



Technical Bulletin

No. F/L Series-036

SUBJECT: New Printer Interface Type 200
DATE:

May 31, 1996

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CHECKED BY: S.Fujii

FROM: Quality Assurance Center

CLASSIFICATION:
☒ Action Required

☐ Troubleshooting

☐ Retrofit Information

☐ Revision of service manual

☒ Information only

☐ Other

MODEL:

Printer Interface Type 200

The new option, Printer Interface Type 200 will be released soon. This is the successor model to PIF Type 100/130.

This technical bulletin contains the installation procedure and information on compatibility with the current PIF Type 100/130.

(Machine's Firmware compatibility)

For New PIF Type 200, the machine's firmware has been modified. New firmware includes the control software for new PIF Type 200 and Type 100/130.

1. FX4 (USA) - New PIF Type 200 is available from May '96 Production.

Firmware version H5157210E

2. Other model (All areas) - New PIF Type 200 is available from Apr,'96 Production.

Firmware version

(U.S.A)

FX6	H5167220L
FX6MKII	H5267220E
FX6CD	H5277220E
LSO	H5217220H

(Europe)

FX6	H5167240K
FX6MKII	H5267240E
LSO	H5217240E
FX4	H5157240C

(Asia)

FX6	H5167251F
FX6MKII	H5267251E
FX4	H5157240C
LSO	H5217240E

(Taiwan)

LSO	H5217225C
FX6MK2	H5267253C



Technical Bulletin

No. F/L Series-036

SUBJECT: New Printer Interface Type 200

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May 31, 1996

(Installation)

1. When the firmware version is known and when it is the new one, follow the Instruction manual attached, and install the driver software in the PC.
2. When the firmware version is not known, check the firmware version with RDS by printing the system report.
When it is the new one, follow the step 1.
When it is the old one, install the new firmware into the machine and follow step 1.

(NOTES)

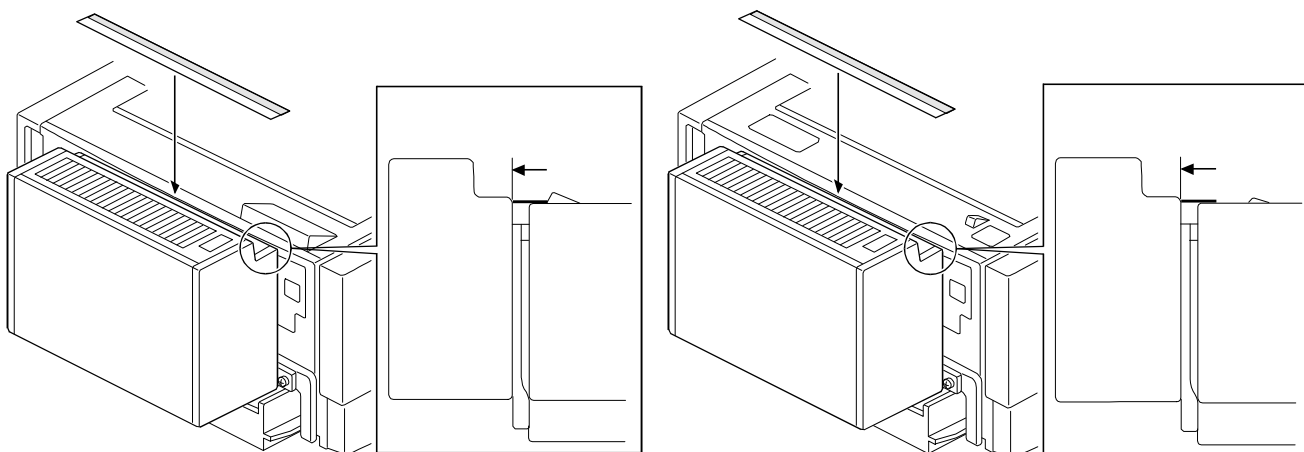
The following information is not contained in the instruction manual till June '96 production.

NOTE 1: Only for FX6 series and FX4.

After installing the P I/F Type 200, please put the mylar which is included in the carton over the gap between the rear cover and the P I/F Type 200 unit as shown in the diagrams below.

FX6 Series

FX4





SUBJECT: New Printer Interface Type 200

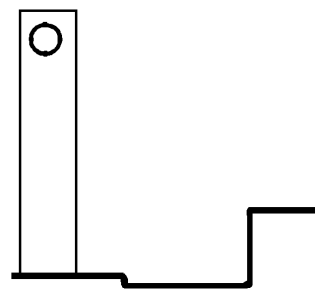
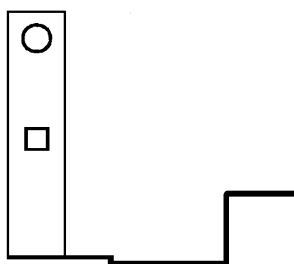
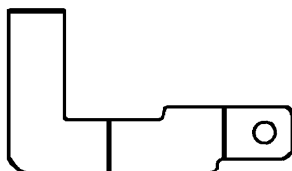
DATE:

May 31, 1996

NOTE 2 : Only for FX6 (Europe & Asia)

The first shipment (April Production '96) of the PIF 200 does not include a grounding plate for FX6.

When the unit will be installed in an FX6, use a new grounding plate as shown below.



New grounding plate for FX6 (H1443818)

The grounding plate for FX6MK2 (H1443815)
[This plate is included in the carton from 1st
production.



SUBJECT: New Printer Interface Type 200

DATE:

May 31, 1996

INSTALLATION PRINTER INTERFACE UNIT

3. INSTALLATION

! CAUTION

Before installing the printer interface unit and its options, do the following:

1. Print out all the messages stored in the memory.
2. Print out the list of user-programmed items and the system parameter list.
3. Turn off the main switch and disconnect the power plug.

3.1. PRINTER INTERFACE UNIT

3.1.1. Models: H516, H526 and H527

1. Remove the cassette cover [A] from the rear cover [B].

Note: The cassette cover is not installed in some models.

2. Remove the rear cover [B] (2 screws) with the grounding plate, and two small covers [C] (1 screw) and [D].

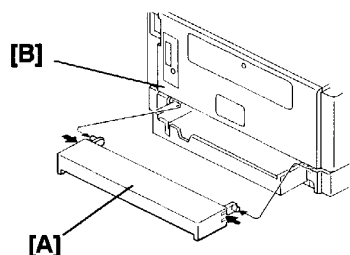
Note: The grounding plate is not installed in the models for the USA.

3. Install the grounding plate [J].

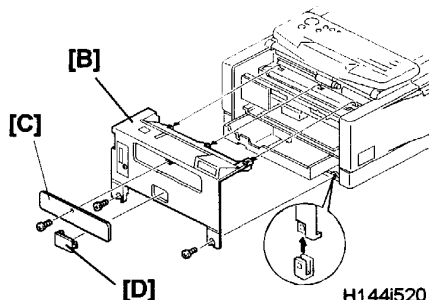
Note: This step is not required for the USA models. (A different grounding plate is used for H516 and H526 models. The plate with the square opening is used for H516.)

4. Put the rear cover [B] back on the machine (1 screw at the lower left corner), and install two brackets [E] (2 screws, 1 grounding wire) and [F] (2 screws - one of these screws also secures the ground plate and the rear cover).

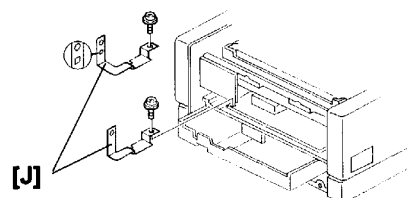
Note: The grounding wire and the grounding plate are not installed in the models for the USA.



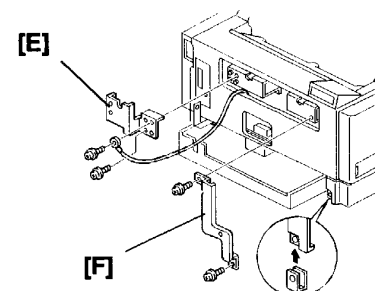
H144i564.wmf



H144i520.wmf



H144i571.wmf



H144i521.wmf



SUBJECT: New Printer Interface Type 200

DATE:

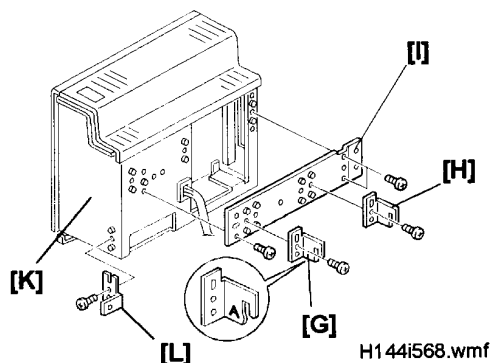
May 31, 1996

INSTALLATION PRINTER INTERFACE UNIT

5. Attach the brackets [G] and [H] onto the bracket plate [I] (2 screws).

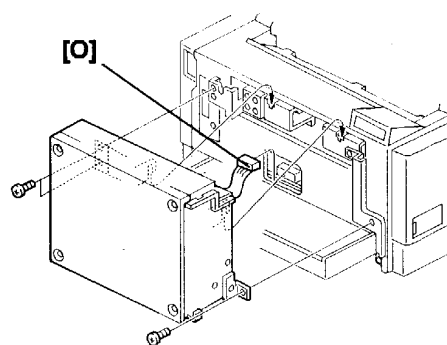
Note: For the brackets [G] and [H], used the ones which have "A" marked on them.

6. Attach the bracket plate [I] (4 screws) and the side bracket [L] (1 screw) to the Printer Interface Unit [K].



7. Remove the side covers [M] and [N].

8. Connect the harness [O] to the FDU through the lower window in the rear cover. Hook the Printer Interface Unit onto the machine by the brackets [G] and [H], then secure the unit (3 screws).

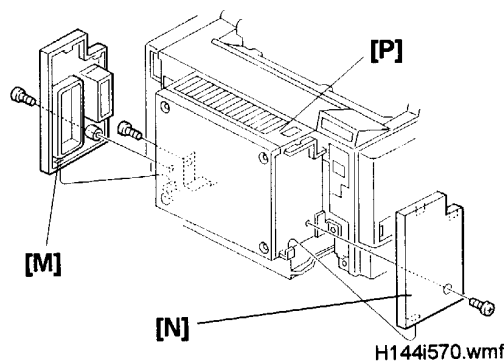


9. Put back the side covers [M] and [N].

10. Connect a parallel printer cable to the Printer Interface Unit.

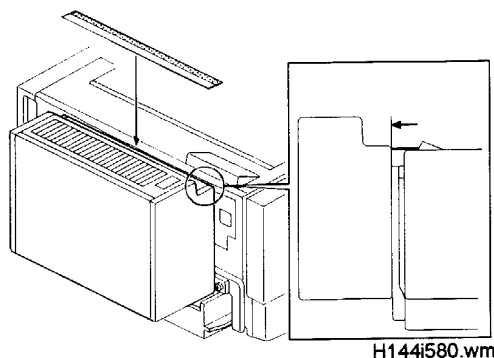
11. Plug in the machine and turn on the main switch.

12. Check if the On Line indicator on the operation panel is lit. If not, check the harness connection from the Printer Interface Unit to the FDU.



13. Print a status sheet by pressing the button [P] at the top of the printer interface unit.

14. Place the mylar as shown in the diagram





SUBJECT: New Printer Interface Type 200

DATE:

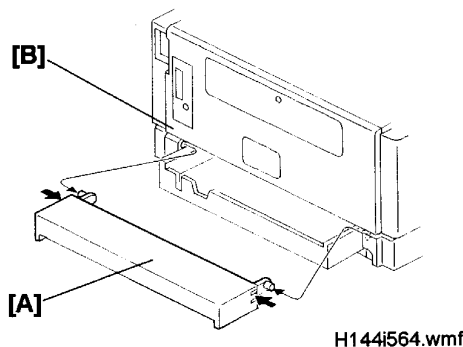
May 31, 1996

INSTALLATION PRINTER INTERFACE UNIT

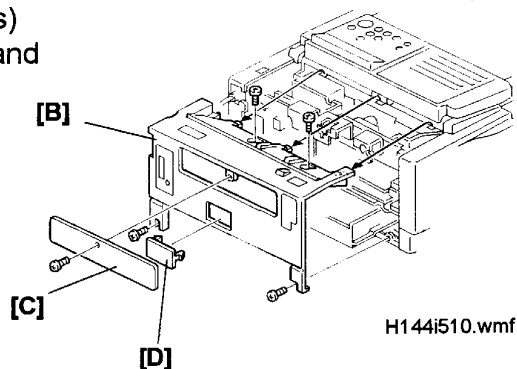
3.1.2. Model: H515

1. Remove the cassette cover [A] from the rear cover [B].

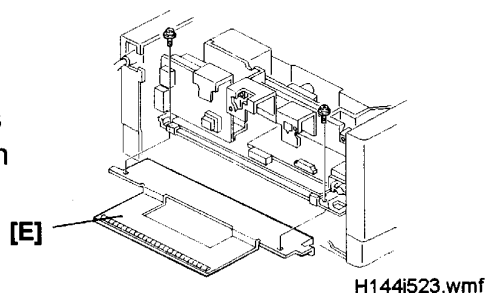
Note: The cassette cover is not installed in some models.



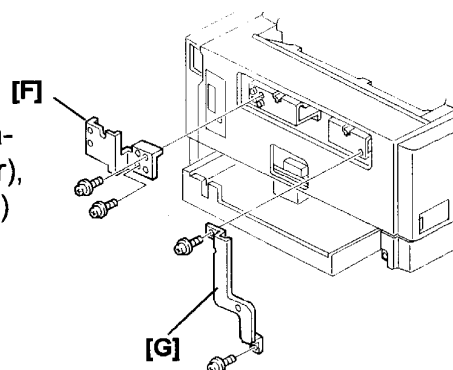
2. Remove the rear cover [B] (2 screws) and two small covers [C] (1 screw) and [D].



3. **This step is necessary only for the Europe model.**
Attach the grounding plate [E] which is included in the accessories to the main frame of the machine (2 screws).



4. Put the rear cover [B] back on the machine (1 screw at the lower left corner), and install two brackets [F] (2 screws) and [G] (2 screws - one of these screws also secures the rear cover).





SUBJECT: New Printer Interface Type 200

DATE:

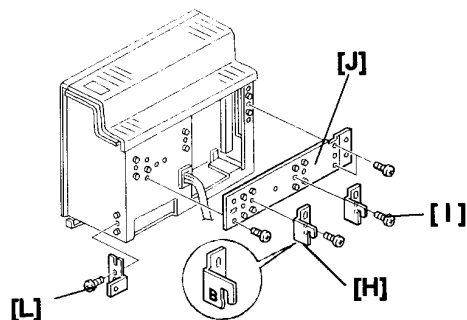
May 31, 1996

INSTALLATION PRINTER INTERFACE UNIT

5. Attach the brackets [H] and [I] onto the bracket plate [J] (2 screws).

Note: For the brackets [H] and [I], used the ones which have "B" marked.

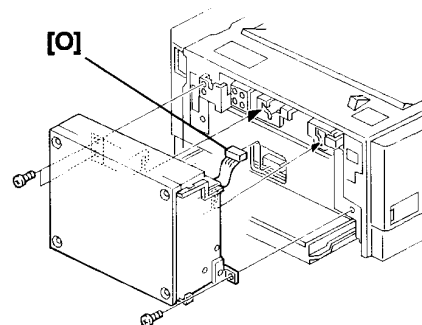
6. Attach the bracket plate [J] (4 screws) and the side bracket [L] (1 screw) to the Printer Interface Unit.



H144i565.wmf

7. Remove the side covers [M] and [N].

8. Connect the harness [O] to the FDU through the lower window in the rear cover. Hook the Printer Interface Unit onto the machine by the brackets [G] and [H], then secure the unit (3 screws).



H144i566.wmf

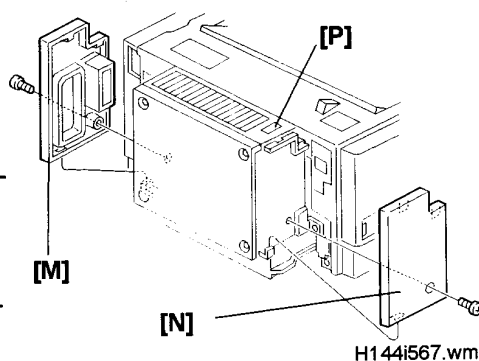
9. Put back the side covers [M] and [N].

10. Connect a parallel printer cable to the Printer Interface Unit.

11. Plug in the machine and turn on the main switch.

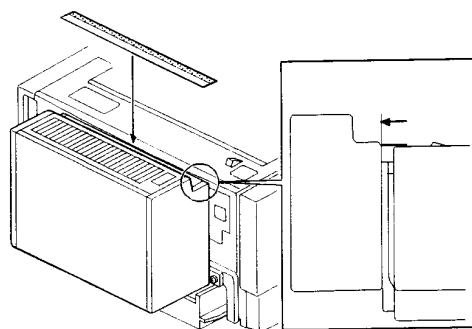
12. Check if the On Line indicator on the operation panel is lit. If not, check the harness connection from the Printer Interface Unit to the FDU.

13. Print a status sheet by pressing the button [P] at the top of the printer interface unit.



H144i567.wmf

14. Place the mylar as shown in the diagram.



H144i581.wmf

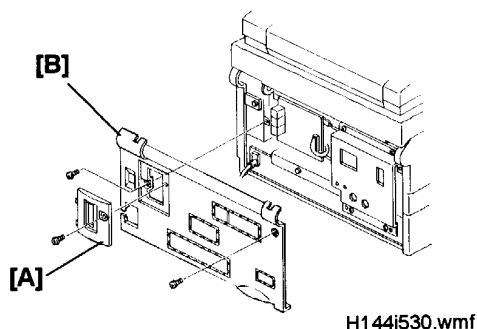
SUBJECT: New Printer Interface Type 200

DATE:
May 31, 1996

INSTALLATION PRINTER INTERFACE UNIT

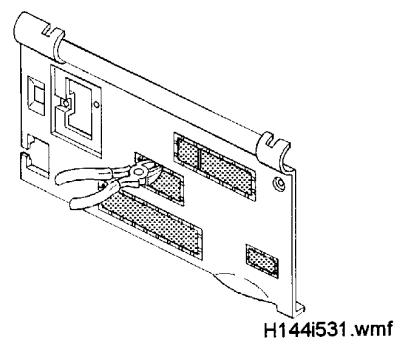
3.1.3. Model: H521

1. Remove the NCU cover [A] (1 screw) and the left cover [B] (2 screws).

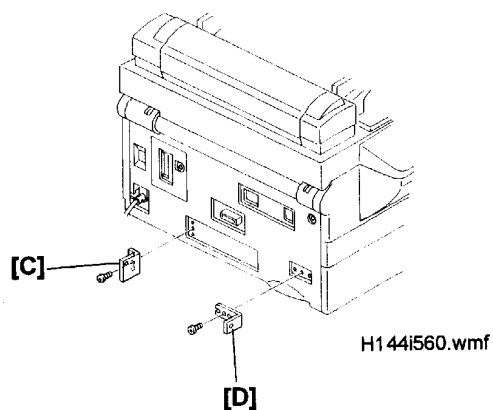


2. Cut the shaded parts off the left cover.

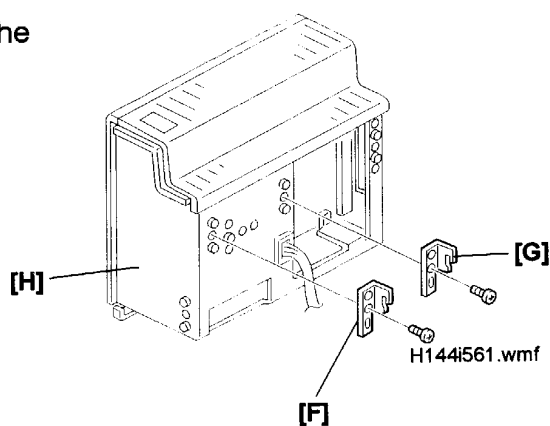
3. Put back the left cover [B] (2 screws) and the NCU cover [A] (1 screw).



4. Install two brackets [C] and [D] (1 screw each).

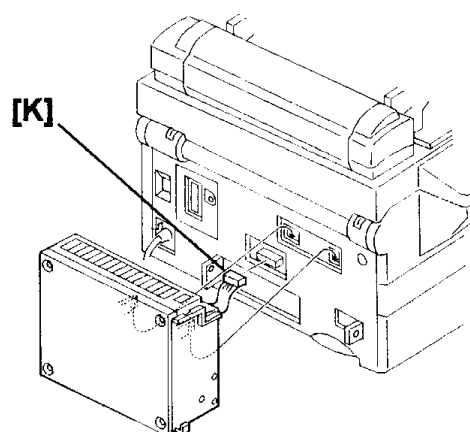


5. Attach the brackets [F] and [G] to the Printer Interface Unit [H].

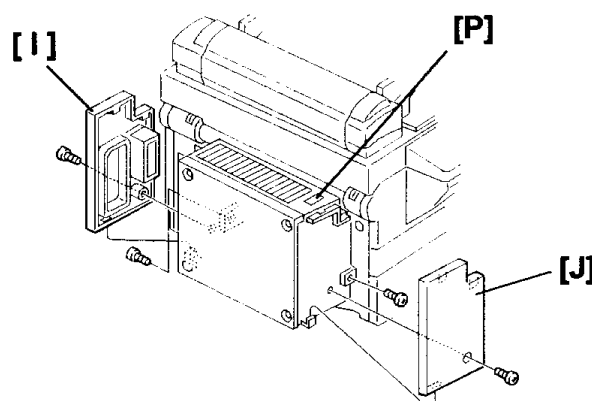


SUBJECT: New Printer Interface Type 200**DATE:**
May 31, 1996**INSTALLATION
PRINTER INTERFACE UNIT**

- 6 Remove the side covers [I] and [J].
Then, connect the harness [K] to the FDU, and hook up the Printer Interface Unit to the machine.
7. Secure the unit (2 screws) and put back the side covers.
8. Connect a parallel printer cable to the Printer Interface Unit.
9. Plug in the machine and turn on the main switch.
10. Check if the On Line indicator on the operation panel is lit. If not, check the harness connection from the Printer Interface Unit to the FDU.
11. Print a status sheet by pressing the button [P] at the top of the printer interface unit.



H144i562.wmf



H144i563.wmf

Model: F14, F16, F16MK2, LSO, LSO2, FR6		Date: 15-Feb-98	No: Multi - 007
Subject: Printer I/F Type 200		Prepared by: Y.Okunishi	
From: QAC Field Information Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Other ()	<input checked="" type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information

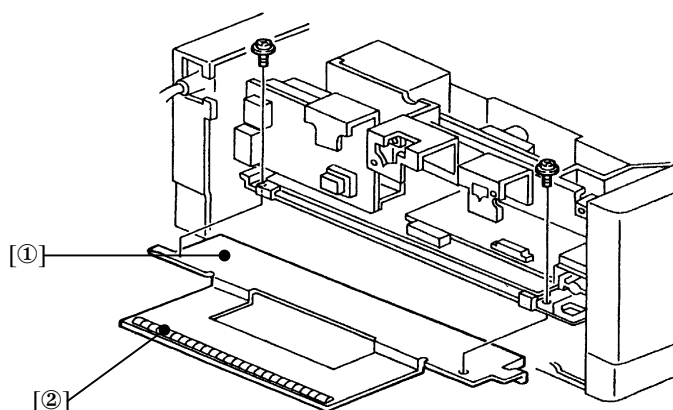
The following parts have been packed with the PIF since December 1997. They had been packed with the main frame. (No instruction change)

1) Grounding Plate Ass'y

① H515 3185 : Grounding Plate

② H515 3188 : Gasket

2) Two screws



Note: This change is not applied for the Siemens FX770/790 yet.

RC	RE	ASIA	
*	*	*	