

MODIFICATION INSTRUCTIONS

for the

***KODAK X-Omatic* MULTILOADER 700 / 700 PLUS**

Service Code 3053 / 3443

ML700 MODIFICATION No. 31

ML700 PLUS MODIFICATION No. 2

Type 1R REQUIRED

PURPOSE:

To avoid corrosion in the compressor caused by condensed water flowing back.

IMPORTANT : Use qualified service personnel to install this modification !

SERIAL NUMBERS : all ML700s

ML700 PLUS 50 Hz SN 3000 to 3348
ML700 PLUS 60 Hz SN 7000 to 7225

INSTALLATION TIME : Approx. 0.5 hours

SPECIAL TOOLS : none

PARTS REQUIREMENTS : MOD KIT PN 9286496

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PARTS LIST

PART NUMBER	DESCRIPTION	QUANTITY
9286496	MODIFICATION KIT No. 31 consists of:	
MA 3053-31	MODIFICATION INSTRUCTIONS	1
5001678	PU-6 HOSE	1
4512650	WIRE TIE	4

INTRODUCTION

Condensed water, accumulated in the hose from the COMPRESSOR to the WATER TRAP flows back into the COMPRESSOR. This causes corrosion in the COMPRESSOR CYLINDER. As end result the COMPRESSOR has to be repaired or replaced. To prevent the water from flowing back into the COMPRESSOR a “HOSE LOOP” has to be installed. The lowest point of this loop has to be lower than the air cylinder of the COMPRESSOR. The water is now collected in the loop and as soon as the COMPRESSOR is started, the water is blown out through the WATER TRAP.

INSTALLATION of MOD 31 ML700

1. Switch off the ML700.
2. Open the left-hand SIDE PANEL and take off the GRID infront of the COMPRESSOR.
3. Remove the HOSE between COMPRESSOR and ELBOW FITTING.

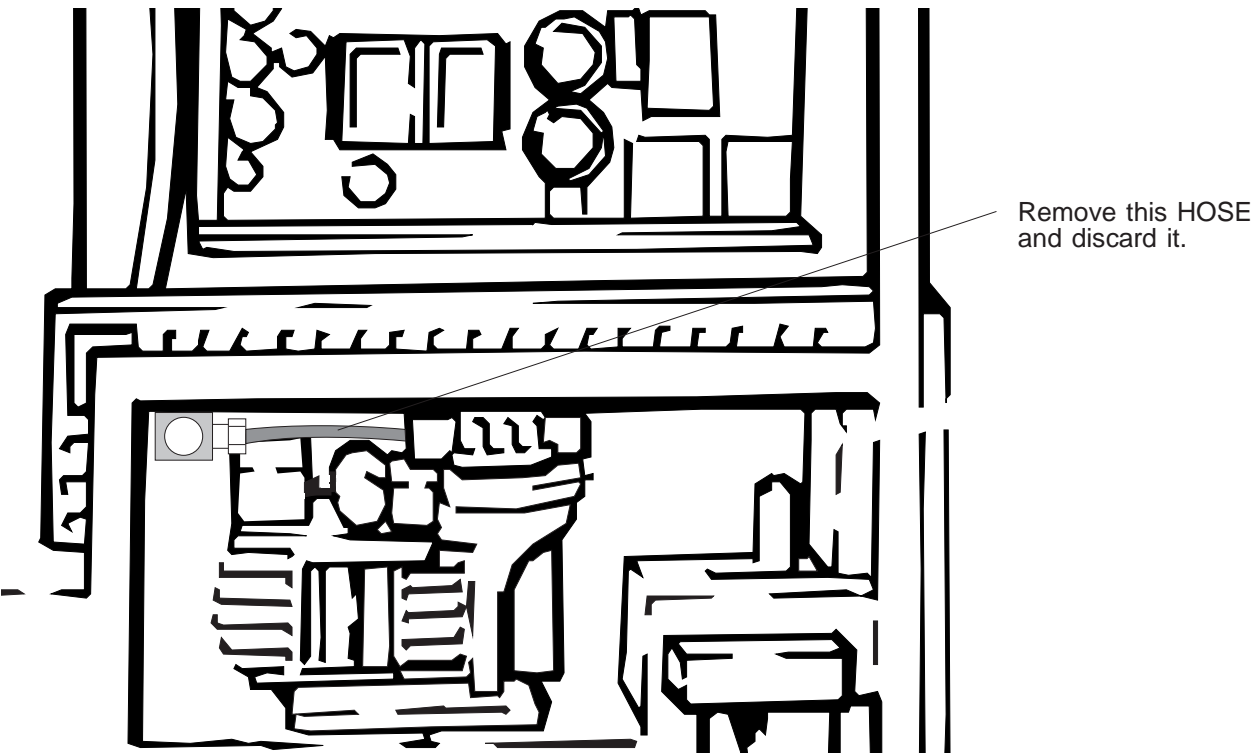


figure 1-1

4. Mount the HOSE from the KIT. Form a loop and fix it with WIRE TIES to the COMPRESSOR.

NOTE

Ensure that the HOSE LOOP is not caught by the FAN WHEEL.

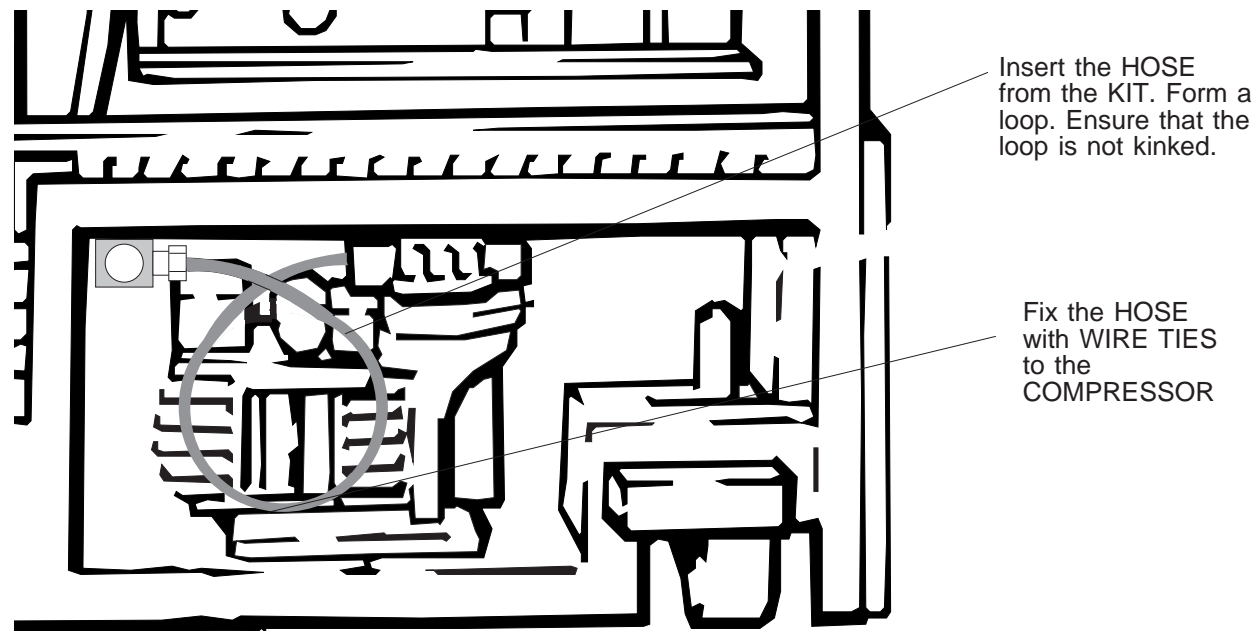


figure 1-2

FINAL TEST

1. Open the right-hand PANEL.
2. Switch on the ML700.
3. Start the COMPRESSOR.
4. Check that the AIR BOTTLE becomes filled and that the FITTINGS on the new HOSE are not leaking.
5. Circle MOD 31 on the MODIFICATION LABEL.

Kodak										
1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	
22	23	24	25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40	41	42	

figure 1-3

6. Mount the GRID in front of the compressor. Close all PANELS.

INSTALLATION of MOD 2 ML700 PLUS

1. Switch off the ML700 PLUS.
2. Open the left-hand SIDE PANEL. Take off the GRID in front of the COMPRESSOR.
3. Remove the HOSE between COMPRESSOR and ELBOW FITTING.

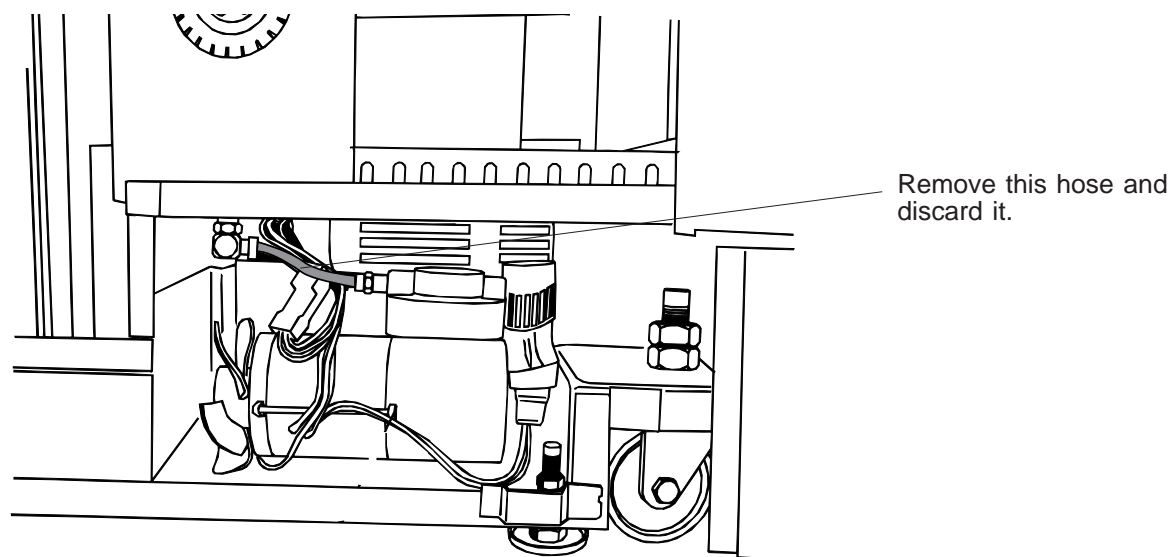


figure 1-4

4. Mount the HOSE from the KIT. Form a loop and fix it with WIRE TIES to the COMPRESSOR.

NOTE

Ensure that the HOSE LOOP is not caught by the FAN WHEEL.

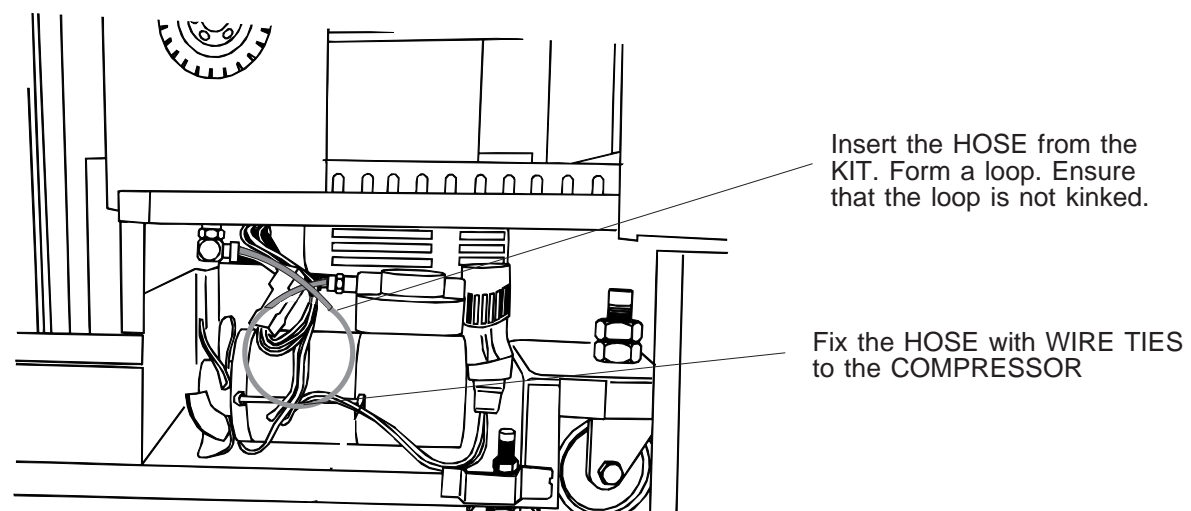


figure 1-5

FINAL TEST

- 1. Open the right-hand PANEL.
- 2. Switch on the ML700 PLUS.
- 3. Start the COMPRESSOR.
- 4. Check that the AIR BOTTLE becomes filled and that the FITTINGS on the new HOSE are not leaking.
- 5. Circle MOD 2 on the MODIFICATION LABEL.

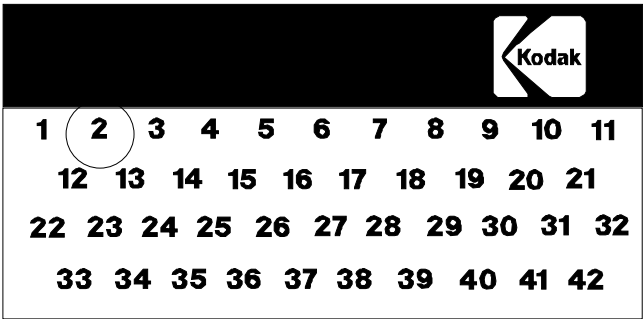


figure 1-6

- 6. Mount the GRID infront of the COMPRESSOR. Close all PANELS.



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