

# MODIFICATION INSTRUCTIONS

for the

***KODAK X-Omatic* MULTILOADER 300**

Service Code 3058

## MODIFICATION No. 12

### Type 1

#### PURPOSE:

To install FLAT TABS that fulfill the safety requirements

**IMPORTANT** : Use qualified service personnel to install this modification !

**SERIAL NUMBERS** : 1001 to 1159

**INSTALLATION TIME** : Approx. 2.5 hours

**SPECIAL TOOLS** : none

**PARTS REQUIREMENTS** : MOD KIT #12 PN 9221010

**PLEASE NOTE**

The information contained herein is based on the experience and knowledge relating to the subject matter gained by Kodak prior to publication.

No patent license is granted by this information.

Kodak reserves the right to change this information without notice, and makes no warranty, express or implied, with respect to this information. Kodak shall not be liable for any loss or damage, including consequential or special damages, resulting from the use of this information, even if loss or damage is caused by Kodak's negligence or other fault.

**PARTS LIST**

<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>QUANTITY</b>
-----------------	--------------------	-----------------

<b>9221010.....</b>	<b>MOD KIT #12</b>	
---------------------	--------------------	--

The Kit contains:

.....	SLOTTED INSULATING TUBE (570mm) .....	1
4536242.....	FLAT TABS.....	15
4500142.....	TOOTHED WASHER .....	40
6081850.....	WIRE TIES.....	8
4521441.....	SELFADHESIVE WIRE TIE SOCKETS .....	3

# INTRODUCTION

This safety modification remedies 4 potential safety risks:

## **1. POWER SUPPLY**

The wires of the WIRING HARNESS to CONNECTOR X4 ( POWER CONNECTOR for the 270RA PROCESSOR ) are not double insulated. This harness has to be covered with an additional INSULATING TUBE.

## **2. POWER SUPPLY**

The SAFETY GRID above the FAN in the POWER SUPPLY has to be grounded properly.

## **3. GROUND CONNECTIONS via FLAT TABS.**

The TAB RECEPTACLES are not secured against loosening from the FLAT TABS because the wrong type of FLAT TABS is installed. Therefore the FLAT TABS have to be replaced.

## **4. Routing of WIRING HARNESS close to the FILMPOCKET STEPPERMOTOR.**

The WIRING HARNESS close to the FILMPOCKET STEPPERMOTOR must not touch the motor because the wires are not double insulated.

## Installation

### **CAUTION**

To avoid an electrical shock switch off the XML300 and disconnect it from the mains. Leave it disconnected until the MODIFICATION is installed completely.

### Part 1

1. Take off the TOP-, REAR-, RIGHT-HAND- and LEFT-HAND PANEL.
2. Carefully pull out the POWER SUPPLY.
3. Mount the SLOTTED INSULATING TUBE to the WIRING HARENESS of CONNECTOR X4.

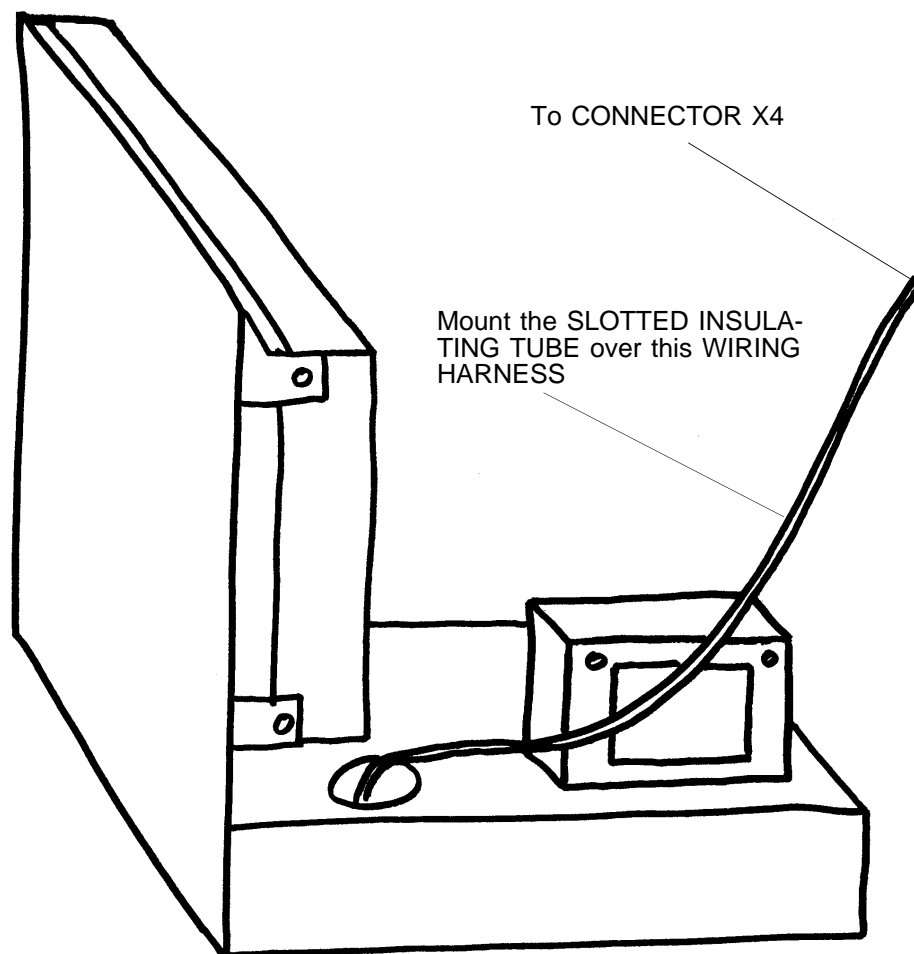


figure 1

## PART 2

1. Take out the MOUNTING SCREW of the POWER SUPPLY FAN.
2. Scratch off the anodized or colored surface at the indicated area.
3. Install the MOUNTING SCREW again. Make sure that the TOOTHED WASHERS are installed as shown.
4. Put the POWER SUPPLY back into its correct position.

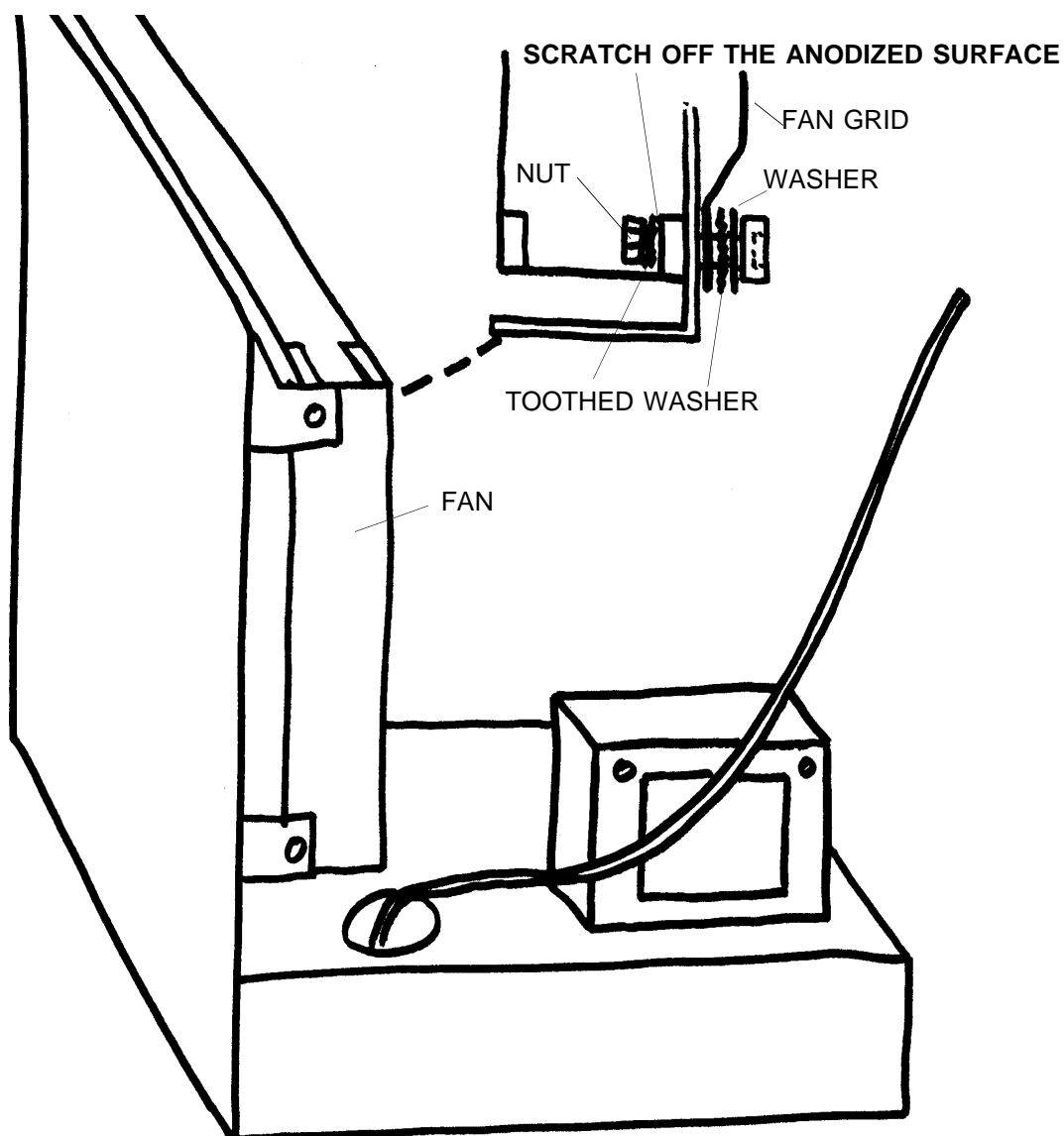


figure 2

## Part 3

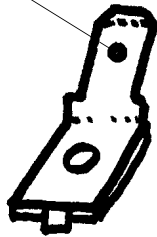
The FLAT TABS without a SECURING HOLE have to be replaced because the TAB RECEPTACLES of the GROUNDING WIRES could come loose.

### 1. FLAT TABS

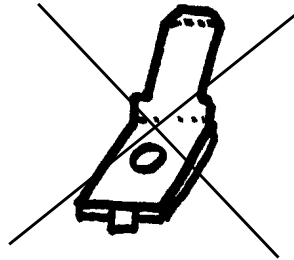
#### NOTE

**Mount the TAB RECEPTACLES that they are seated correctly on the FLAT TABS. This means the RECEPTACLE must be engaged into the SECURING HOLE of the FLAT TAB to avoid accidentally loosening.**

SECURING HOLE



**CORRECT FLAT TAB**  
4536242



**INCORRECT FLAT TAB**

figure 3

2. How to mount the FLAT TABS for GROUNDING WIRES correctly with the GROUNDING SCREW at an uncoated metal plate.

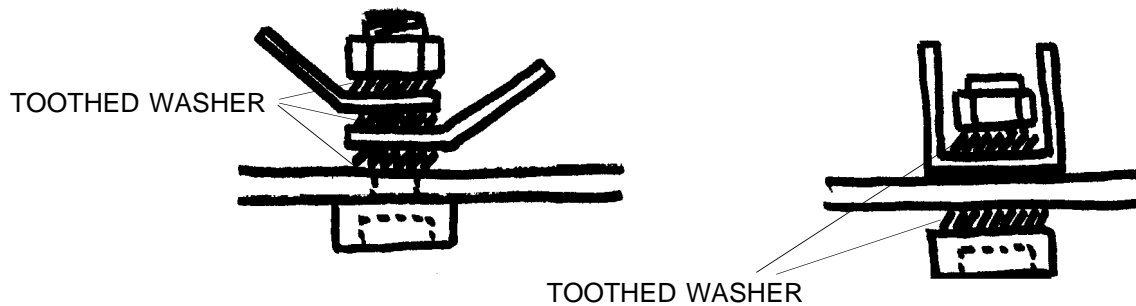


figure 4

GROUNDING SCREW at a coated ( anodized or painted ) metal plate.

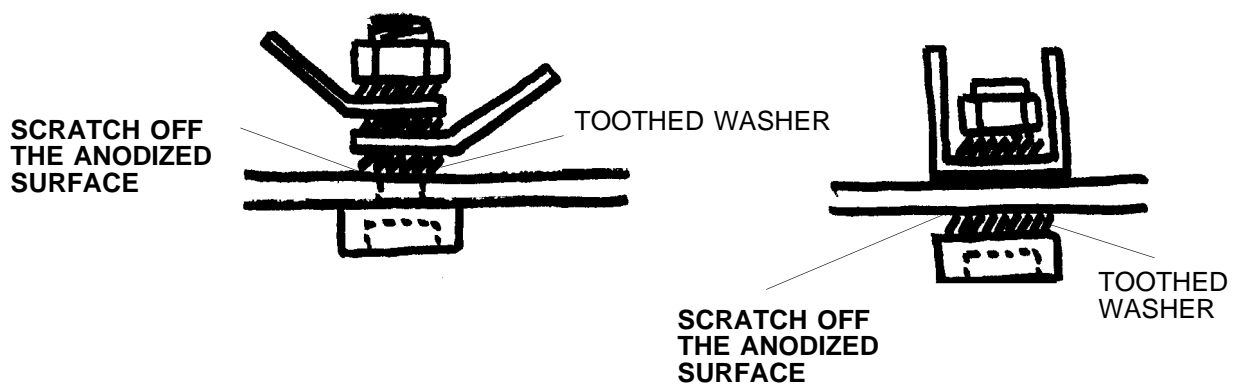


figure 5

- 3.** Replace the FLAT TAB at MOTOR M1 CASSETTE INPUT FLAP with FLAT TAB 4536242.

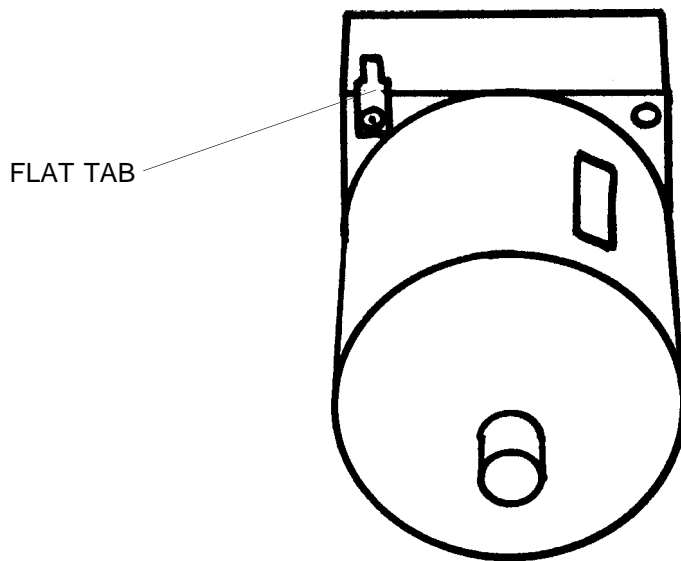


figure 6

- 4.** Replace the FLAT TAB at MOTOR M3 HOLDING FINGER with FLAT TAB 4536242.

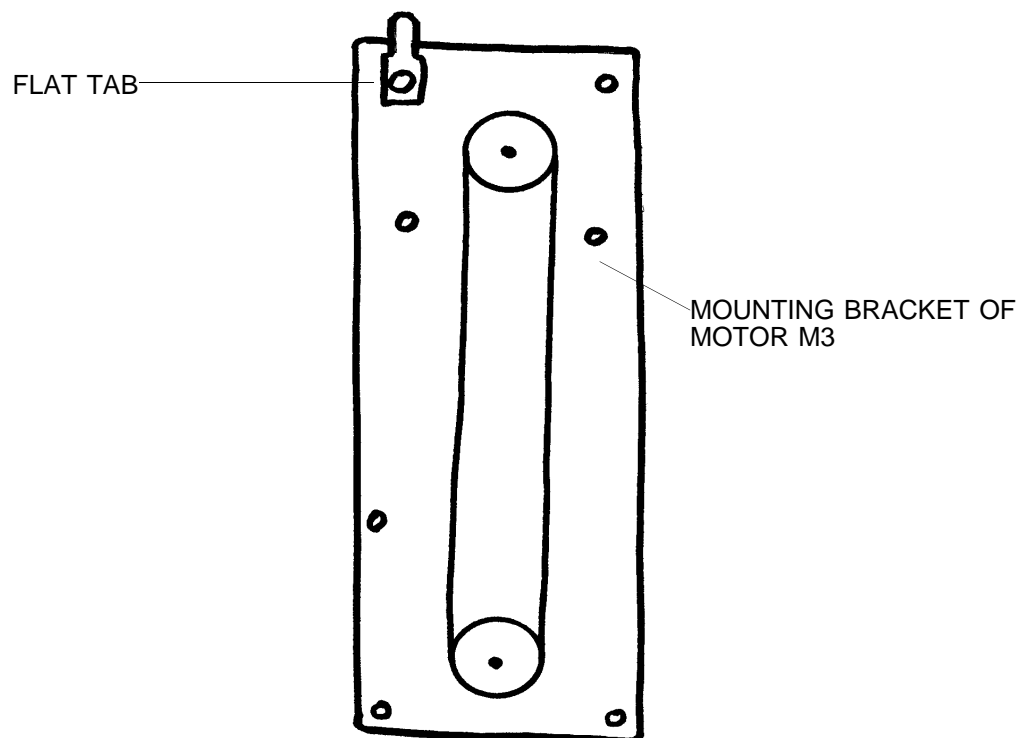


figure 7

5. Replace the FLAT TAB at MOTOR M4 CASSETTE CENTERING with FLAT TAB 4536242.

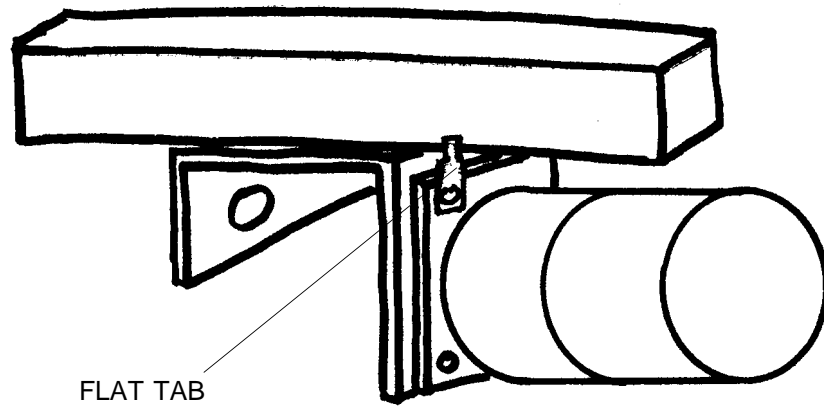


figure 8

6. Replace the FLAT TAB at MOTOR M6 FILM PICK UP CASSETTE ASSY with FLAT TAB 4536242.

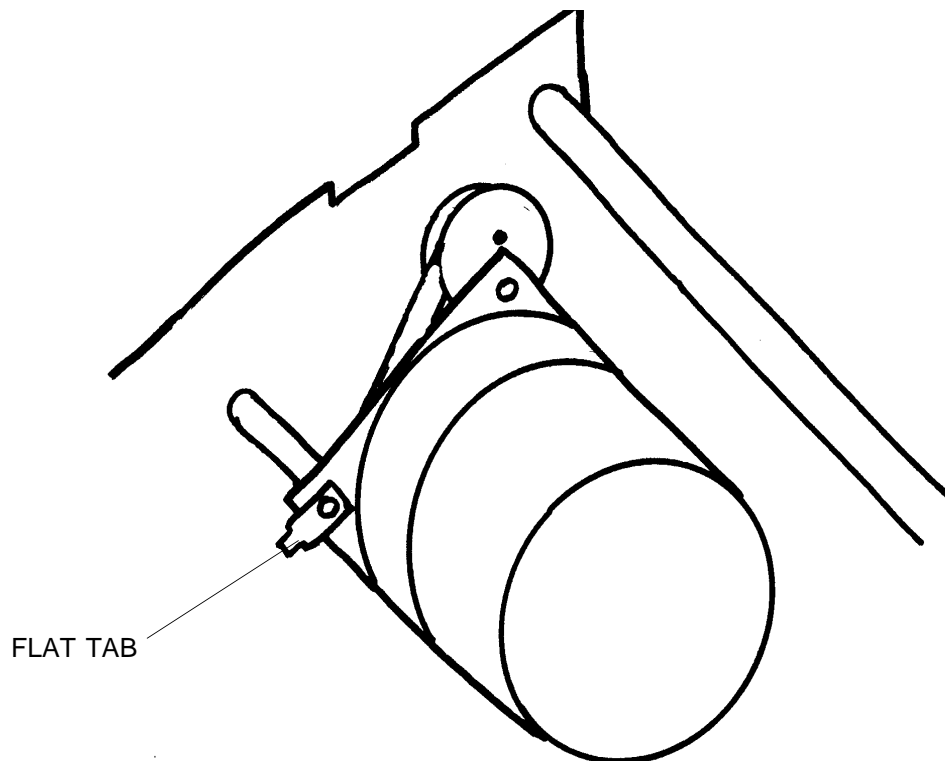


figure 9

7. Replace the FLAT TAB at MOTOR M7 ROLLER MOTOR with FLAT TAB 4536242.

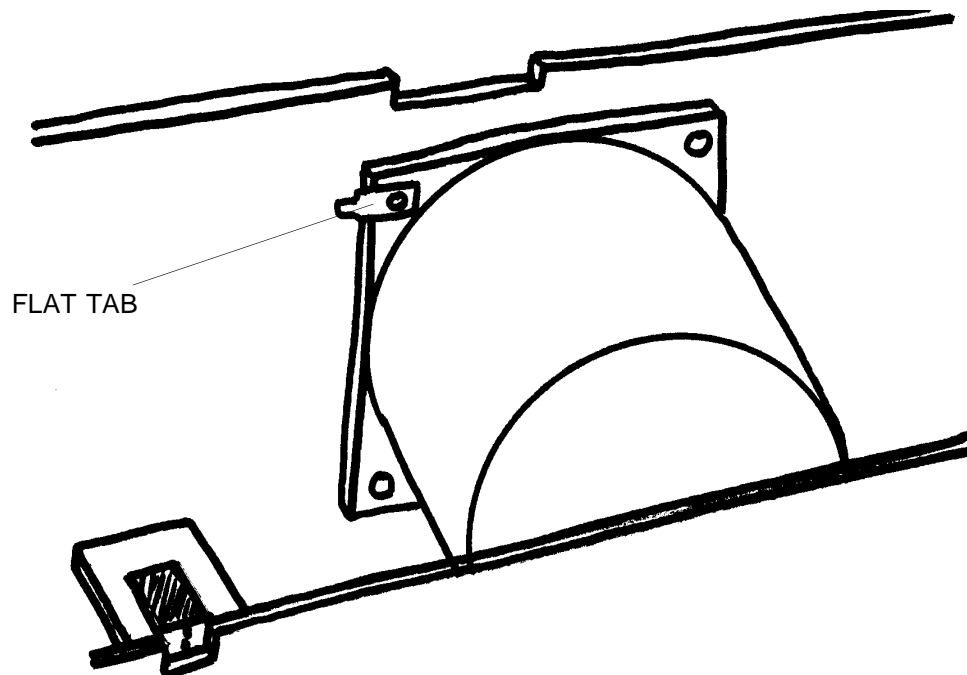


figure 10

8. Replace the FLAT TAB at MOTOR M14 MAGAZINE OPENING with FLAT TAB 4536242.

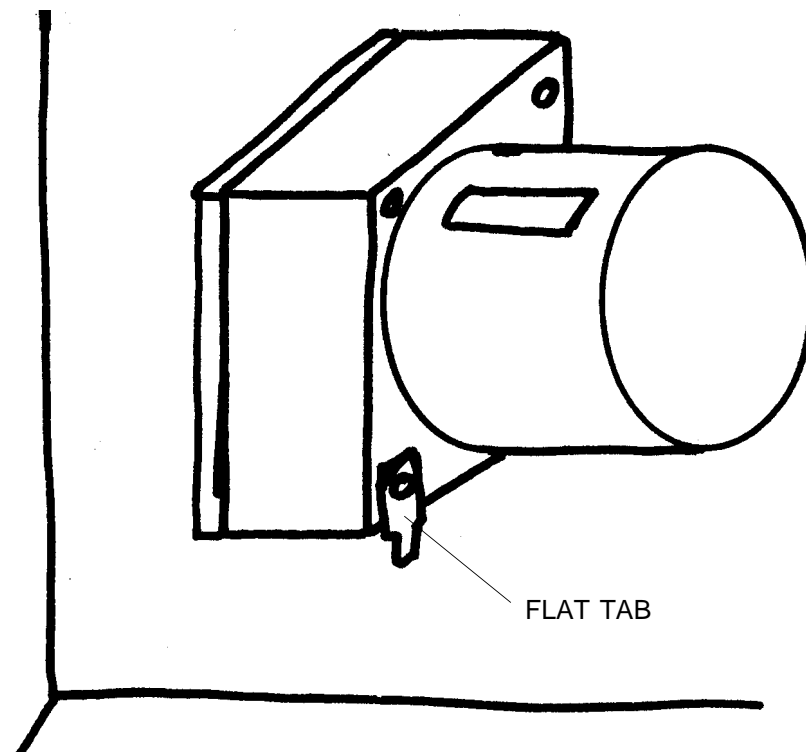


figure 11

9. Replace the FLAT TAB at the top left of the FILM CHUTE with FLAT TAB 4536242.

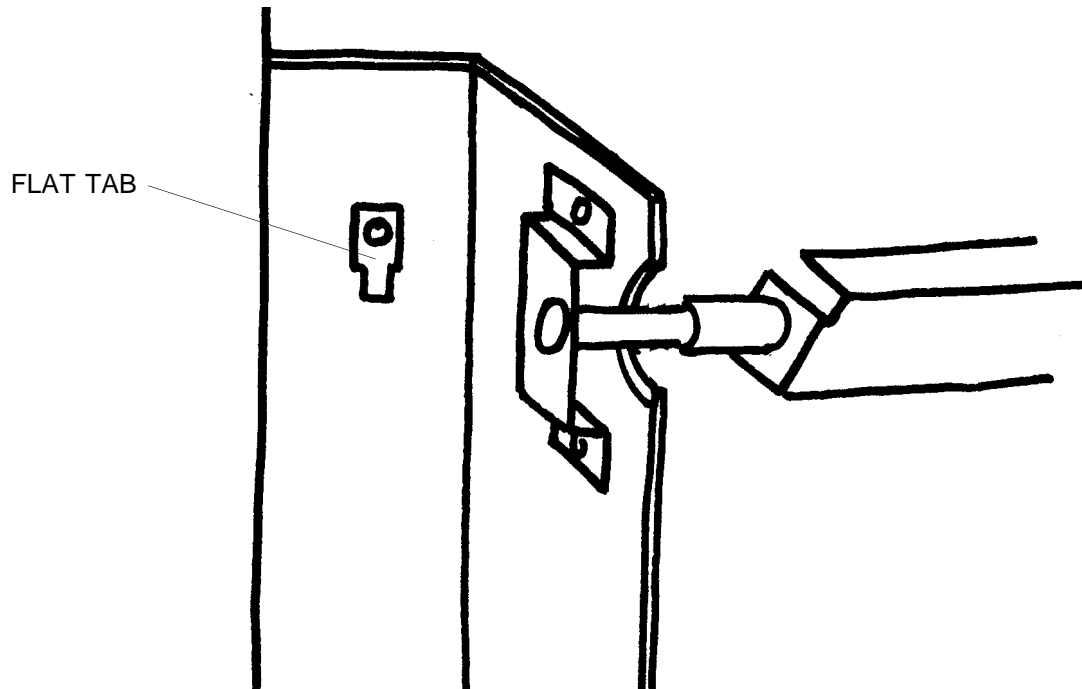


figure 12

10. Replace the FLAT TABS of the GROUND TERMINAL close to the FILMPOCKET STEPPER MOTOR with FLAT TABS 4536242.

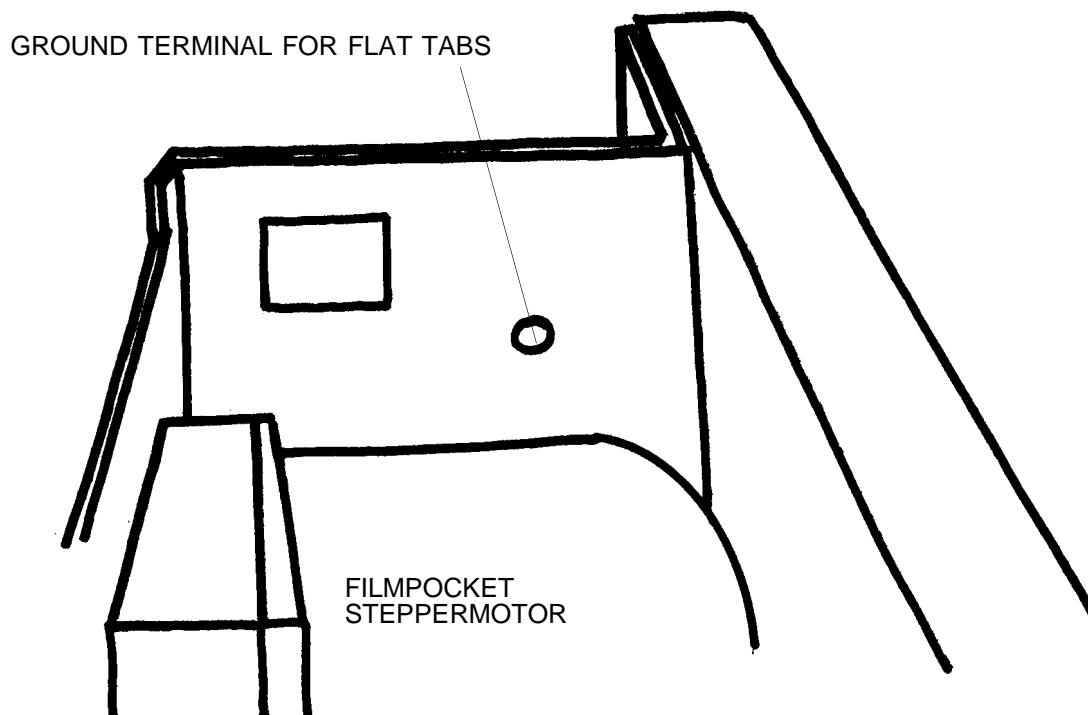


figure 13

- 11.** Replace the FLAT TABS of the GROUND TERMINAL above the POWERSUPPLY with 2 FLAT TABS 4536242.

**NOTE**

**Install the second FLAT TAB too. It will be used for a future modification.**

**CAUTION**

**To keep the FLAT TABS from falling into the Power Supply while replacing them cover the top opening of the POWER SUPPLY .**

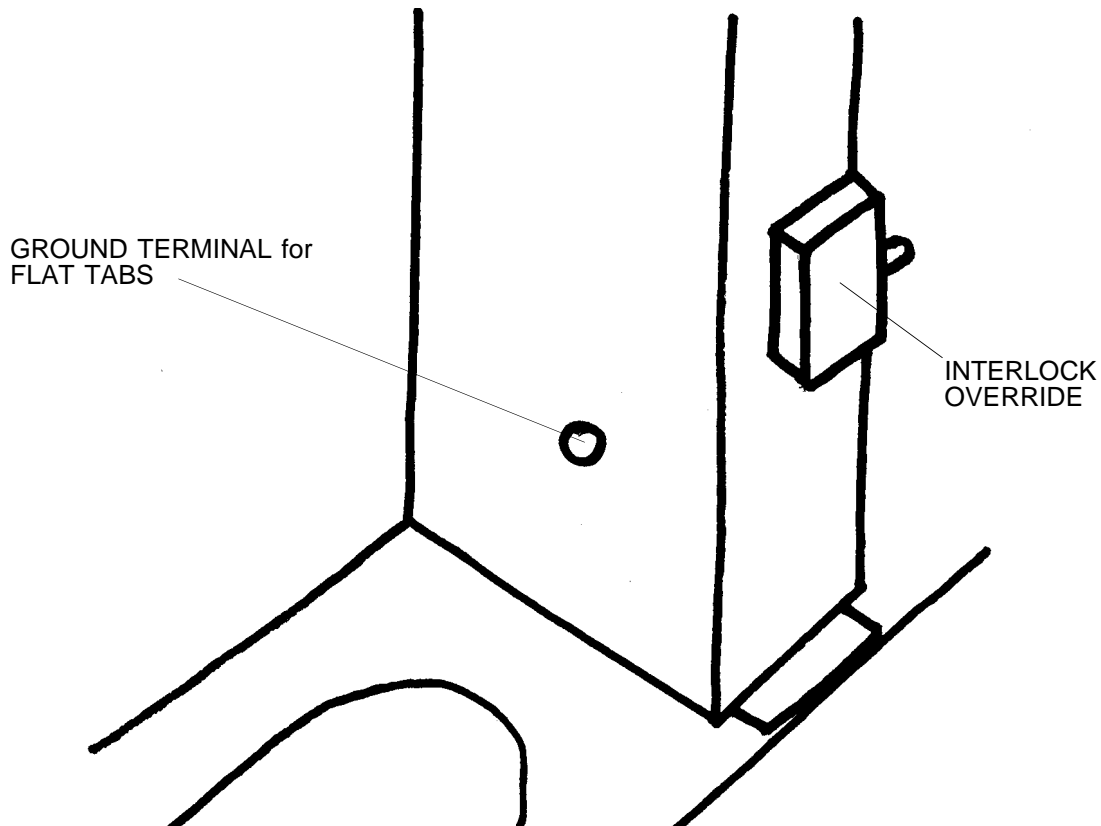


figure 14

- 12.** Check that the WIRING HARNESS close to the FILMPOCKET STEPPERMOTOR is routed as shown. It must not touch the MOTOR because the wires are not double insulated. If necessary mount the SELFADHESIVE WIRE TIE SOCKETS 4521441 and fix the WIRING HARNESS with WIRE TIES to it.

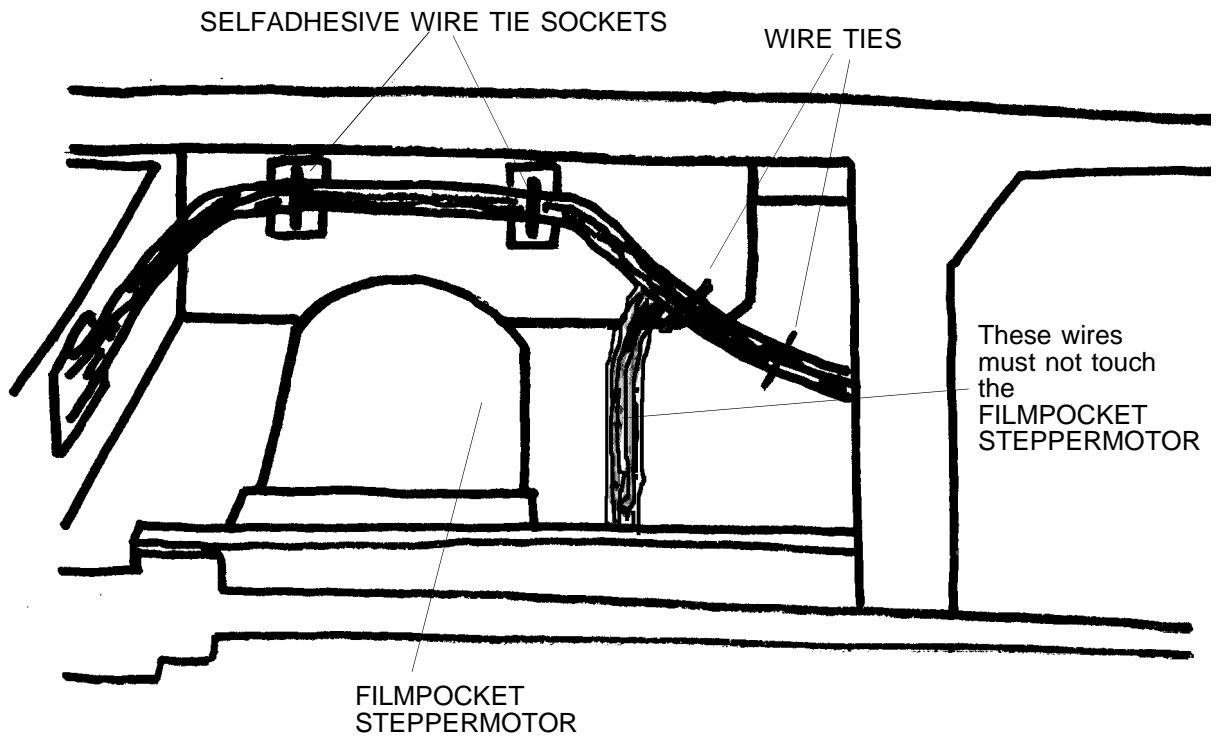


figure 15

**13.** Circle No 12 on the MODIFICATION Label.

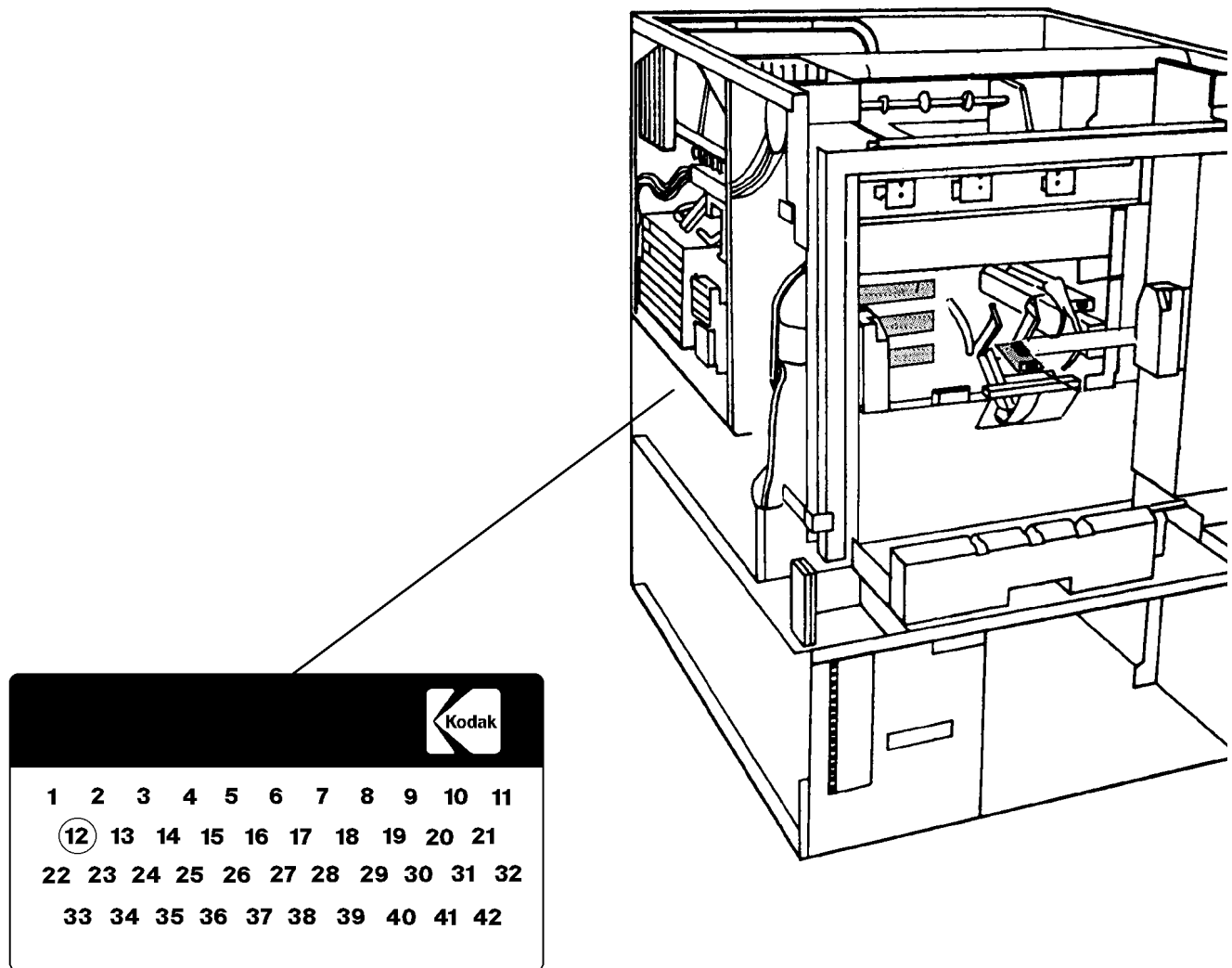


figure 16

**14.** Mount all PANELS.

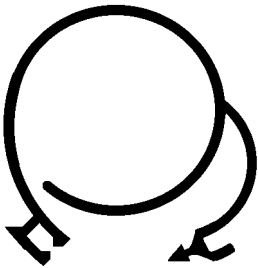
**15.** Connect the XML300 to the mains and switch it on.

**16.** Check the XML300 for correct operation.

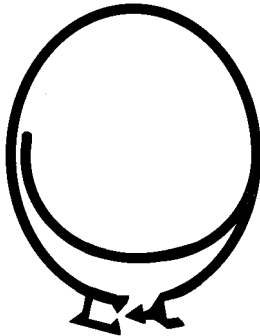
## MODIFICATION 12

How to close the ZIPPER TUBING.

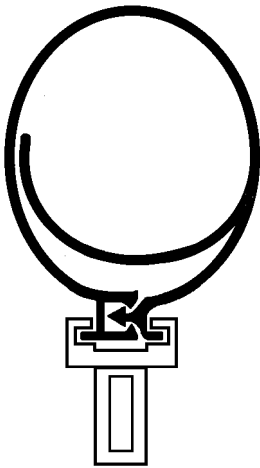
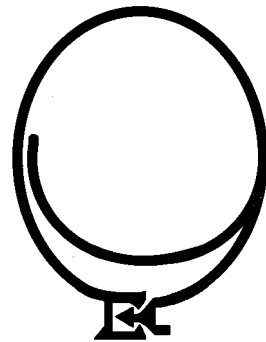
1.



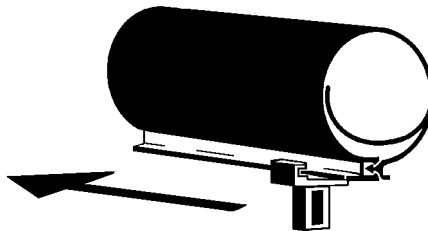
2.



3.



4.



5.



**CUSTOMER EQUIPMENT SERVICES KODAK AG STUTTGART GERMANY**