

MODIFICATION INSTRUCTIONS

for the

KODAK MULTILOADER 300

Service Code 3058

Modification No. 38

TYPE 2

PURPOSE:

To ensure that the bottom FILM CHUTE SENSOR B35 detects all type of films.

SERIAL NUMBERS: up to SN 2130

INSTALLATION TIME: Approx. 1 hours

PARTS REQUIREMENTS: Modification Kit 9228706

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PARTS LIST

<u>PART-NO.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
9228706.....	MOD KIT 32	

The KIT contains:

4521441.....	WIRE TIE SOCKET.....	1
6081850.....	WIRE TIE	1
9216202.....	MOUNTING BRACKET	1
9218701.....	ADAPTER CABLE	1

INTRODUCTION

For some very transparent films (for example AGFA DUPLIKAT FILM) the sensitivity of SENSOR B35 (Interface bottom) is too high. To reduce the sensitivity install the new (longer) SENSOR MOUNTING BRACKET and the ADAPTER CABLE. This Adapter contains a resistor with 100 Ohm.

INSTALLATION

1. Switch off the ML300 .
2. Take off the PANELS.
3. Take off and discard the existing MOUNTING BRACKET of SENSOR B35.

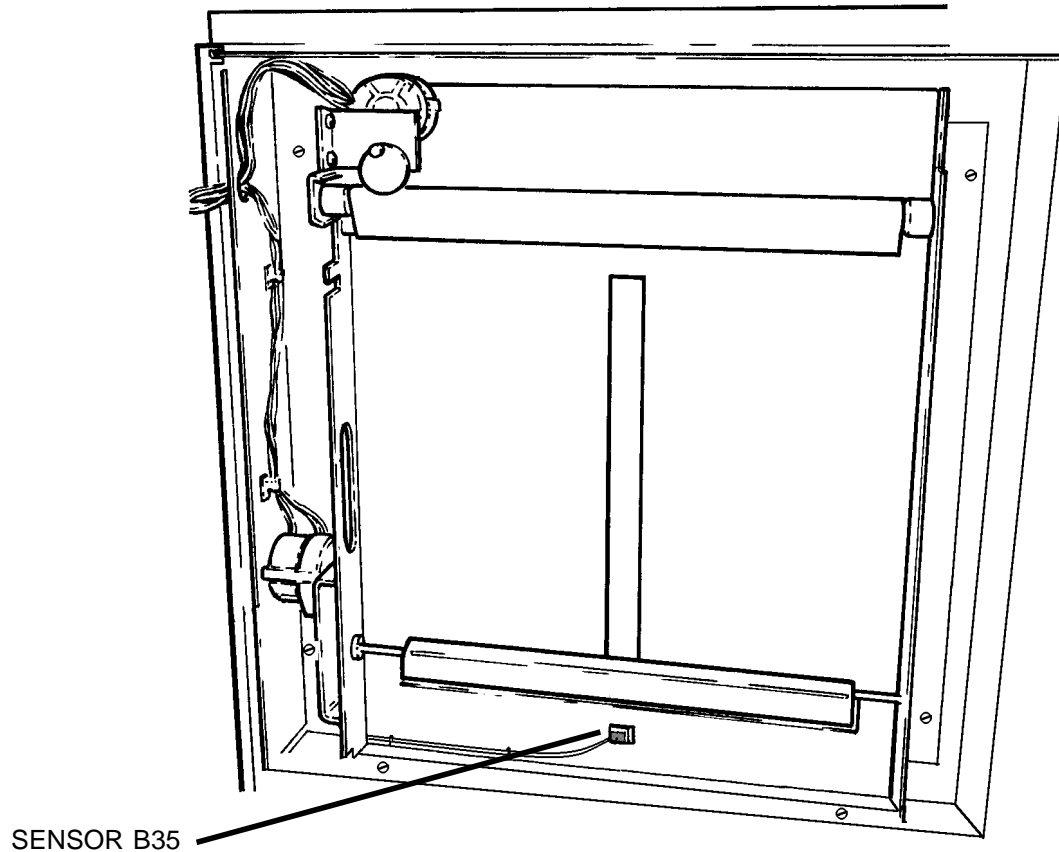


figure 1

4. Mount SENSOR B35 onto the new (longer MOUNTING BRACKET. See the drawing on the next page.

CAUTION

Do not break the SENSOR WIRES.

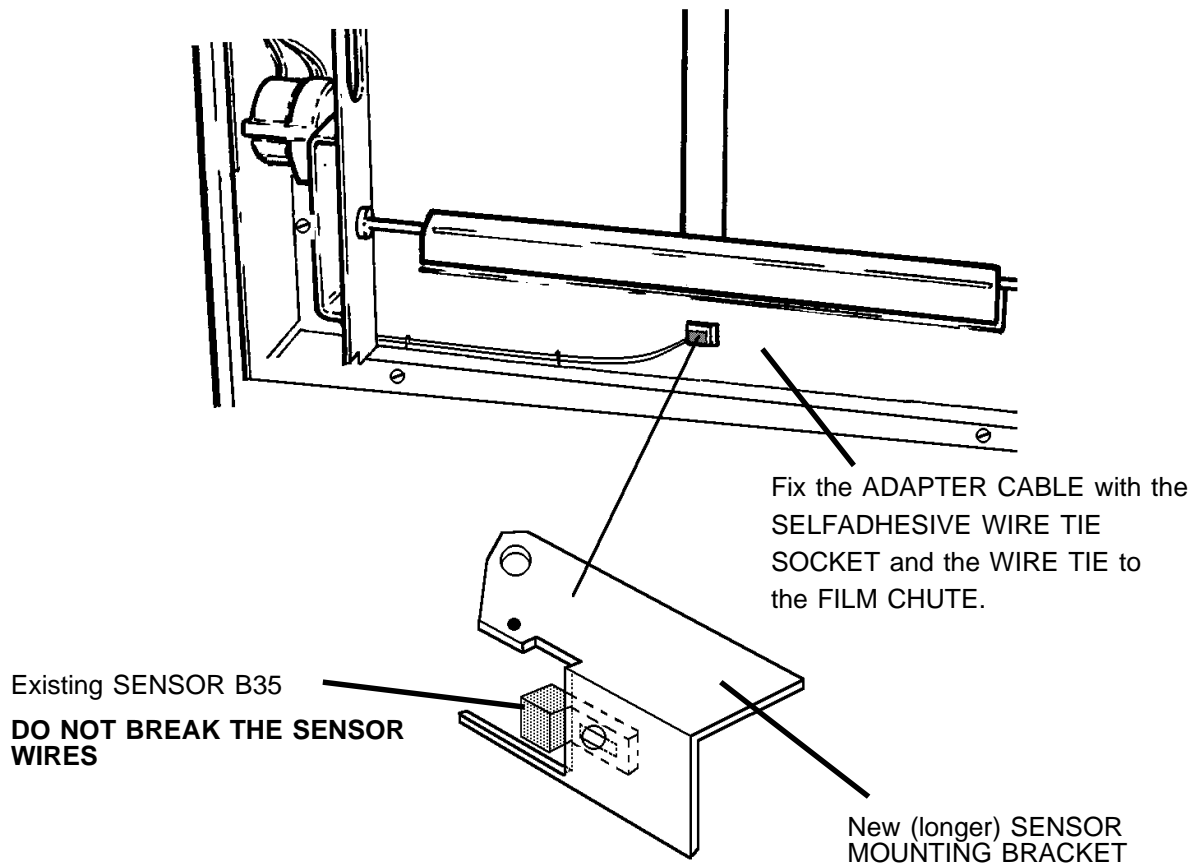


figure 2

5. Connect the new ADAPTER CABLE in between the SENSOR B35 and the existing CABLE. See the figure on the next page.
6. Fix the ADAPTER CABLE with the SELFADHESIVE WIRE TIE SOCKET and WIRE TIE to the FILM CHUTE.

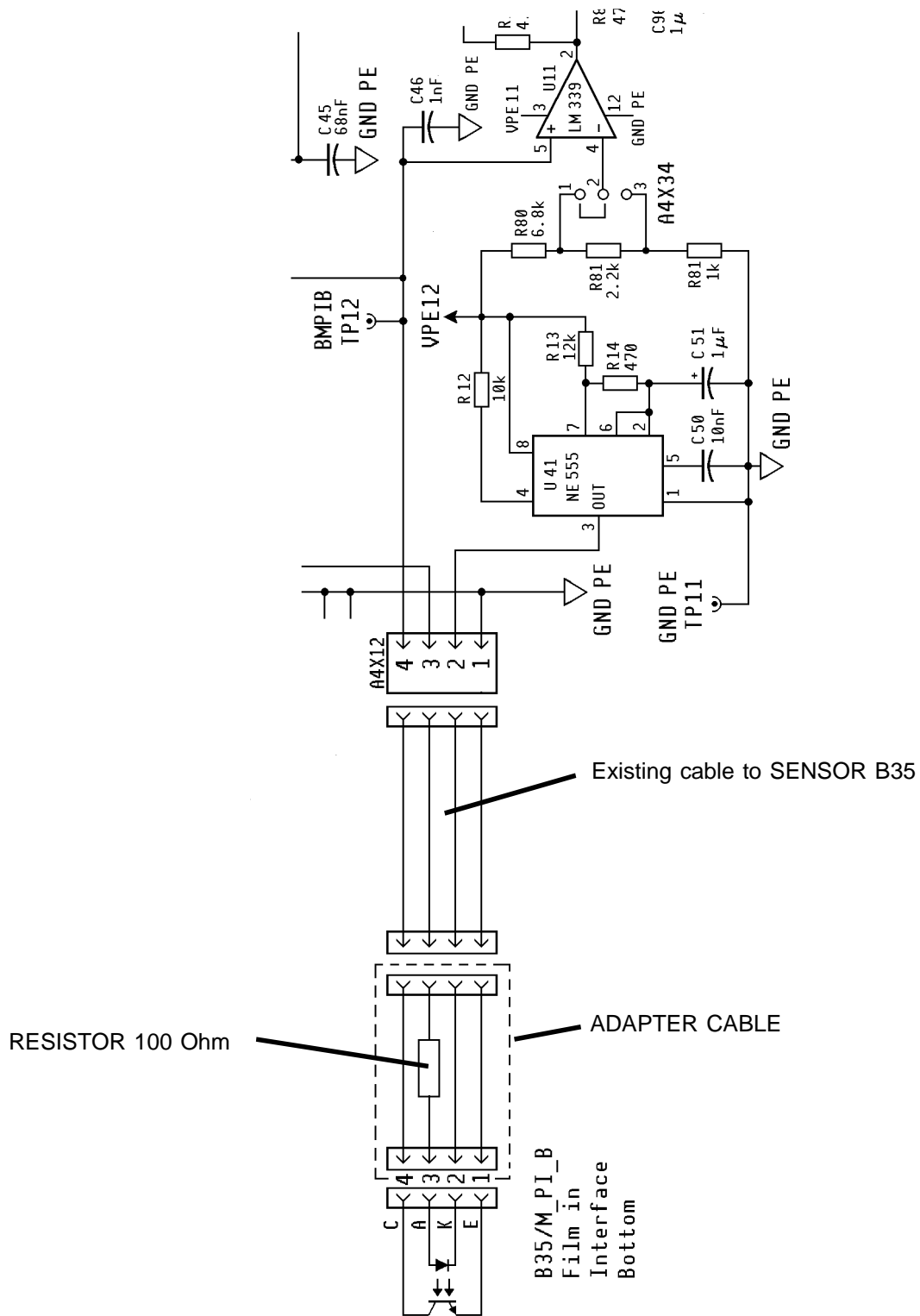


figure 3

ADJUSTMENT OF SENSOR B35 FILM IN INTERFACE BOTTOM

Purpose:

This adjustment ensures that all types of FILM are recognised in the bottom of the FILM CHUTE.

CAUTION

Take proper ESD SAFETY PRECAUTIONS when doing this adjustment.

1. Ensure that the XML300 is switched off.
2. Pull out U41 off PCB A4.
3. Connect PIN 1 to PIN 3 at the SOCKET of U41.

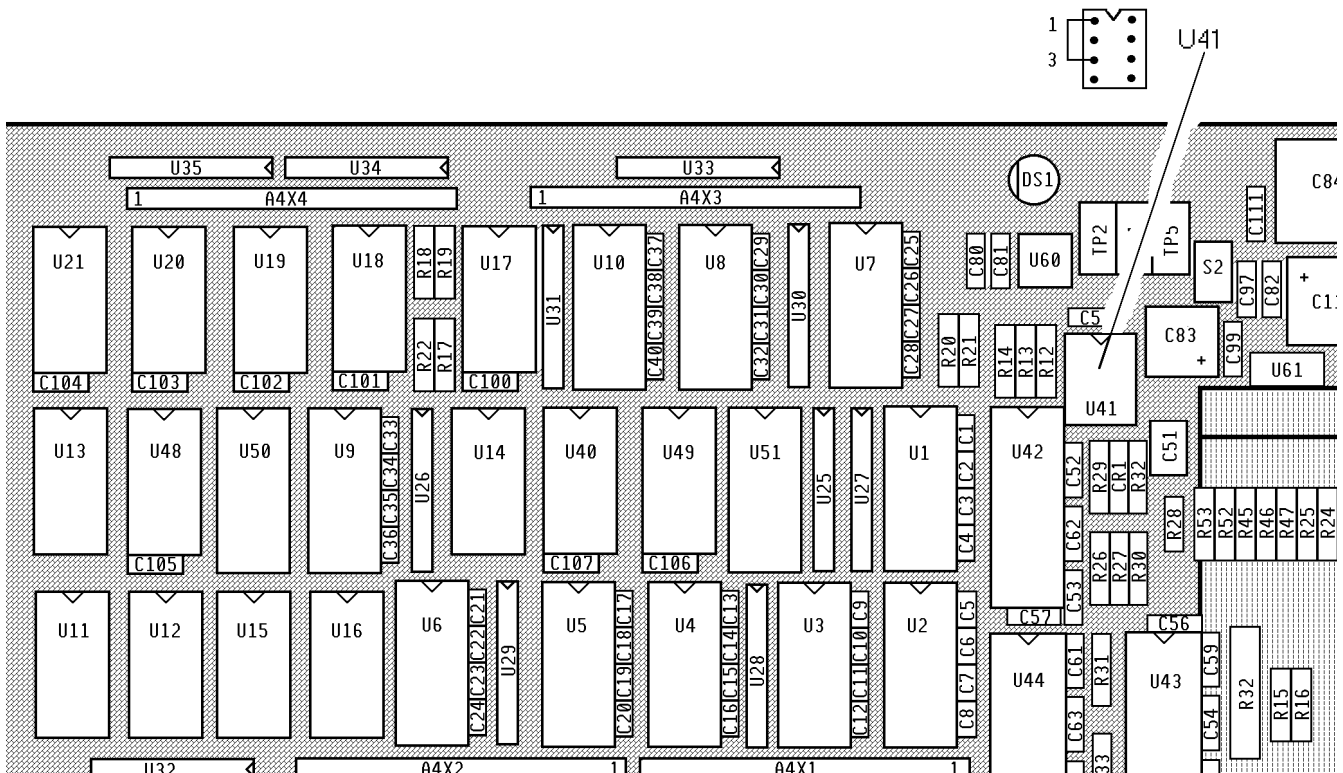


figure 4

4. Connect the DVM to TP12 of PCB A4 and to TP11(GND PE) of PCB A4 (for the location of the TEST PINS see figure 5 for the wiring diagram see figure 3).

5. Switch on the XML300.
6. Adjust the mechanical position of B35 relative to its MIRROR, so that the indicated voltage is < 500mV.
7. Interrupt the infrared beam with a FILM. The voltage should now be > 1.9 V.

NOTE

The FILM should be close to the SENSOR and not close to the MIRROR.

8. If the values are not correct, reposition SENSOR B35 and its MIRROR.
9. Check this adjustment with all different types of customer films.
10. If necessary, do the corrections.
11. Switch off the XML300.
12. Take out the JUMPER between PIN 1 and PIN 3 at the SOCKET of U41.
13. Insert U41.
14. Check for the correct setting of JUMPER A4X34. The JUMPER has to be between 1 and 2.

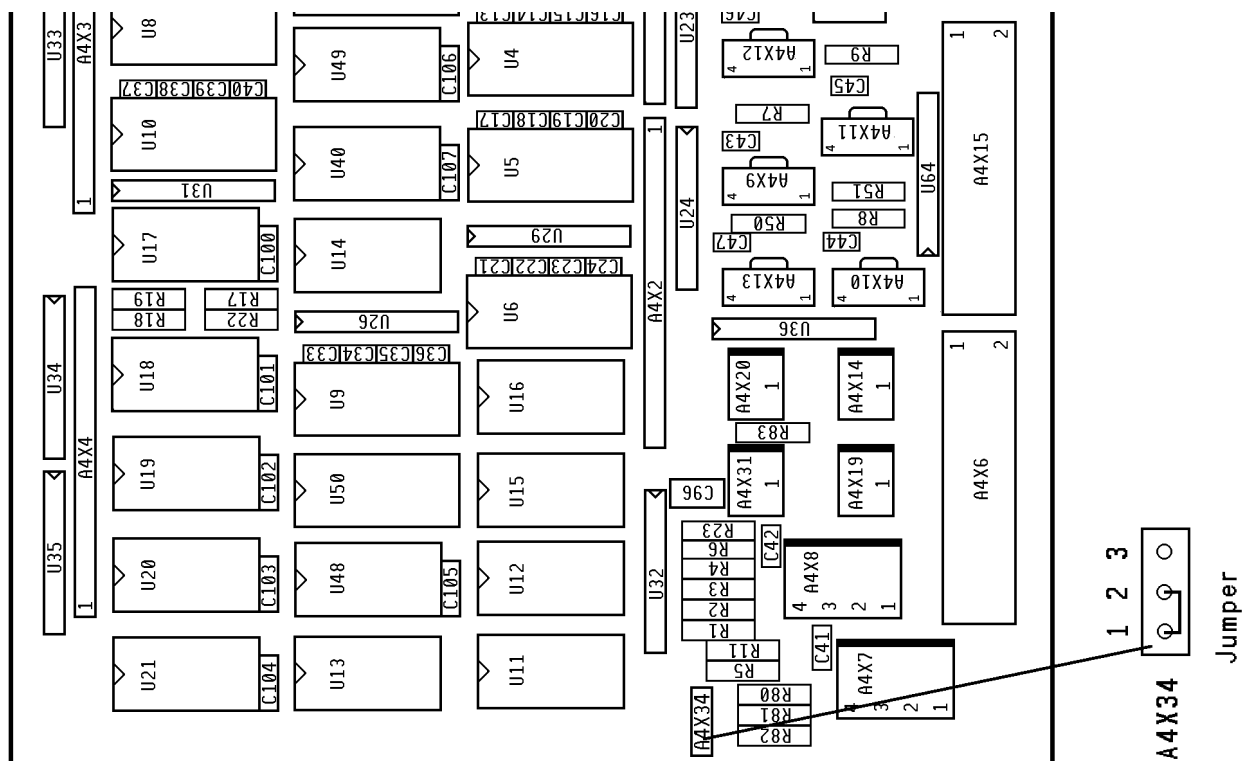


figure 6

FINAL TEST

1. Circle No.38 on the Modification Label.

from SN 1370

up to SN 1369

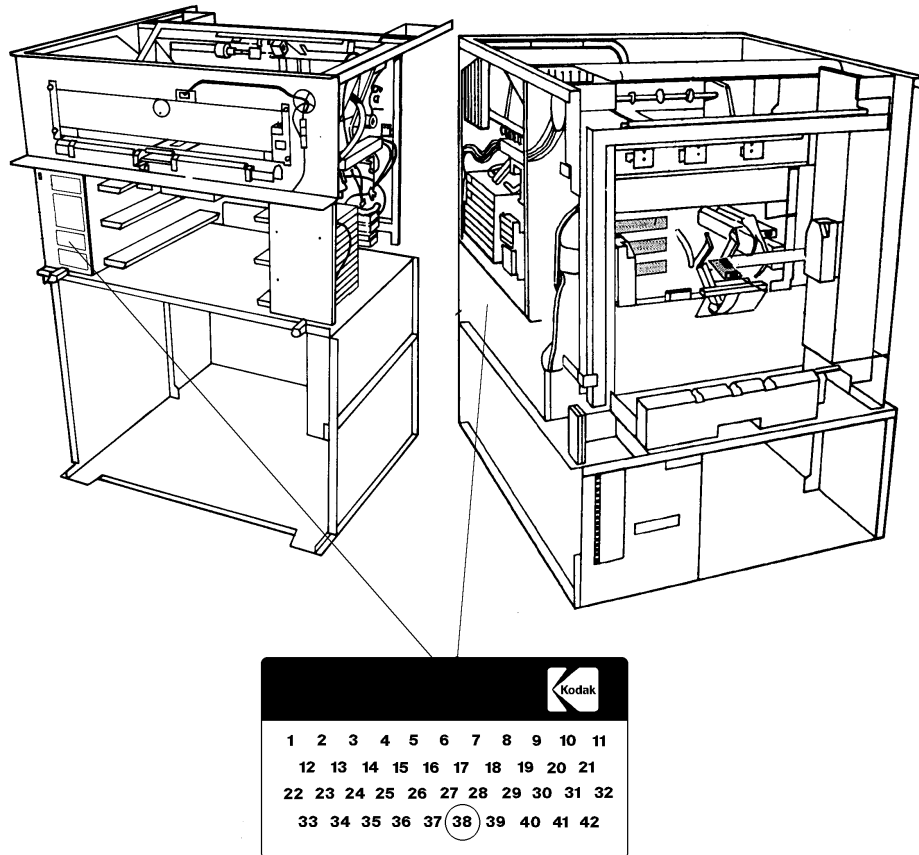


figure 7

2. Mount all PANELS
3. Run a few cycles to ensure proper operation.



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