

MODIFICATION INSTRUCTIONS

for the

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

Service Code 3058

MODIFICATION No. 14

Type 2

PURPOSE:

To avoid excessive film curl and to reduce off static marks on films.

IMPORTANT : Use qualified service personnel to install this modification !

SERIAL NUMBERS : all units

INSTALLATION TIME : Approx. 1.5 hours

SPECIAL TOOLS : electric power drill, drill bit 9mm

PARTS REQUIREMENTS : for SN1001 to 1300 order MOD KIT #14 **PN 9220800**
for SN 1301 and higher order MOD KIT #14 **PN 9220801**

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PARTS LIST

PART NO.	DESCRIPTION	QUANTITY
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9220800..... MOD KIT #14 SN 1001 to 1300

The Kit contains:

9218003.....	HUMIDIFIER	1
9198266.....	FILTER CARTRIDGE	1
9210961.....	REAR ACCESS PANEL.....	1
4521441.....	SELF ADHESIVE WIRE TIE SOCKET	5
6081850.....	WIRE TIE	8
4282838	SCREW M3x10.....	4
4470106.....	WASHER.....	4
4853111.....	NUT M3.....	4
4282261.....	COUNTERSINK SCREW M4x12.....	4
9198386.....	DRAIN HOSE ASSEMBLY	1
9219221.....	WIRE HARNESS	1
9219231.....	WIRE HARNESS	1
9218002.....	WATER SUPPLY HOSE ASSEMBLY	1

9220801..... MOD KIT #14 SN 1301 and higher

The Kit contains:

9218003.....	HUMIDIFIER	1
9198266.....	FILTER CARTRIDGE	1
4521441.....	SELF ADHESIVE WIRE TIE SOCKET	5
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4282261.....	COUNTERSINK SCREW M4x12.....	4
9198386.....	DRAIN HOSE ASSEMBLY	1
9219221.....	WIRE HARNESS	1
9219231.....	WIRE HARNESS	1
9218002.....	WATER SUPPLY HOSE ASSEMBLY	1

INTRODUCTION

The HUMIDIFIER is an accessory for the XML300. It increases the relative humidity inside the XML300 to avoid excessive film curl and to reduce off static marks on films.

FUNCTION:

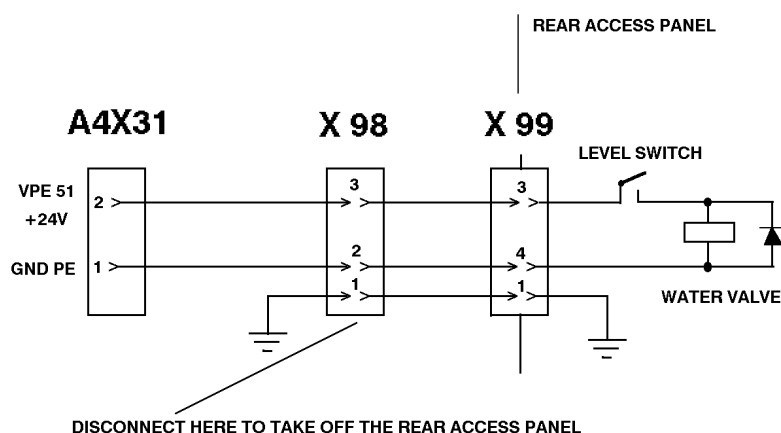


figure 1

The LEVEL SWITCH controls the water level in the HUMIDIFIER HOUSING. The HUMIDIFIER does not have a separate FAN because one is mounted at the air intake of the XML300 POWER SUPPLY. The HUMIDIFIER operates as long as the XML300 is switched on. It does not have a HUMIDITY SENSOR. This means the humidity is raised to the highest possible level depending on the environmental conditions. If the XML300 is switched off, the HUMIDIFIER is still working because the FAN in the POWER SUPPLY is running as long as the XML300 is connected to the mains. However humid air is sucked into the XML300 only until the water in the HUMIDIFIER is evaporated and the FILTER is dried out. This may take a few hours.

INSTALLATION

1. Disconnect the XML300 from the mains.

WARNING

A cable has to be routed through the POWER SUPPLY. To avoid an electrical shock disconnect the XML300 from the mains.

2. Close the water supply to the XML300
3. Take off the TOP COVER, the RIGHT-HAND PANEL, the REAR PANEL and the REAR ACCESS PANEL of the XML300.

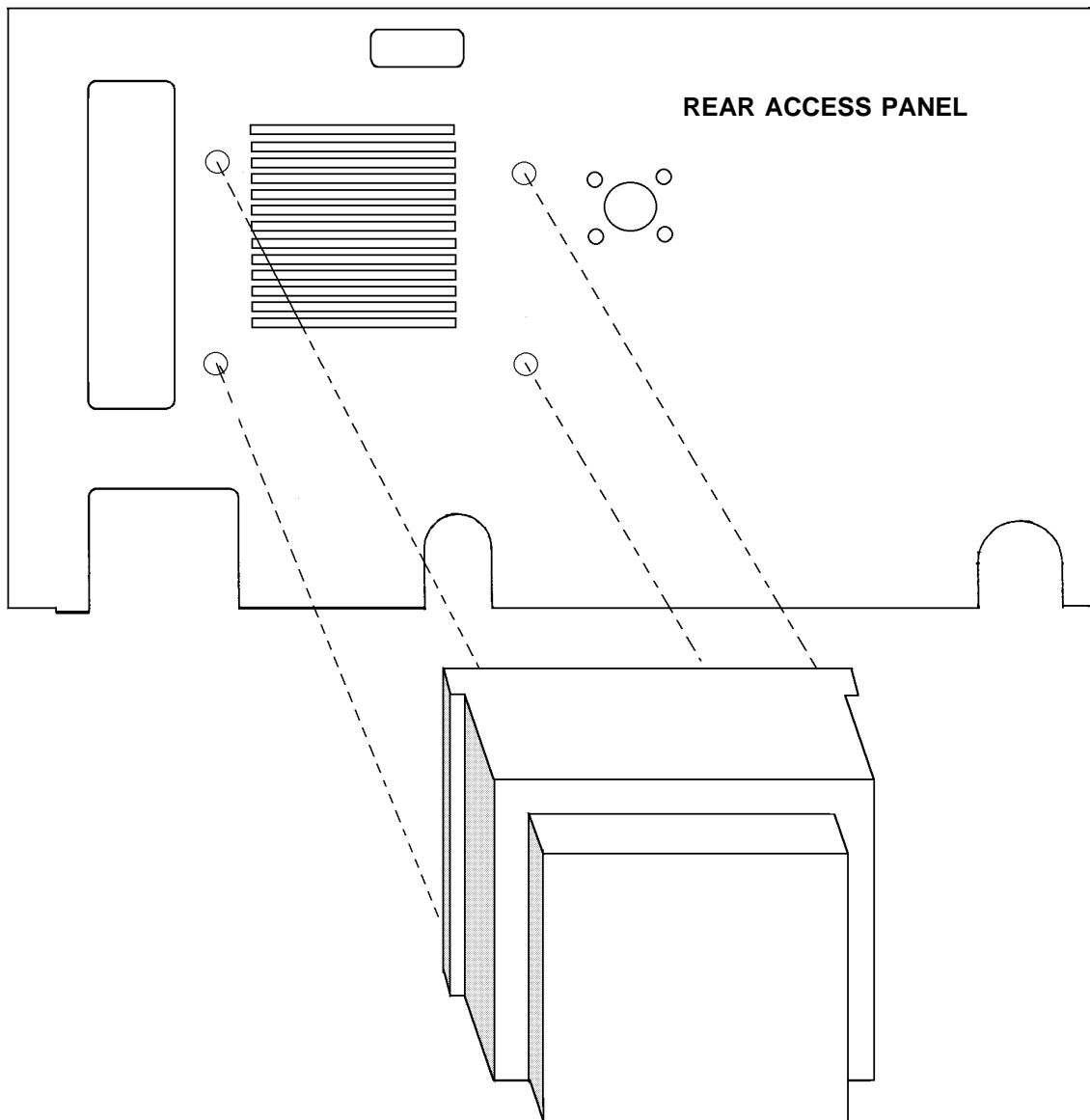


figure 2

4. If you have a XML300 with SN1301 and higher proceed with step 7.
5. Replace the REAR ACCESS PANEL of the XML300 with the ACCESS PANEL from the MODIFICATION KIT 9220800.
6. Discard the old REAR ACCESS PANEL of the XML300.
7. Countersink the 4 boreholes with a 9mm drill bit from the inner side.

Countersink the 4 boreholes from the rear

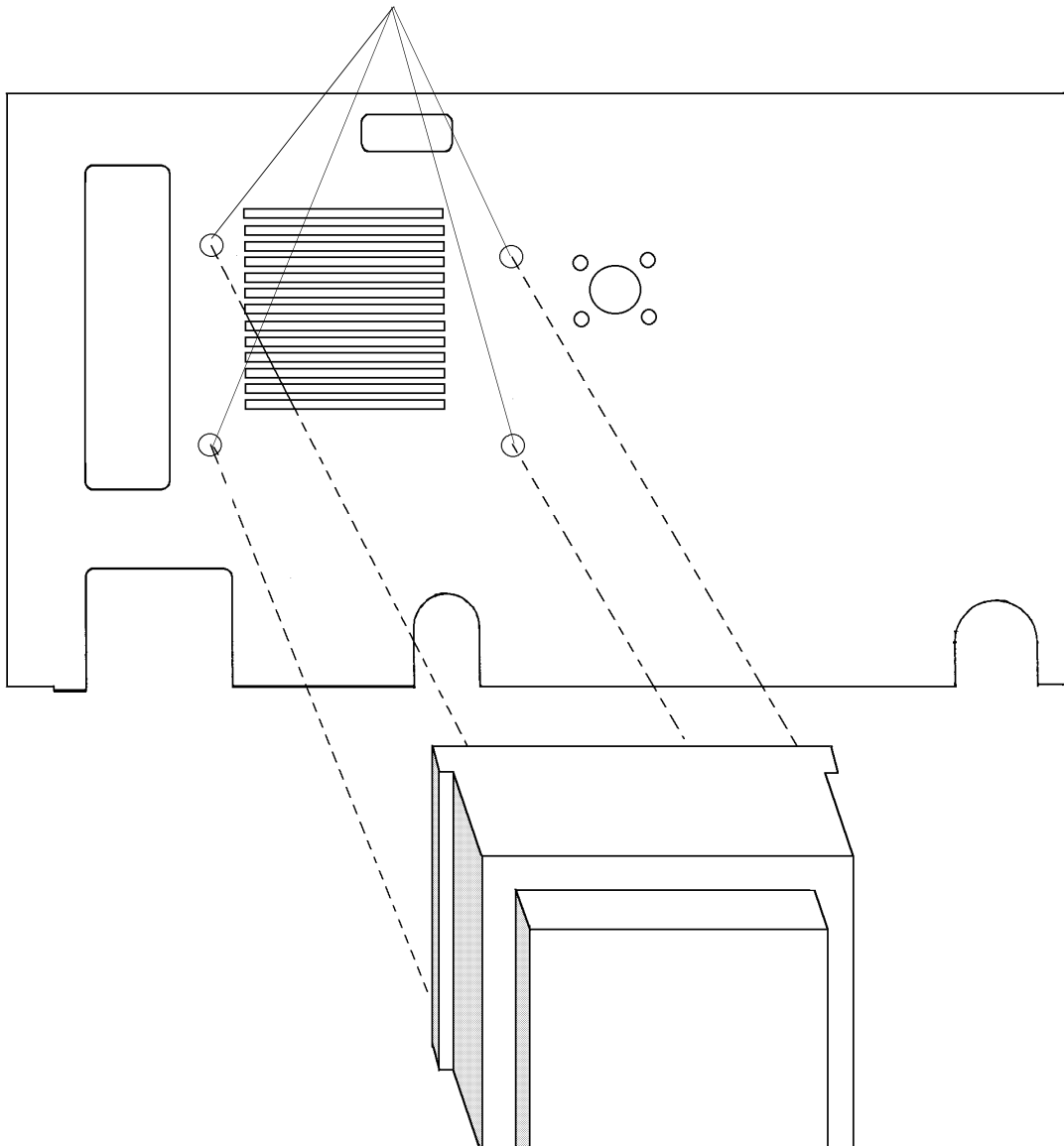


figure 3

8. Mount the HUMIDIFIER to the REAR ACCESS PANEL. Use 4 screws M4x12.
9. Mount the round CONNECTOR X99 from the rear. Use 4 screws M3x10 with washers and nuts.

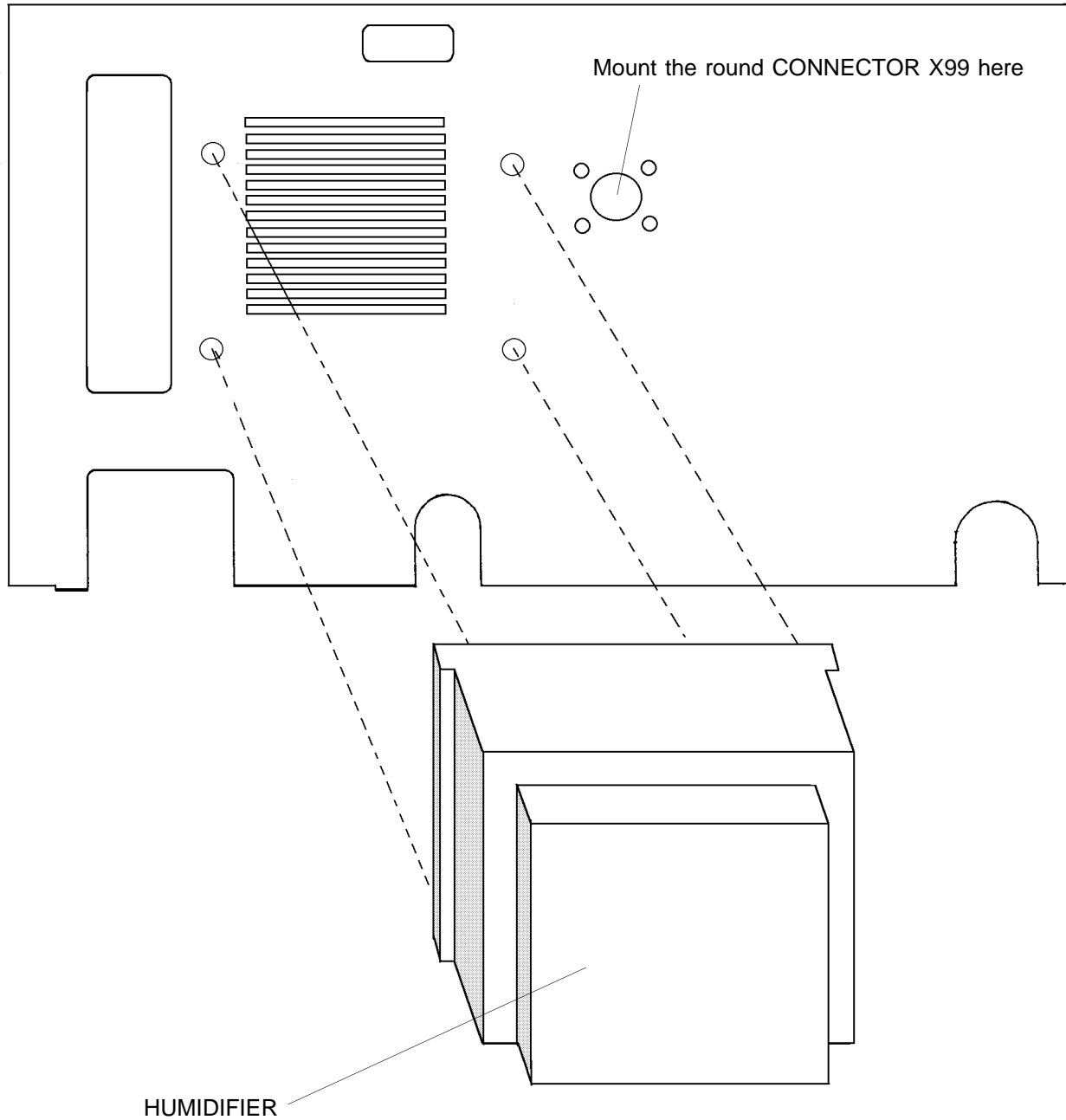


figure 4

10. Pull out the POWER SUPPLY.

11. Discard the AIR FILTER of the POWER SUPPLY.
12. Mount 2 self adhesive WIRE TIE SOCKETS.
13. Feed the cable 9919221 through the cutout of the POWERSUPPLY HOUSING.

NOTE

Feed the 3 wires at the FLAT TAB CONNECTOR END through the narrow opening of the cutout first. The harness covered with the insulating tube is too thick.

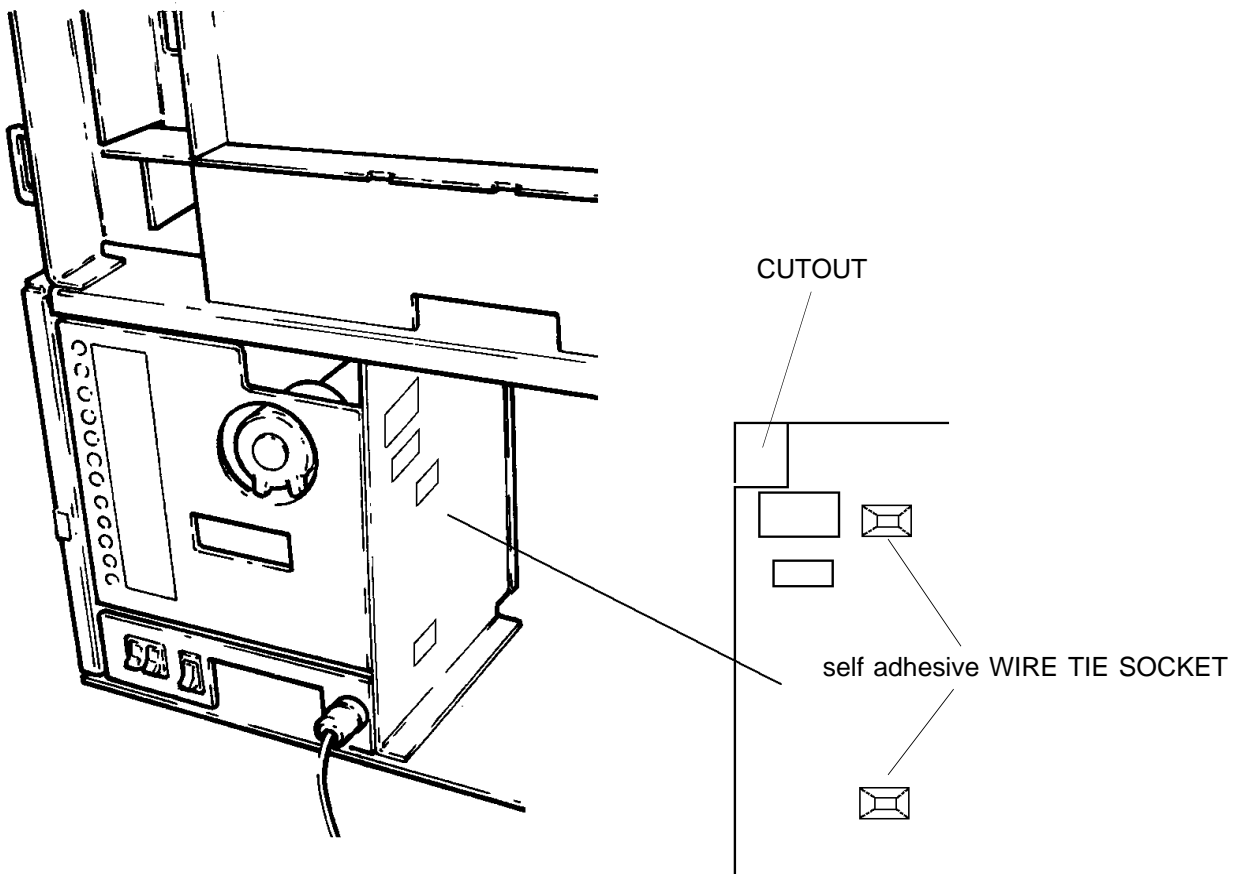
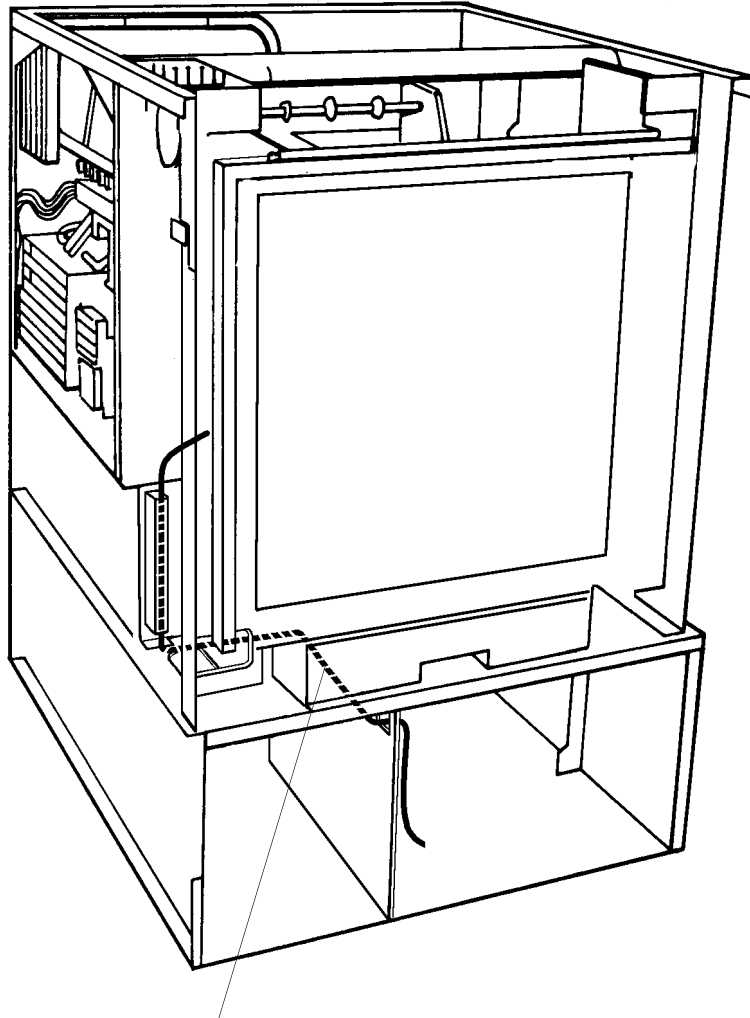


figure 5

14. Fix the wire harness with wire ties to the self adhesive sockets.

- 15.** Route the wire harness through the POWER SUPPLY HOUSING and fix it with wire ties to the existing wire harness.



Route the WIRE HARNESS this way and fix it with WIRE TIES to the existing harness.

figure 6

- 16.** Route the cable through the top opening of the POWER SUPPLY HOUSING and through the cable duct.

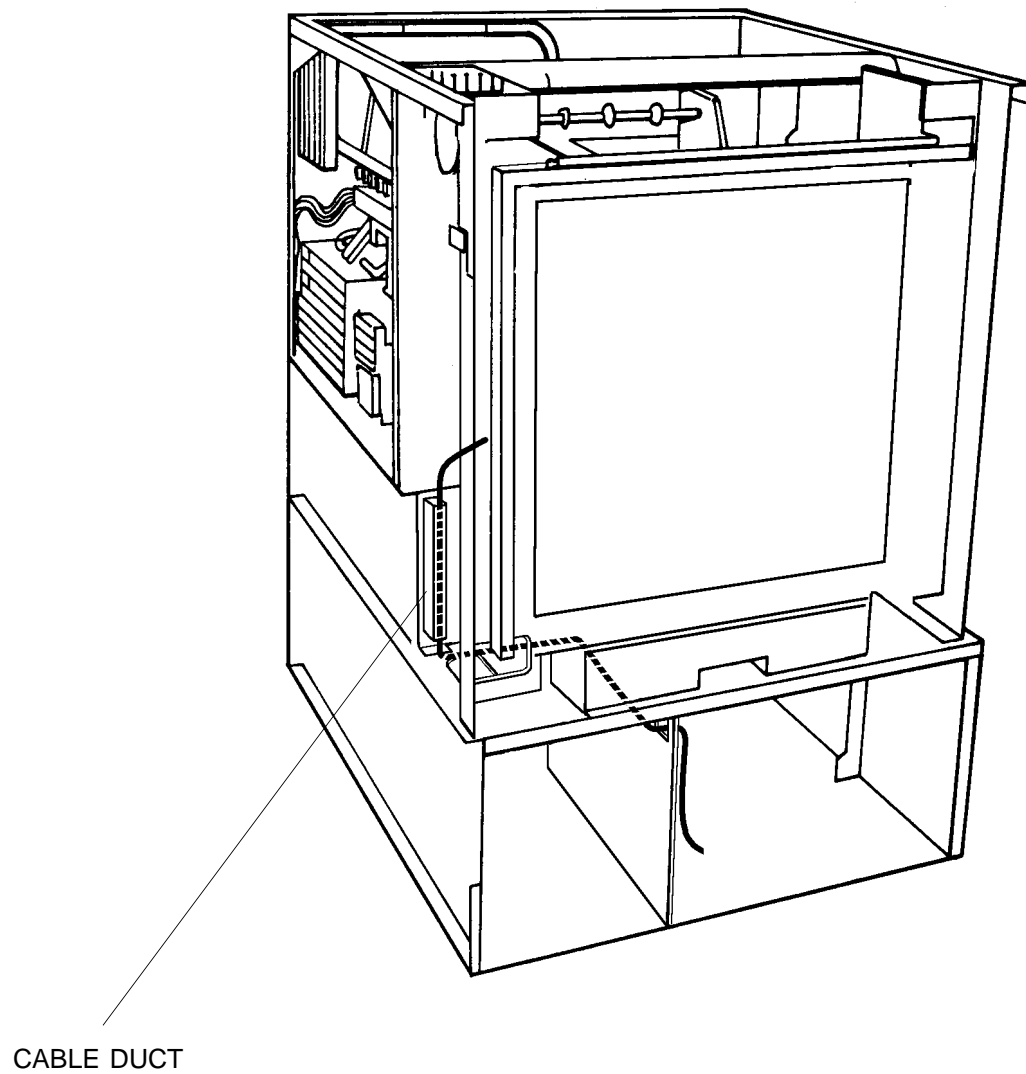


figure 7

17. Connect the green/yellow ground wire to the FLAT TAB.

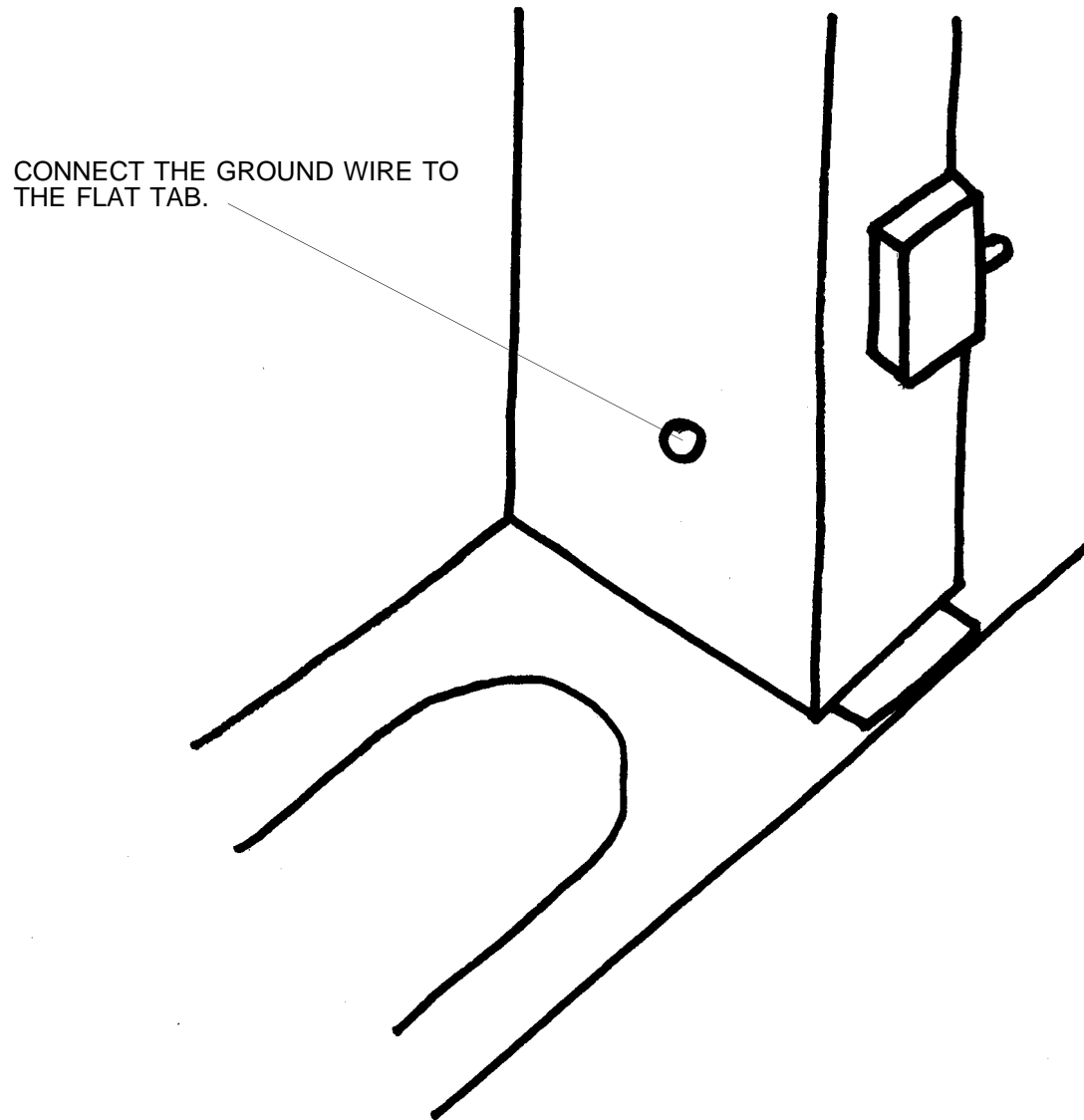


figure 8

18. Connect the 2 PIN CONNECTOR to A4X31.

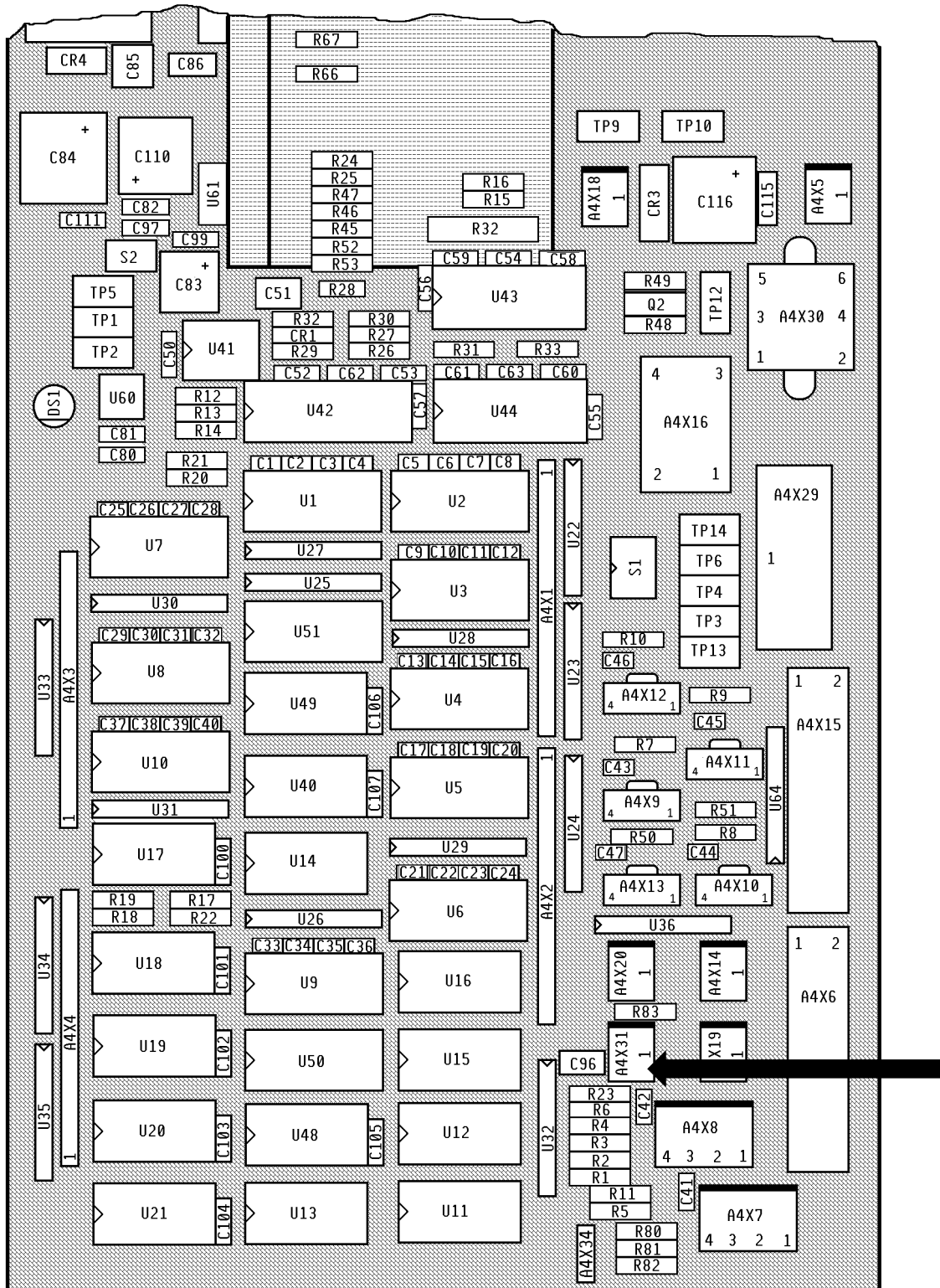


figure 9

19. Put the POWER SUPPLY back into its original position.
20. Connect the cable from the REAR ACCESS PANEL to CONNECTOR X98.
21. Mount the REAR ACCESS PLATE and connect the HUMIDIFIER to the water supply. Use the WATER SUPPLY HOSE ASSEMBLY 9218002

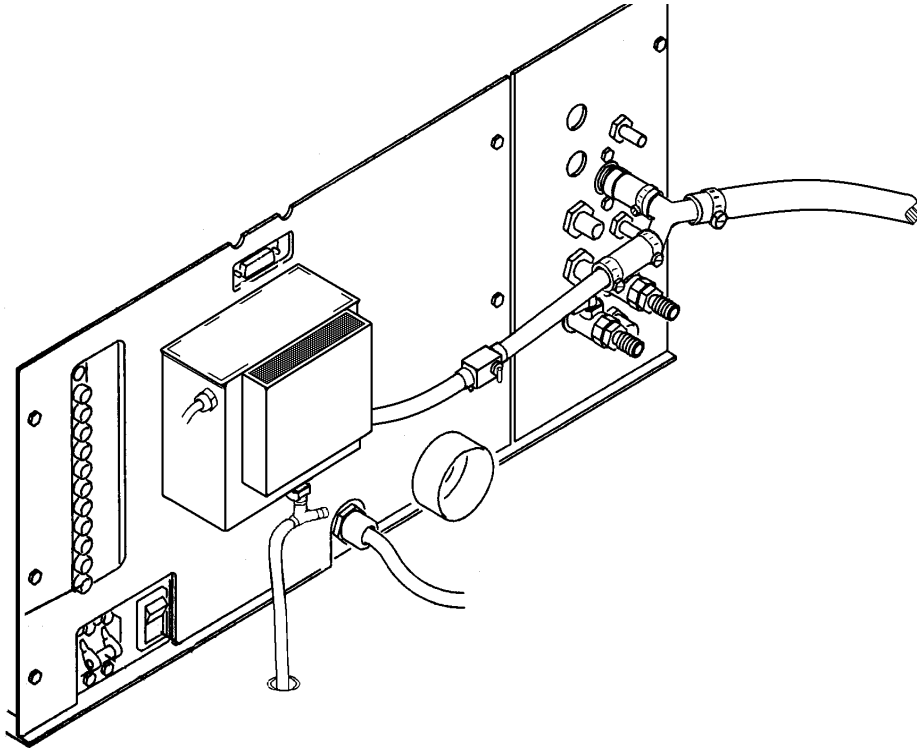
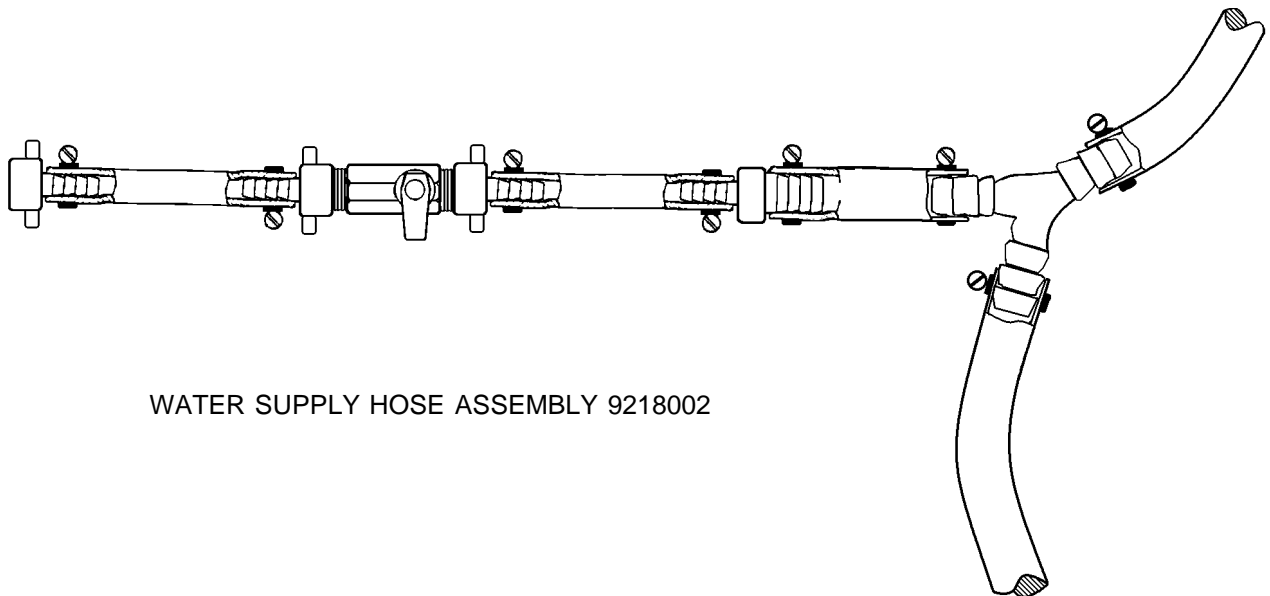


figure 10



WATER SUPPLY HOSE ASSEMBLY 9218002

figure 11

22. Connect the DRAIN HOSE to the HUMIDIFIER.

NOTE

To avoid flooding of the XML300 the DRAIN HOSE must be connected to an open DRAIN. The safety opening of the Y-CONNECTOR must not be clogged.

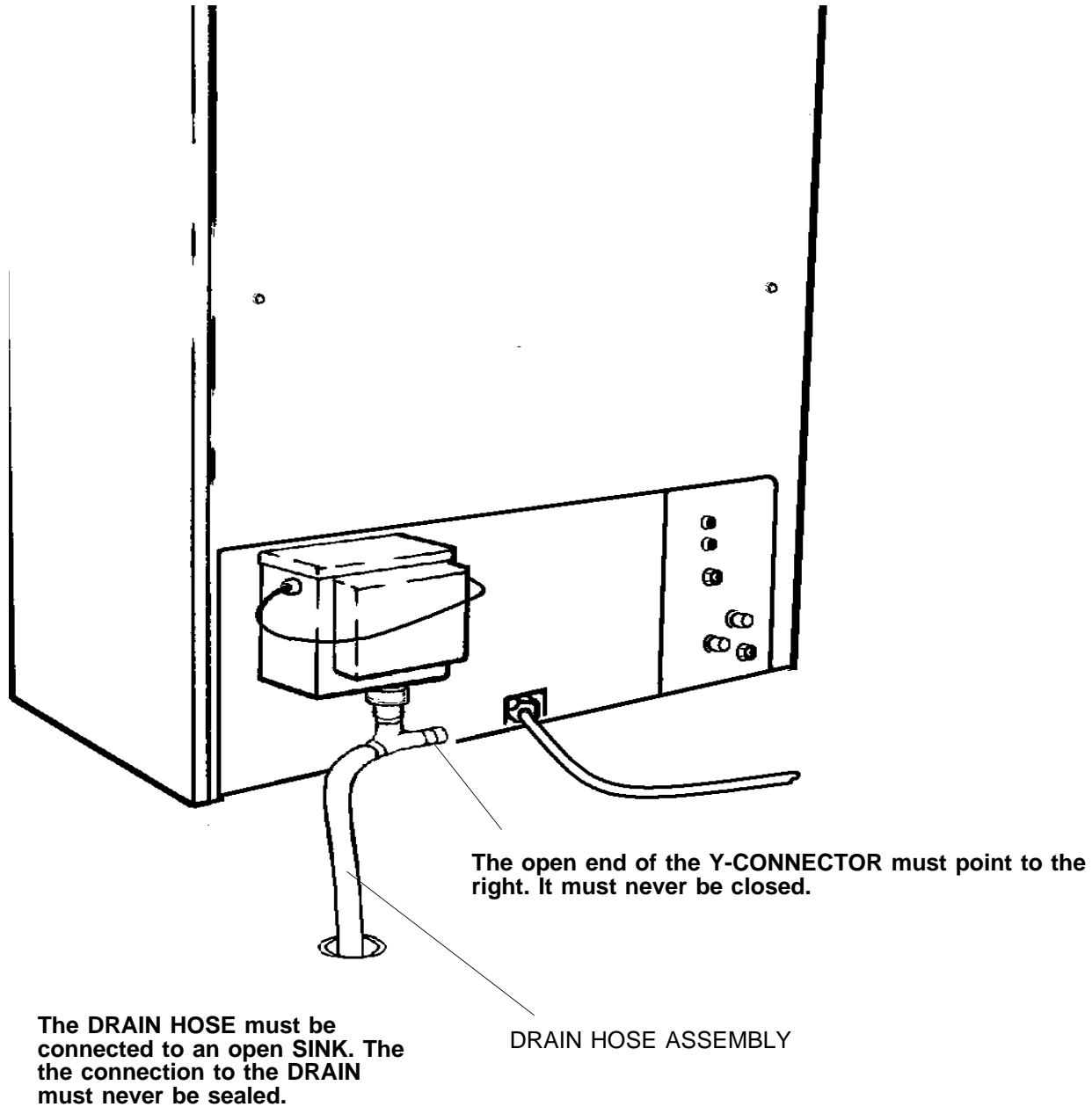


figure 12

23. Open the water supply and check that all connections are sealed.
24. Connect the HUMIDIFIER CABLE to CONNECTOR X99 at the REAR ACCESS PANEL.
25. Switch on the XML300 and check that the LEVEL SWITCH and the WATER VALVE of the HUMIDIFIER work correctly.
26. Circle number 14 on the MODIFICATION LABEL.

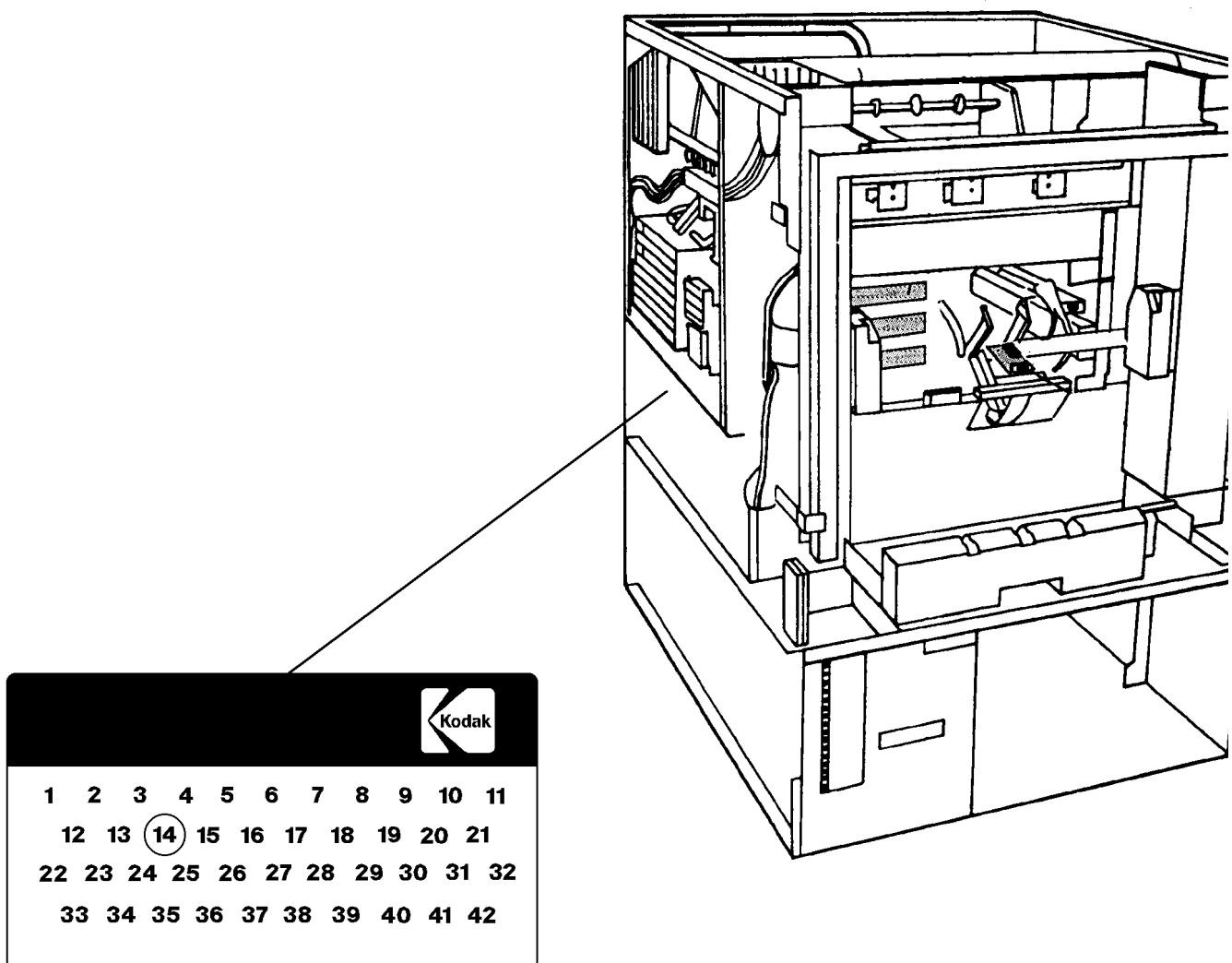


figure 13

27. Mount the RIGHT-HAND PANEL, the REAR PANEL and the TOP COVER of the XML300.



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