



MODIFICATION INSTRUCTIONS
for the
Kodak X-Omat 270 RA PROCESSOR
Service Code: 3059
Modification No. 15
and for the
Kodak X-Omat MULTILOADER 300
Service Code: 3058
Modification No. 21
and for the
Kodak X-Omat 180 LP PROCESSOR
Service Code: 3227
Modification No. 2
Type 1 Selective

Purpose: To reduce artifacts by installing new SQUEEGEE ROLLER ASSEMBLIES.

IMPORTANT

Use qualified personnel to install this modification.

| | |
|------------------------------|--|
| Service Effects: | None |
| Special Requirements: | None |
| Serial Numbers: | 270 RA S101 - S1234, Multiloader 300 101 - 657, 180 LP 101 - 422 |
| Installation Time: | Approximately ½ hour |
| Special Tools: | None |
| Parts Status: | Available through Service Parts Management |
| Parts Requirements: | See the Parts List on page 2 |

PLEASE NOTE

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CAUTION



This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

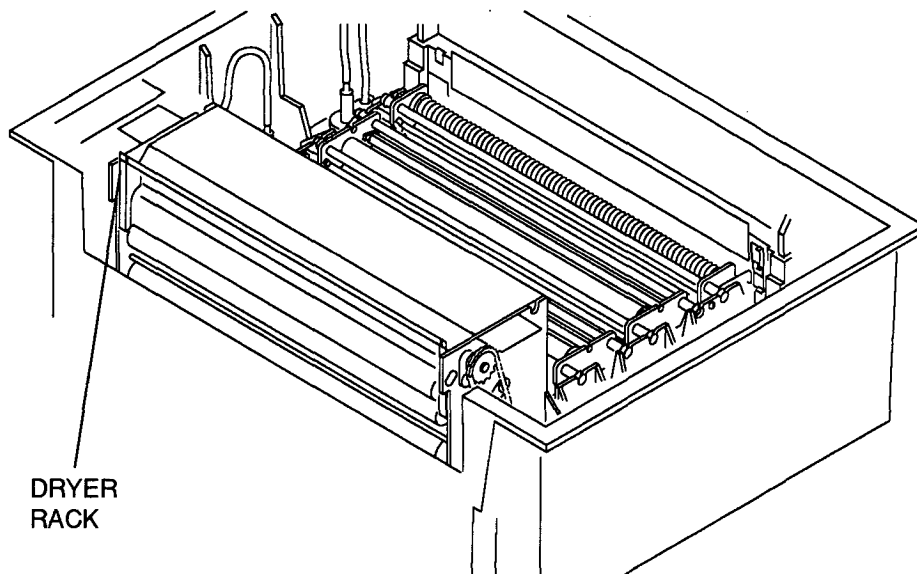
Parts List for Modification Kit, Part No. 1C0986:

| Part No. | Description | Quantity |
|----------|---|----------|
| 779119 | BEARING | 4 |
| 651107 | E-RING | 4 |
| 246580 | SPRING, for a 270 RA Processor or a Multiloader 300 | 2 |
| 459344 | SPRING, for a 180 LP Processor | 2 |
| 1C0983 | SQUEEGEE ROLLER | 1 |
| 1C0985 | SQUEEGEE ROLLER | 1 |

- [1] Move the main wall CIRCUIT BREAKER to "OFF" and the main CIRCUIT BREAKER for the processor to the "O" position.
- [2] For access to the processing section, lift the TOP COVER or extend the PROCESSOR.

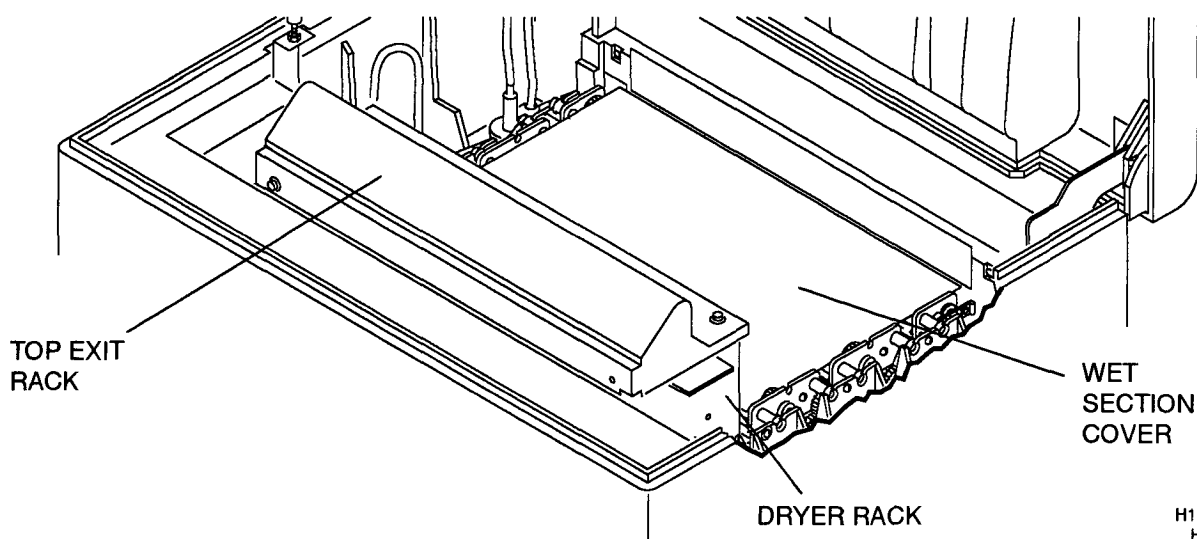
[3] Remove:

- WET SECTION COVER
- TOP EXIT RACK if the PROCESSOR has one
- DRYER RACK
- DRYER COVER from the DRYER RACK



P104_0206BCG
H104_0462BA

**An X-Omat MULTILOADER 300 or
An X-Omat 270 RA PROCESSOR without a Top Exit Rack**



H104_0404BCB
H104_0404BA

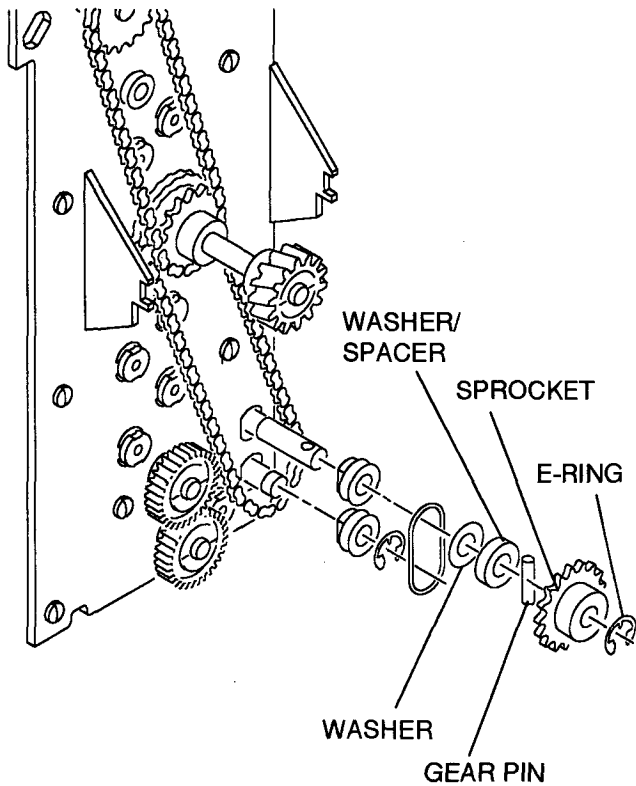
An X-Omat 270 RA PROCESSOR with a Top Exit Rack

IMPORTANT

Two configurations of SPROCKET and SHAFT exist. See the figures below.

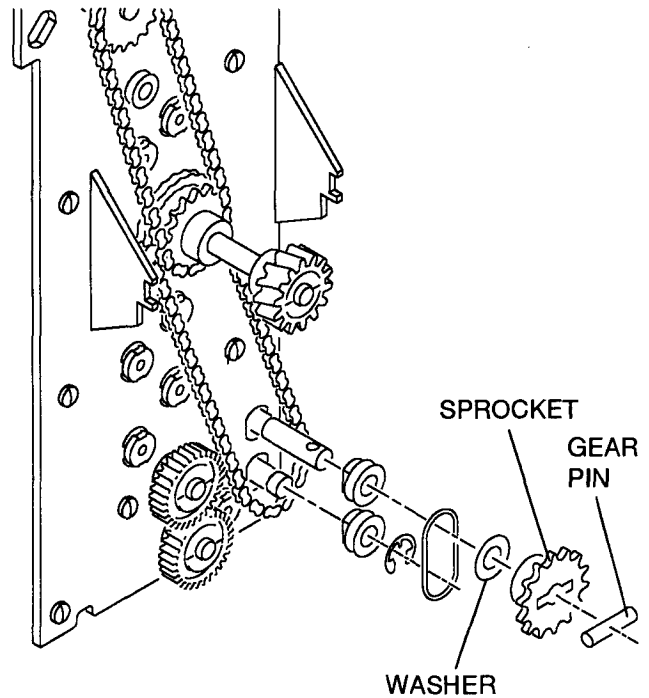
[4] Check the configuration in your PROCESSOR.

- For a **Type I** configuration of the DRYER RACK, do Steps [16] - [29].
- For a **Type II** configuration of the DRYER RACK or a 180 LP PROCESSOR, do Steps [5] - [15].



H104_0451GCA
H104_0451GA

Type I Dryer Rack



H104_0452GCA
H104_0452GA

**Type II Dryer Rack
and 180 LP PROCESSORS**

Installing the New Squeegee Roller Assemblies in a Type II Dryer Rack

[5] Remove from the non-drive side and discard:

- SPRING
- 2 E-RINGS
- 2 white BEARINGS

[6] Remove from the drive side:

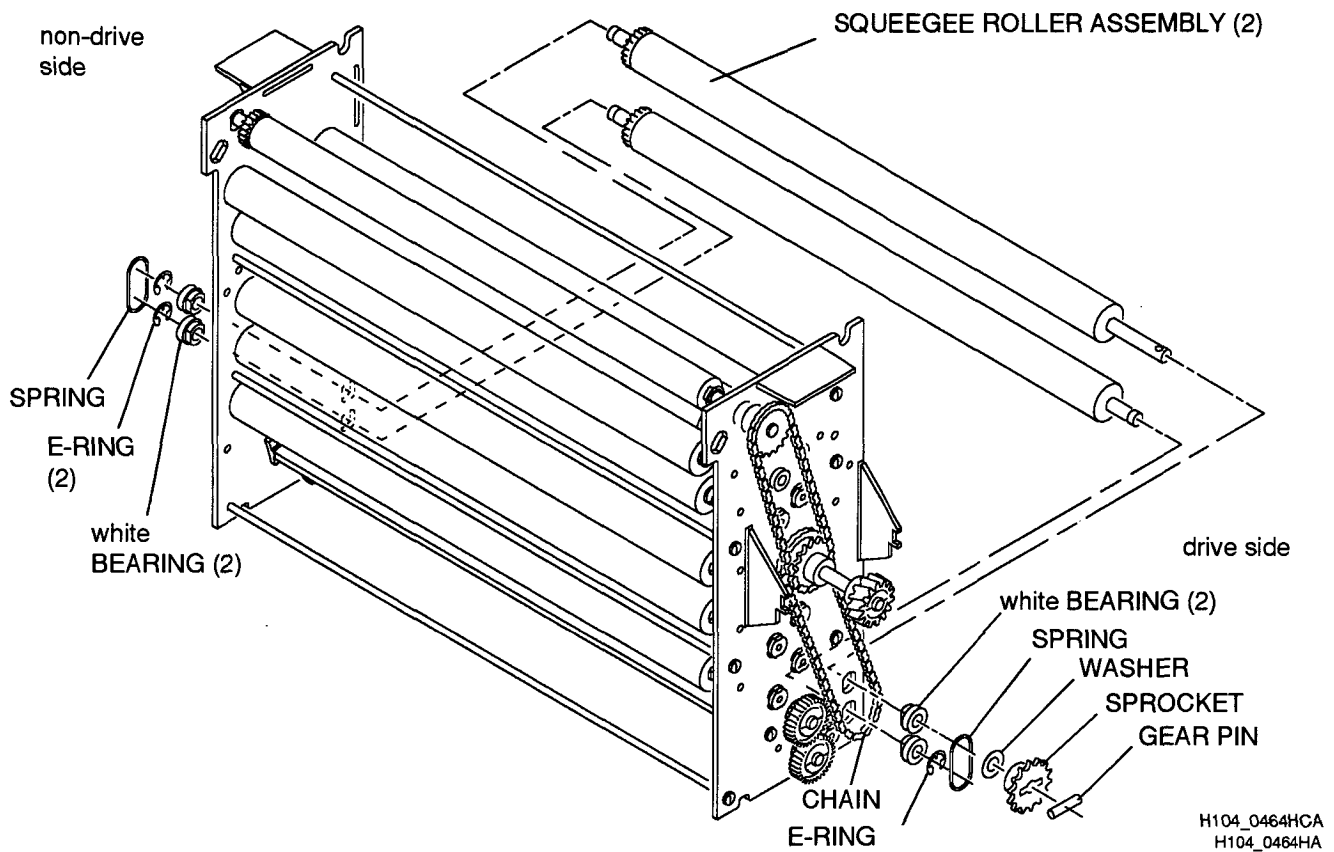
- E-RING and discard
- GEAR PIN
- SPROCKET and CHAIN
- WASHER
- SPRING and discard
- 2 white BEARINGS and discard

[7] Remove and discard the 2 SQUEEGEE ROLLER ASSEMBLIES from the DRYER RACK.

CAUTION

The SQUEEGEE ROLLER ASSEMBLIES can be damaged easily. Be careful.

[8] Install the 2 new SQUEEGEE ROLLER ASSEMBLIES in the DRYER RACK.



**Replacement of the Squeegee Roller Assemblies in the Type II Dryer Rack
A 180 LP PROCESSOR Is Similar**

- [9] Check that the GEARS align correctly.
- [10] Install on the drive side:
- 2 new white BEARINGS
 - new SPRING
 - Part No. 246580 for 270 RA or MULTILOADER 300
 - Part No. 459344 for 180 LP
 - WASHER on the **top** SQUEEGEE ROLLER ASSEMBLY
 - new E-RING on the **bottom** SQUEEGEE ROLLER ASSEMBLY
- [11] Move the top SQUEEGEE ROLLER ASSEMBLY toward the drive side of the DRYER RACK.
- [12] Install on the drive end of the top SQUEEGEE ROLLER ASSEMBLY:
- SPROCKET and CHAIN
 - GEAR PIN
- [13] To hold the GEAR PIN in position, move the top SQUEEGEE ROLLER ASSEMBLY toward the non-drive side of the DRYER RACK.
- [14] Install on the non-drive side:
- 2 new white BEARINGS
 - 2 new E-RINGS
 - new SPRING
 - Part No. 246580 for 270 RA or MULTILOADER 300
 - Part No. 459344 for 180 LP
- [15] Advance to Step [28].

Installing the New Squeegee Roller Assemblies in a Type I Dryer Rack

[16] Remove from the non-drive side and discard:

- SPRING
- 2 E-RINGS
- 2 white BEARINGS

[17] Remove from the drive side:

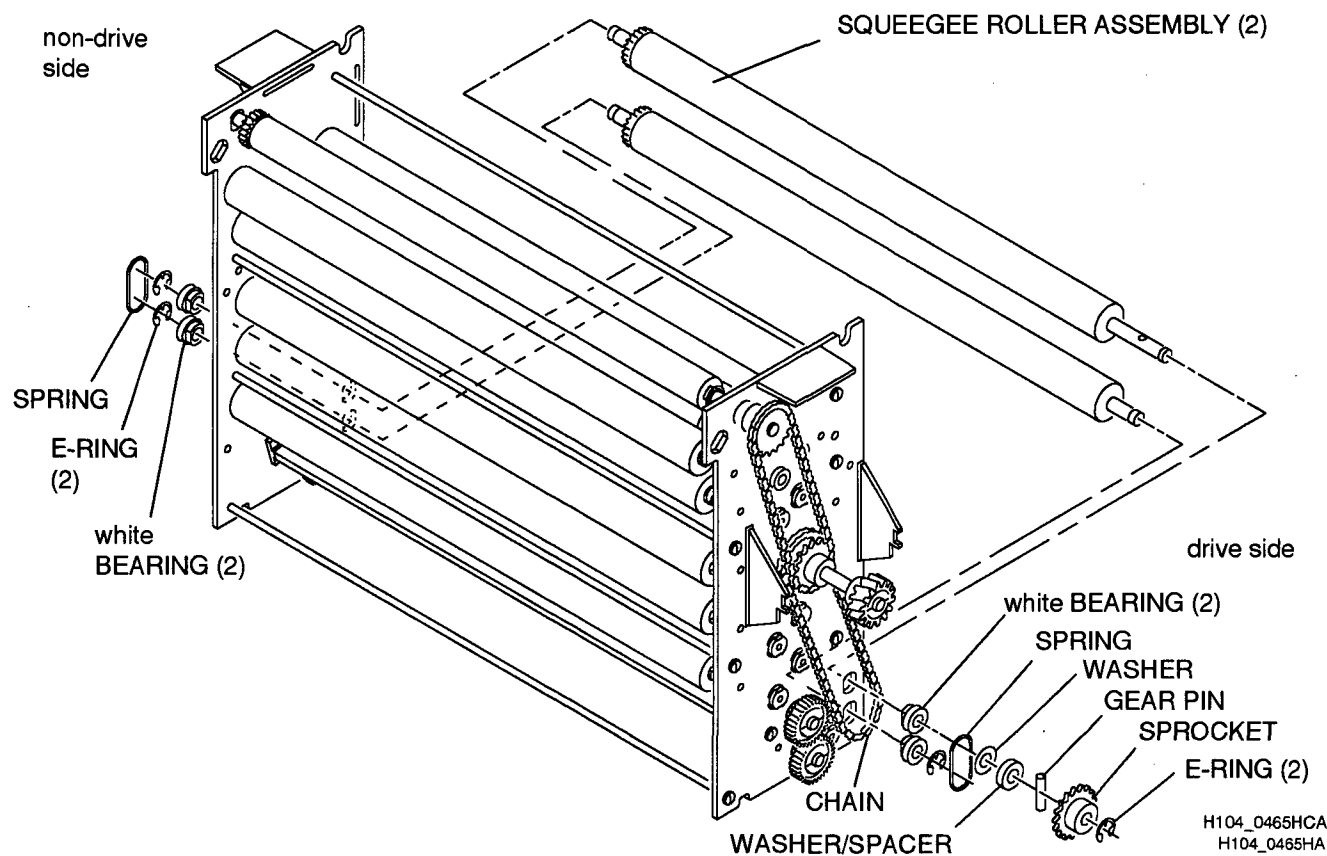
- E-RINGS and discard
- SPROCKET and CHAIN
- GEAR PIN
- WASHER/SPACER and discard
- WASHER
- SPRING and discard
- 2 white BEARINGS and discard

[18] Remove and discard the 2 SQUEEGEE ROLLER ASSEMBLIES from the DRYER RACK.

CAUTION

The SQUEEGEE ROLLER ASSEMBLIES can be damaged easily. Be careful.

[19] Install the 2 new SQUEEGEE ROLLER ASSEMBLIES in the DRYER RACK.



Replacement of the Squeegee Roller Assemblies in the Type I Dryer Rack

[20] Check that the GEARS align correctly.

[21] Install on the drive side:

- 2 new white BEARINGS
- new SPRING
 - Part No. 246580 for 270 RA or
MULTILOADER 300
 - Part No. 459344 for 180 LP
- WASHER on the **top** SQUEEGEE ROLLER ASSEMBLY
- new E-RING on the **bottom** SQUEEGEE ROLLER ASSEMBLY

[22] For installation of the GEAR PIN on the **outside of the SPROCKET**, reverse the position of the SPROCKET in the CHAIN.

[23] Move the top SQUEEGEE ROLLER ASSEMBLY toward the drive side of the DRYER RACK.

[24] Install on the drive end of the top SQUEEGEE ROLLER ASSEMBLY:

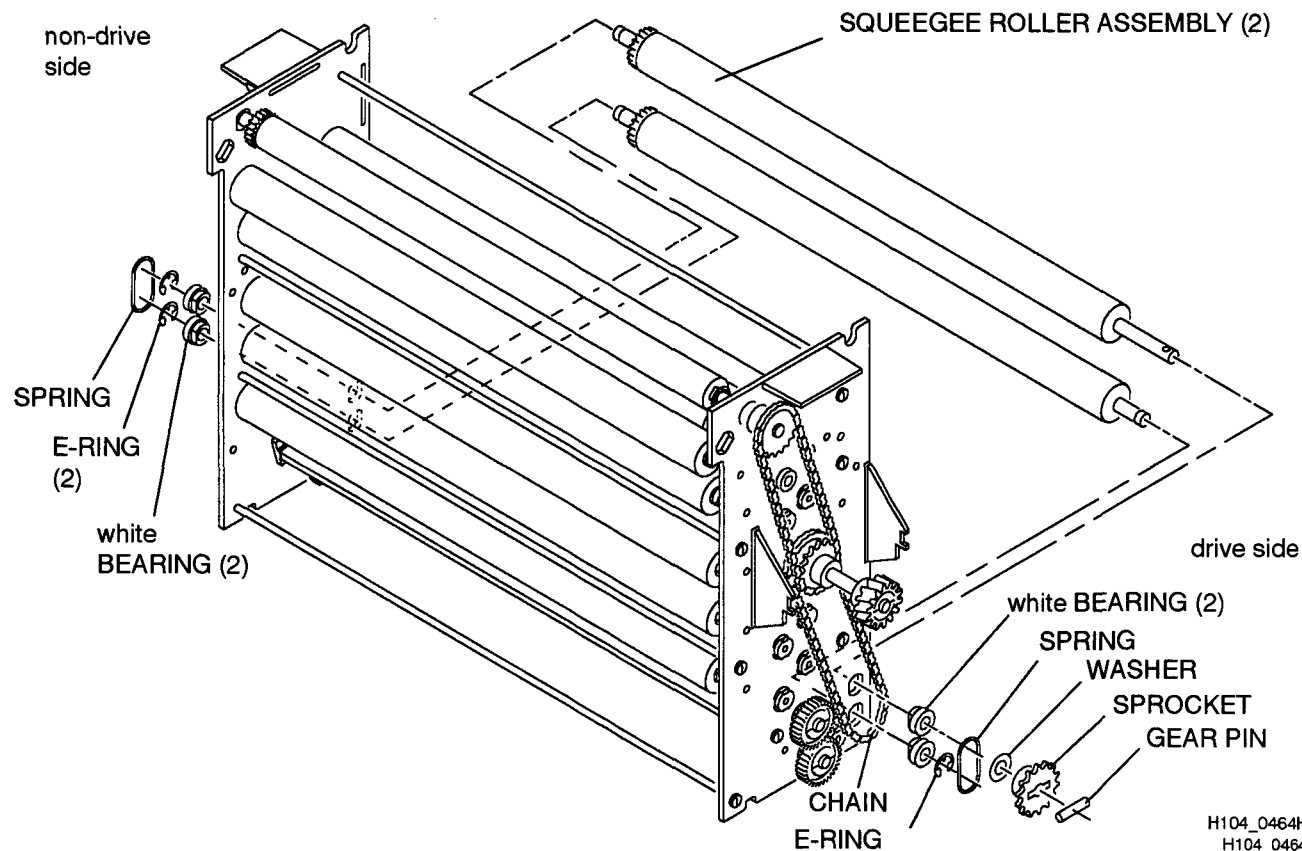
- SPROCKET and CHAIN
- GEAR PIN

[25] To hold the GEAR PIN in position, move the top SQUEEGEE ROLLER ASSEMBLY toward the non-drive side of the DRYER RACK.

[26] Install on the non-drive side:

- 2 new white BEARINGS
- 2 new E-RINGS
- new SPRING
 - Part No. 246580 for 270 RA or
MULTILOADER 300
 - Part No. 459344 for 180 LP

[27] Continue with Step [28].



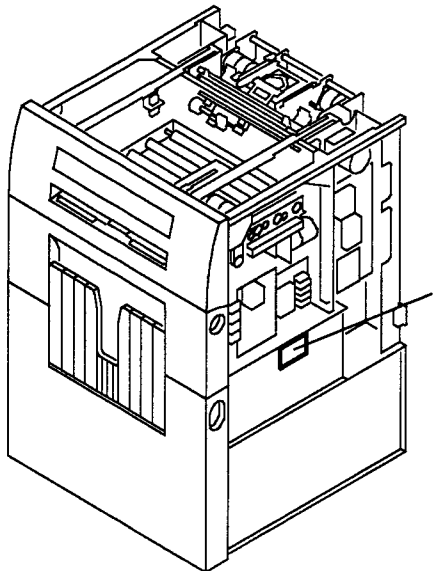
Modified Type I Configuration of the Dryer Rack

[28] Install:

- DRYER COVER
- DRYER RACK in the PROCESSOR
- TOP EXIT RACK, if the PROCESSOR has one
- WET SECTION COVER

[29] Circle on the MODIFICATION STICKER:

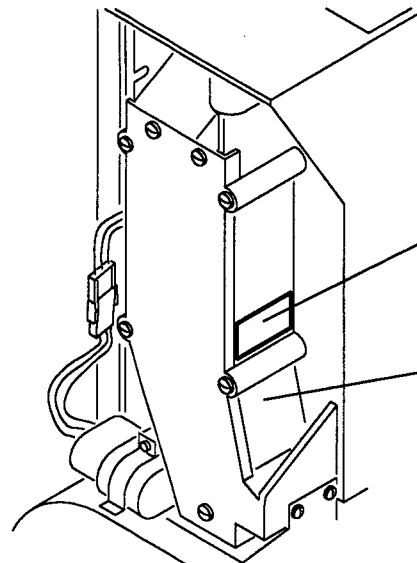
- "21" for a MULTILOADER 300
- "15" for a 270 RA PROCESSOR
- "2" for a 180 LP PROCESSOR



MODIFICATION
STICKER

H104_0343ACA
H104_0343AC

MULTILOADER 300

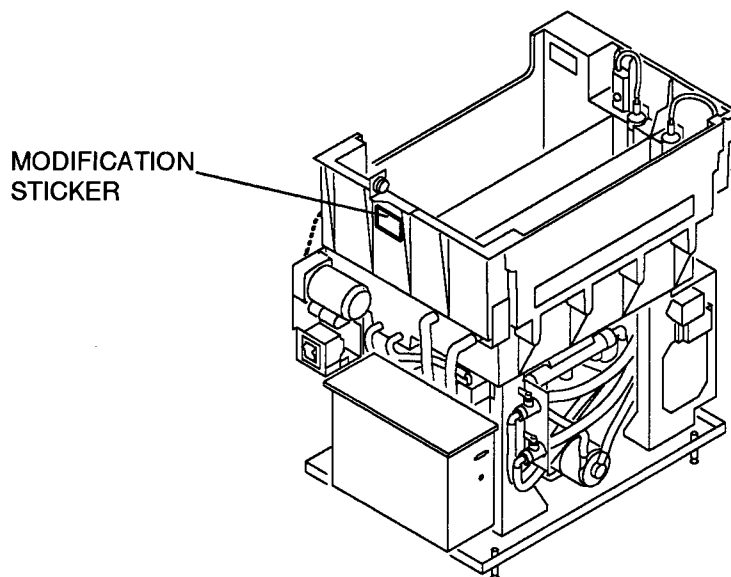


MODIFICATION
STICKER

DRYER
PLENUM

H104_0336ACA
H104_0336AA

270 RA PROCESSOR



MODIFICATION
STICKER

H127_0160BCA
H127_0160BA

180 LP PROCESSOR

NOTE

You have been charged for the updated SQUEEGEE ROLLERS that were sent to you. Return the old style SQUEEGEE ROLLERS with the green Service Tag for HSD Equipment Parts, and you will be credited for the price of the updated SQUEEGEE ROLLERS.

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