

## TECHNICAL BULLETIN

### COUNTERMEASURE FOR STATIC ELECTRICITY

- 1. Model Name:** FO730, UX310/370/470 All versions
- 2. General:** When a multi-page document is copied or faxed (particularly in a 'dry' environment), a build-up of static electricity may cause the copy to appear black.
- 3. Description:** The following action is taken to solve the problem.
1. Production measures
    - a. Earth the rear roller spindle  
Earth plate, roller earth cable, and earth gum are added.
    - b. Cover the bottom and sides of the CIS main unit with copper sheet and remove the earth.
    - c. Apply insulation sheet to the rear panel PWB.  
The length of the earth screw for the bottom plate is changed from 5mm to 6mm according to the addition of the above CIS earth cable.
  2. Field measures (for machines not already fitted with production measures).
    - a. Apply static brush to the paper guide.
    - b. Attach CIS sheet on the left side of the CIS.
- 4. Refer to:** Service Manual.

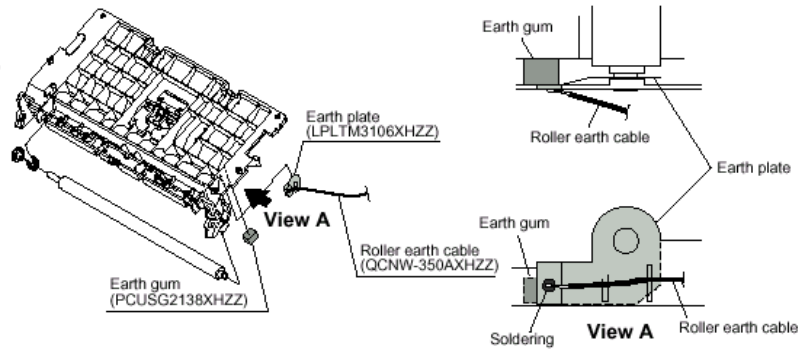
Ref No.	Model name	Version	P/G No.	Current Parts	New Parts		Parts name	Effective time	Interchangeability
				Parts code	Parts code	Price rank			
1	FO730 UX310 UX370 UX470	All	-	-	LPLTM3106XHZZ 1	AD	Earth plate	Jan '00	F
2				-	QCNW-350AXHZZ		Roller earth cable		
3				PCUSG2138XHZZ	Earth gum				
4				PSHEZ3543XHZZ	AE	CIS earth sheet			
5				QCNW-351AXHZZ	AD	CIS earth cable			
6				PSHEZ3544XHZZ	AD	Insulation sheet			
7				XHBSD30P05000 1	AA	Screw (3 x 6)			
8				PBRS-2052SCZZ	AG	Static brush (A)			
9				PBRS-2053SCZZ	AF	Static brush (B)			
10				PSHEZ3551SCZZ	AC	CIS sheet			

<b>&lt;Interchange&gt;</b>	
A. Interchangeable.	D. Not interchangeable.
B. Current type can be used in place of new type. New type cannot be used in place of current type.	E. Interchangeable if replaced with same types of related parts in used.
C. Current type cannot be used in place of new type. New type can be used in place of current type.	F. Others.

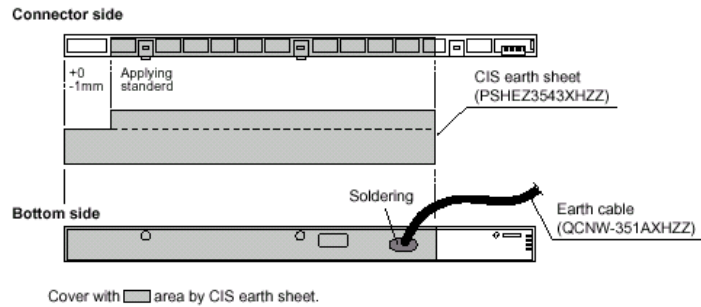
Parts marked with " ⚠ " is important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

## PRODUCTION MEASURES

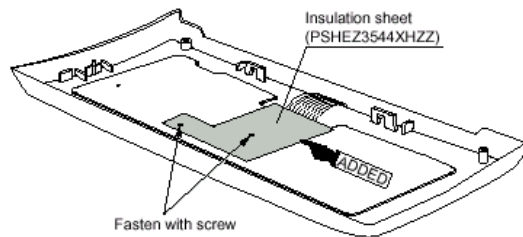
1. Earth the rear roller spindle.  
Earth plate, roller earth cable, and earth gum are added.



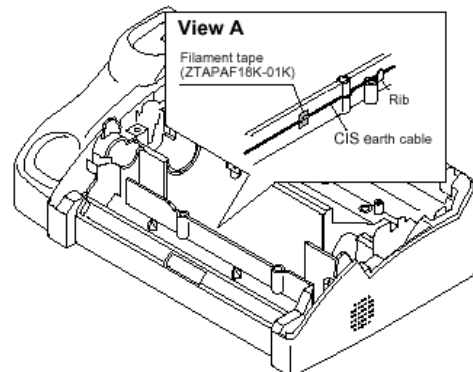
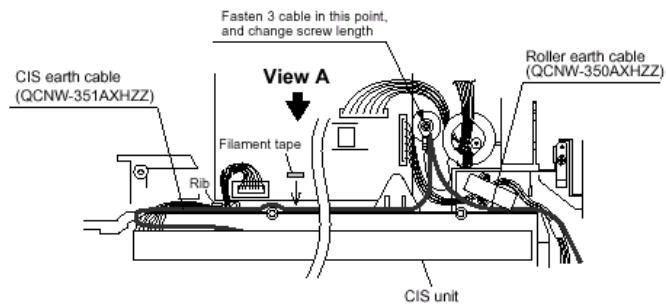
2. Cover the bottom and sides of the CIS main unit with copper sheet and remove the earth.  
CIS earth sheet and earth cable are added.



3. Apply insulation sheet to the rear of the panel PWB.



4. The length of the earth screw for the bottom plate is changed from 5 mm to 6 mm according to the addition of the above CIS earth cable.



## FIELD MEASURES

UX-300 series Applying method of the antistatic and insulating sheets

- (1) Open the operation panel, and remove the panel unit.
  - a) Close slightly the operation panel unit from the FULL OPEN position.
  - b) Shift the operation panel unit to the left side, and remove the left-side fulcrum.
  - c) Shift the operation panel unit to the right side, and remove the right-side fulcrum.
- (2) Remove the back roller on the paper guide (backside of the panel unit).
- (3) Remove the mat paper ① on the static brush (A) and (B).
- (4) Attach the static brush (A) and (B) to the places shown in the figure (see right).
- (5) Remove the mat paper ② and ③ on the static brush (A) and (B).
- (6) Cut the unnecessary  on both sides of the antistatic sheets.
- (7) Install the back roller.
- (8) Attach the CIS sheet to the LED (left side of the CIS).
- (9) Install the panel unit to the main unit.

