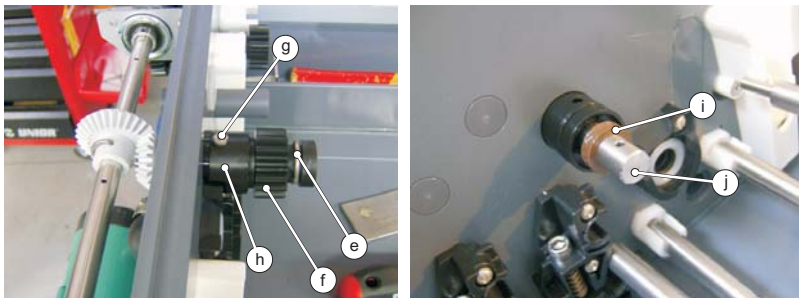
**i** The v-seal to be replaced is located inside the drive bearing in the developer and wash section.

**i** The o-ring to be replaced is located on the drive bearing in the developer and wash section.

- Take off the side fenders.
- Dismount the drive shaft from the tank by removing the screws (d).



- Take off the clip (e) from the gear (f) on the bearing and remove it.
- Dismount the screw (g) to remove the bearing seal (h).
- Remove the v-seal (i) to be replaced later and pull out the shaft (j).

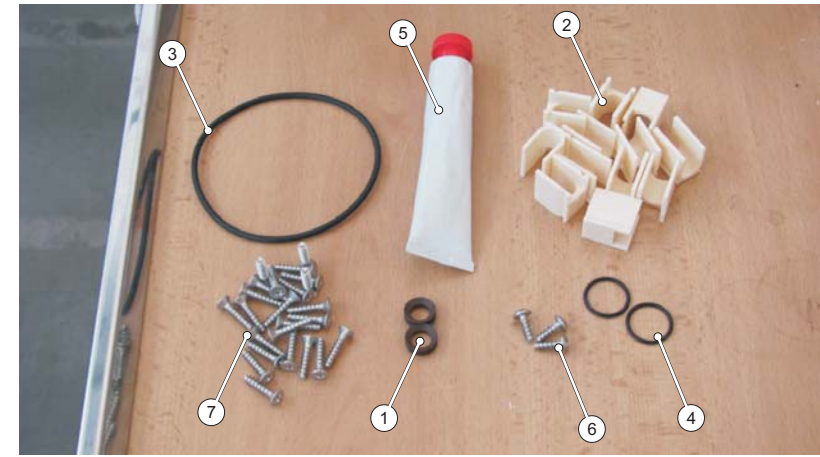


**i** If the Preventive Maintenance Kit Medium is to be installed as well, refer to the relevant instruction for replacement of the complete bearing in the developer section.

**i** If the Preventive Maintenance Kit Major is to be installed as well, refer to the relevant instruction for replacement of the gear on the bearing in the wash section.

## Estimated time

**i** Estimated time for the installation of the kit is between 90 - 120 minutes.



## 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.

## Maintenance intervals

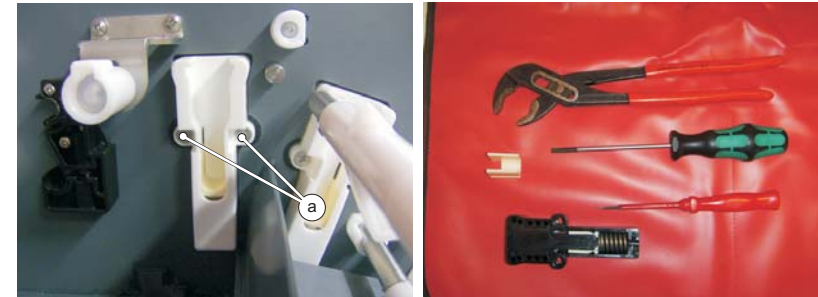
**i** Carry out this maintenance procedure either after below specified processing hours, or after specified years after installation of the processor, whatever comes first.

Processing hours	or	Years after installation	Maintenance	Kit no	
				Raptor	Gecko 85
500	or	1	MINOR	10062183	10062202
1000	or	2	MEDIUM	10062184	10062203
1500	or	3	MINOR	10062183	10062202
2000	or	4	MAJOR	10062185	10062204
2500	or	5	MINOR	10062183	10062202
3000	or	6	MEDIUM	10062184	10062203
3500	or	7	MINOR	10062183	10062202
4000	or	8	MAJOR	10062185	10062204
4500	or	9	MINOR	10062183	10062202
5000	or	10	MEDIUM	10062184	10062203
5500	or	11	MINOR	10062183	10062202
6000	or	12	MAJOR	10062185	10062204

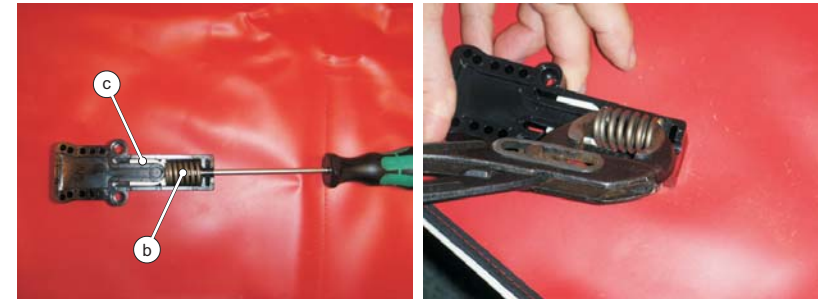
## Procedure

### Replacing brush/roller bearings

- Take off the top covers, empty the tank into waste containers, remove all rollers, brushes and brackets so there is easy access to all gears, remove the fenders.
- Dismount the screws (a) to remove all bearings from the tank.
- To replace the lower roller bearing following tools are needed: pliers, screwdriver.



- Use screwdriver to remove the spring (b) and replace the lower roller bearing (c).
- Compress the spring by means of the pliers and push it inside the bearing.



- Remount the bearings. Remember to use the new screws (7) from the kit when mounting the bearing onto the tank.