

DISASSEMBLY INSTRUCTIONS

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DISASSEMBLY INSTRUCTIONS

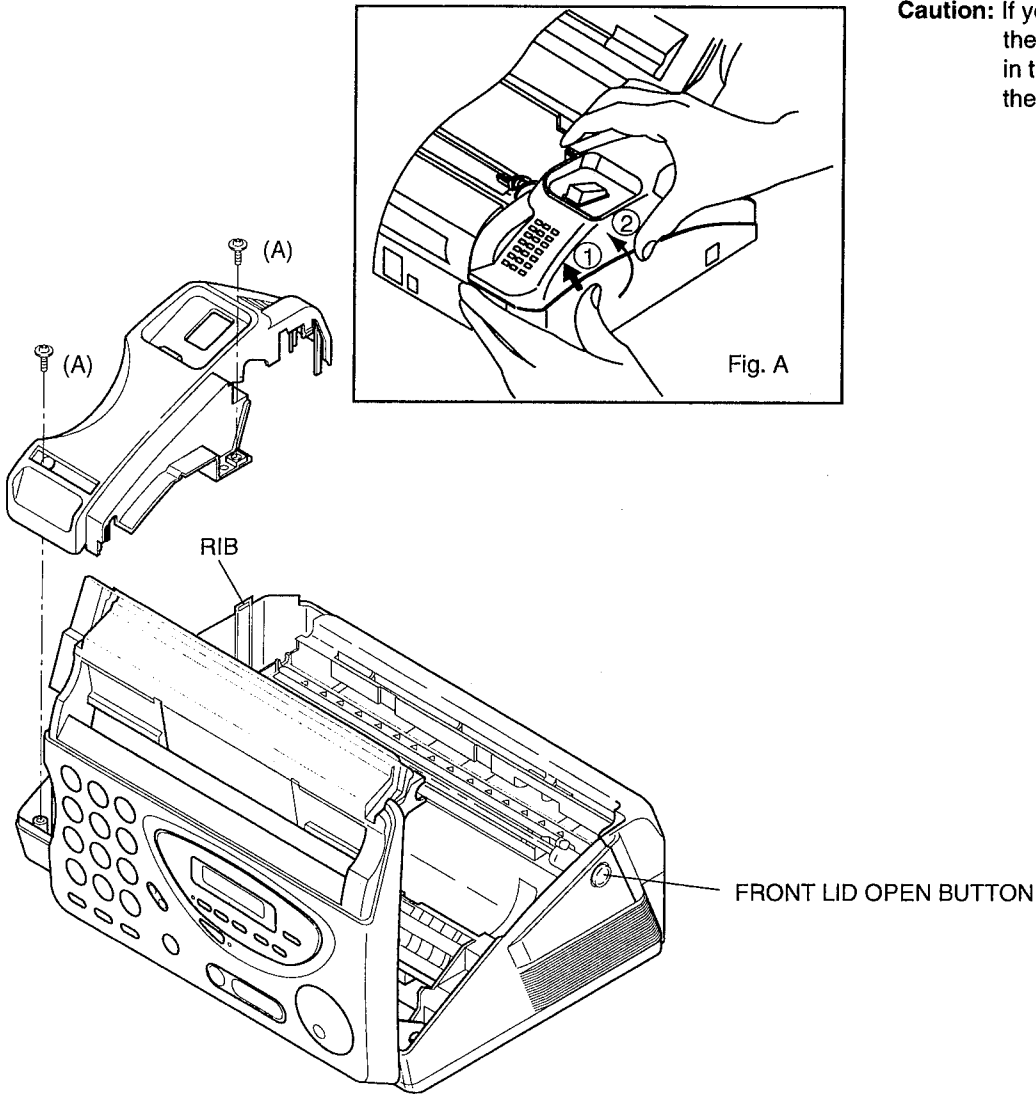
Ref. No. 1

HOW TO REMOVE THE HANDSET CRADLE CABINET

Procedure
1

- 1) Push the front lid open button to open the operation block.
- 2) Remove the 2 screws (A).
- 3) Remove the handset cradle cabinet. (See Fig. A.)

Caution: If you try to remove the handset cradle in the opposite direction, the rib will break.



● **HOW TO ATTACH THE HANDSET CRADLE CABINET**

- 1) Insert the handset cabinet into the side of the unit. (See Fig.B.)
- 2) Be careful not to bend the cabinet.

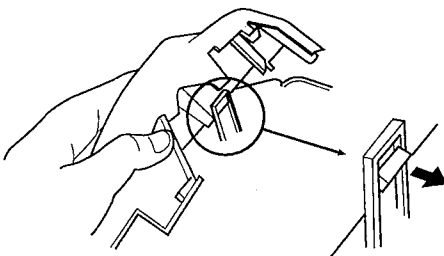


Fig. B

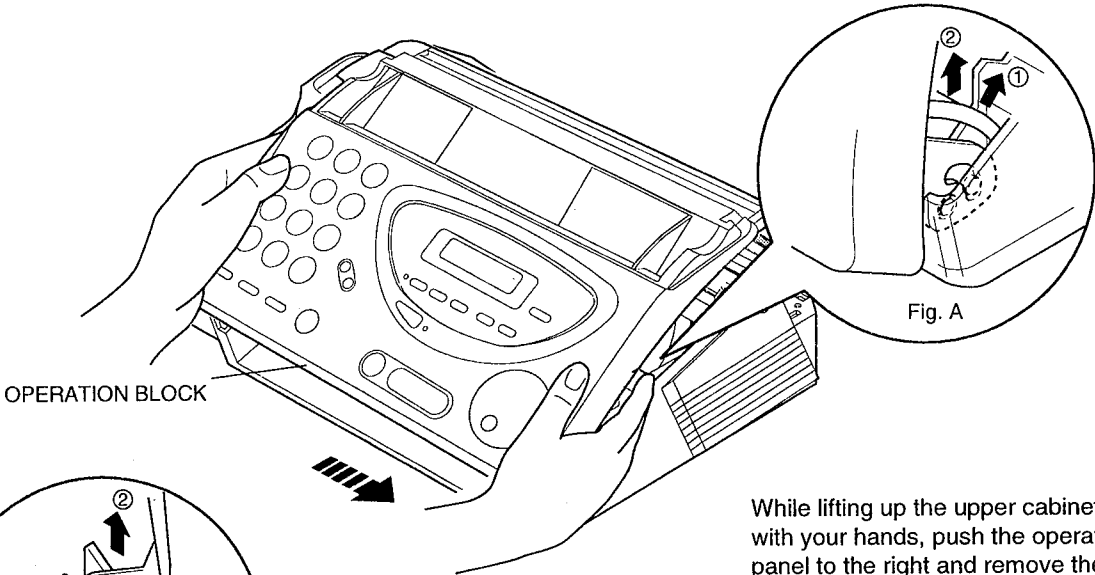
Ref. No. 2

HOW TO REMOVE THE OPERATION BLOCK

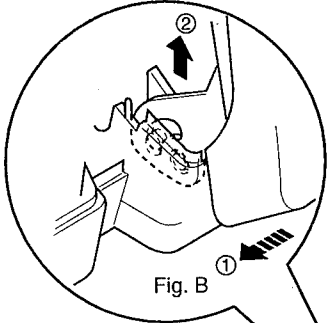
Procedure
2

- 1) Push the front lid open button in the direction of the arrow to open the operation block.
- 2) Lift up the lead and remove the arm (See Fig. A.)
- 3) Remove the arm.(See Fig. B.)
- 4) Lift up the operation block.

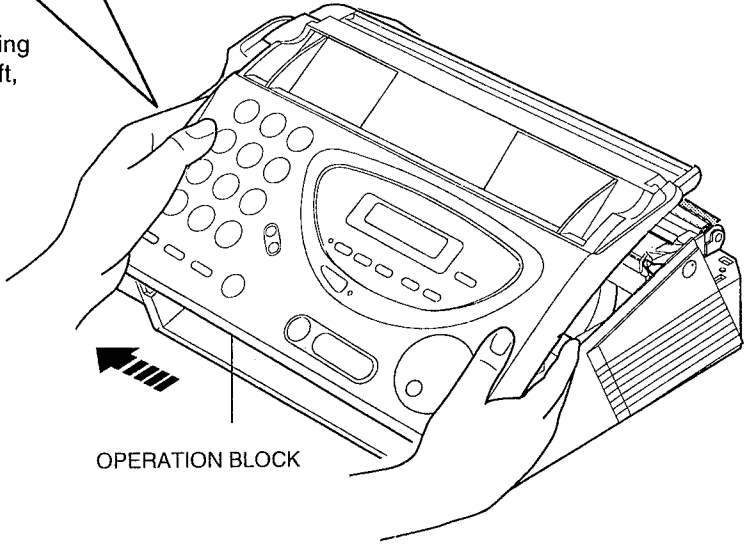
Note: The arm cannot be removed if the operation panel is opened completely. Open the operation panel approximately at a 45° to 60° angle to remove the arm.



While lifting up the upper cabinet with your hands, push the operation panel to the right and remove the arm.



Remove the arm while pushing the operation panel to the left, as in Fig. A.



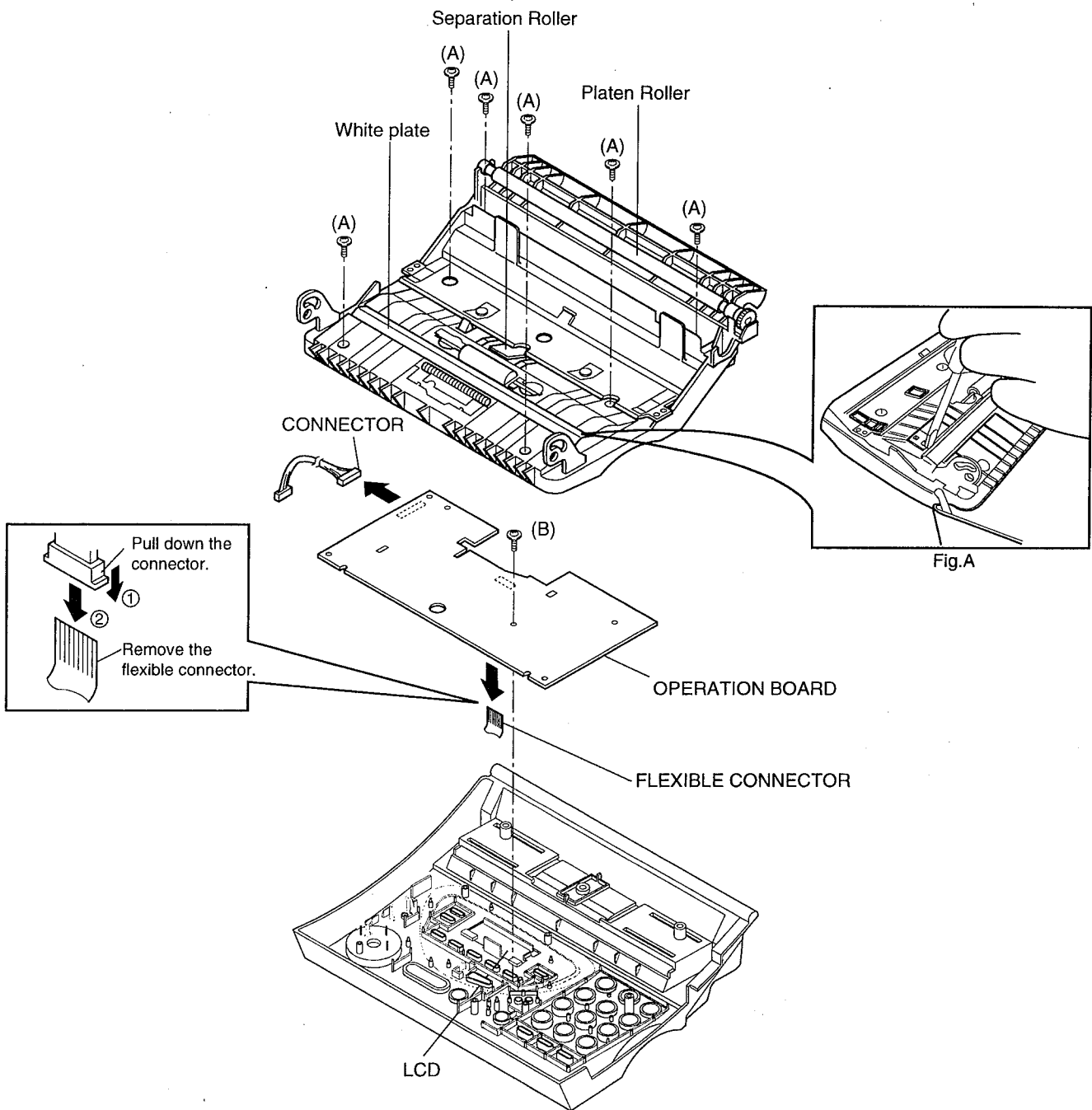
DISASSEMBLY INSTRUCTIONS

Ref. No. 3

HOW TO REMOVE THE OPERATION BOARD AND LCD

Procedure
2→3

- 1) Remove the 6 screws (A) and the operation block cover.
- 2) Remove the 1 screw (B).
- 3) Remove the lock of the operation panel
- 4) Pull out the connector and remove the flexible connector.
- 5) Remove the operation board.
- 6) Remove the LCD.

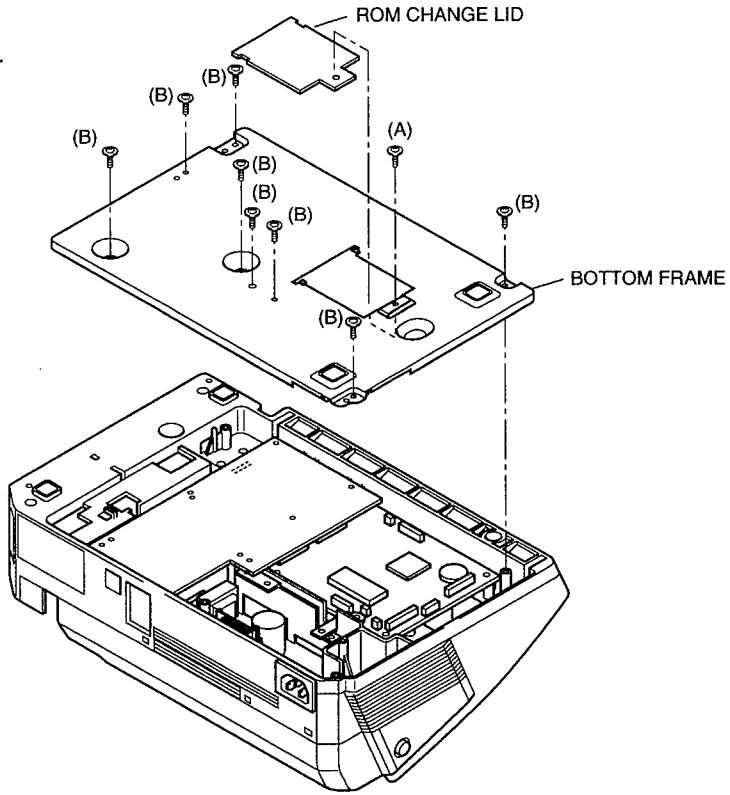


HOW TO CLEAN:
Clean the roller with a cloth soaked in alcohol.

Ref. No. 4 **HOW TO REMOVE THE BOTTOM FRAME**

Procedure
4

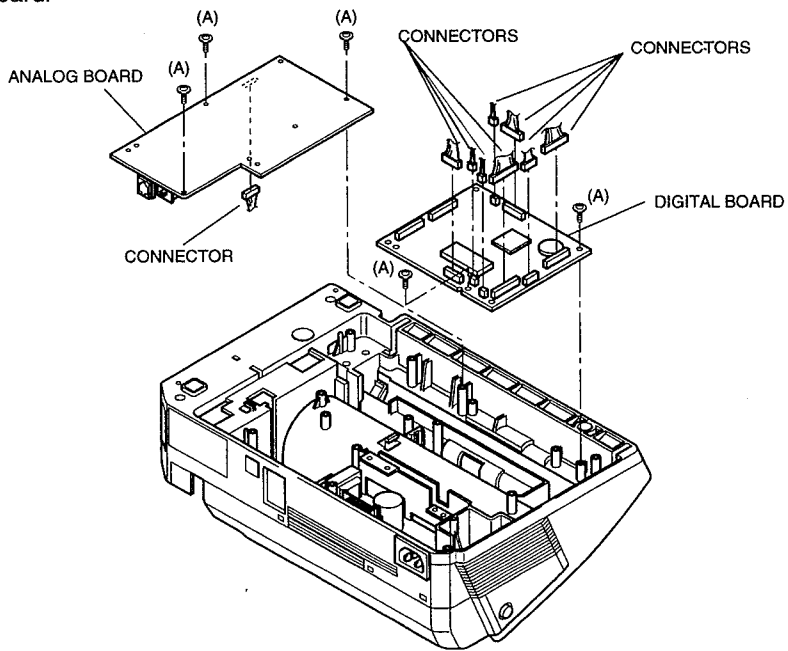
- 1) Remove the screw (A).
- 2) Remove the ROM change lid.
- 3) Remove the 8 screws (B).
- 4) Remove the bottom frame.



Ref. No. 5 **HOW TO REMOVE THE ANALOG BOARD AND DIGITAL BOARD**

Procedure
4→5

- 1) Remove the 3 screws (A).
- 2) Remove the 1 connector.
- 3) Remove the analog board.
- 4) Remove the 7 connectors.
- 5) Remove the 2 screws (A).
- 6) Remove the digital board.

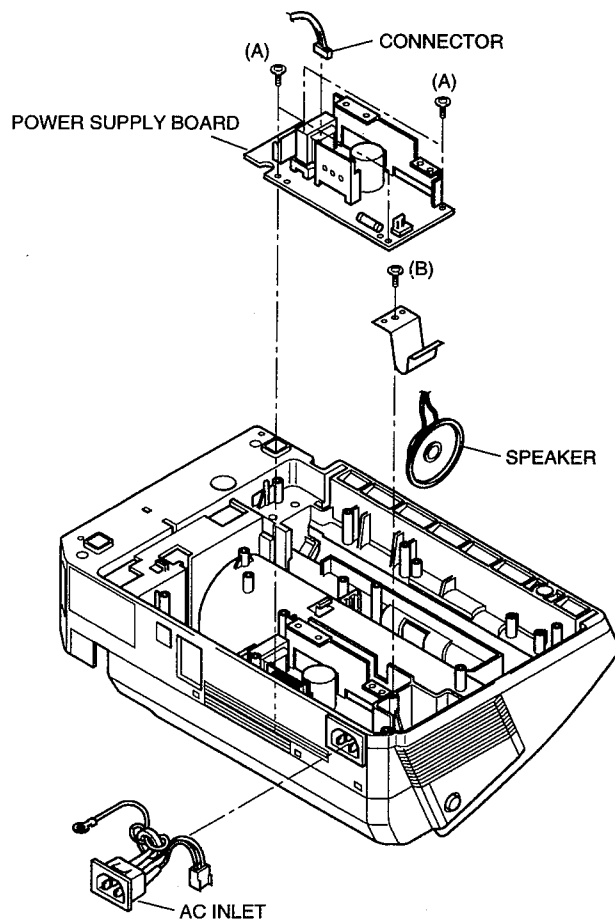


DISASSEMBLY INSTRUCTIONS

Ref. No. 6

HOW TO REMOVE THE POWER SUPPLY BOARD, SPEAKER AND AC INLETProcedure
4→5→6

- 1) Remove the 4 screws (A) and remove the power supply board.
- 2) Remove the 1 screw (B).
- 3) Remove the AC inlet.

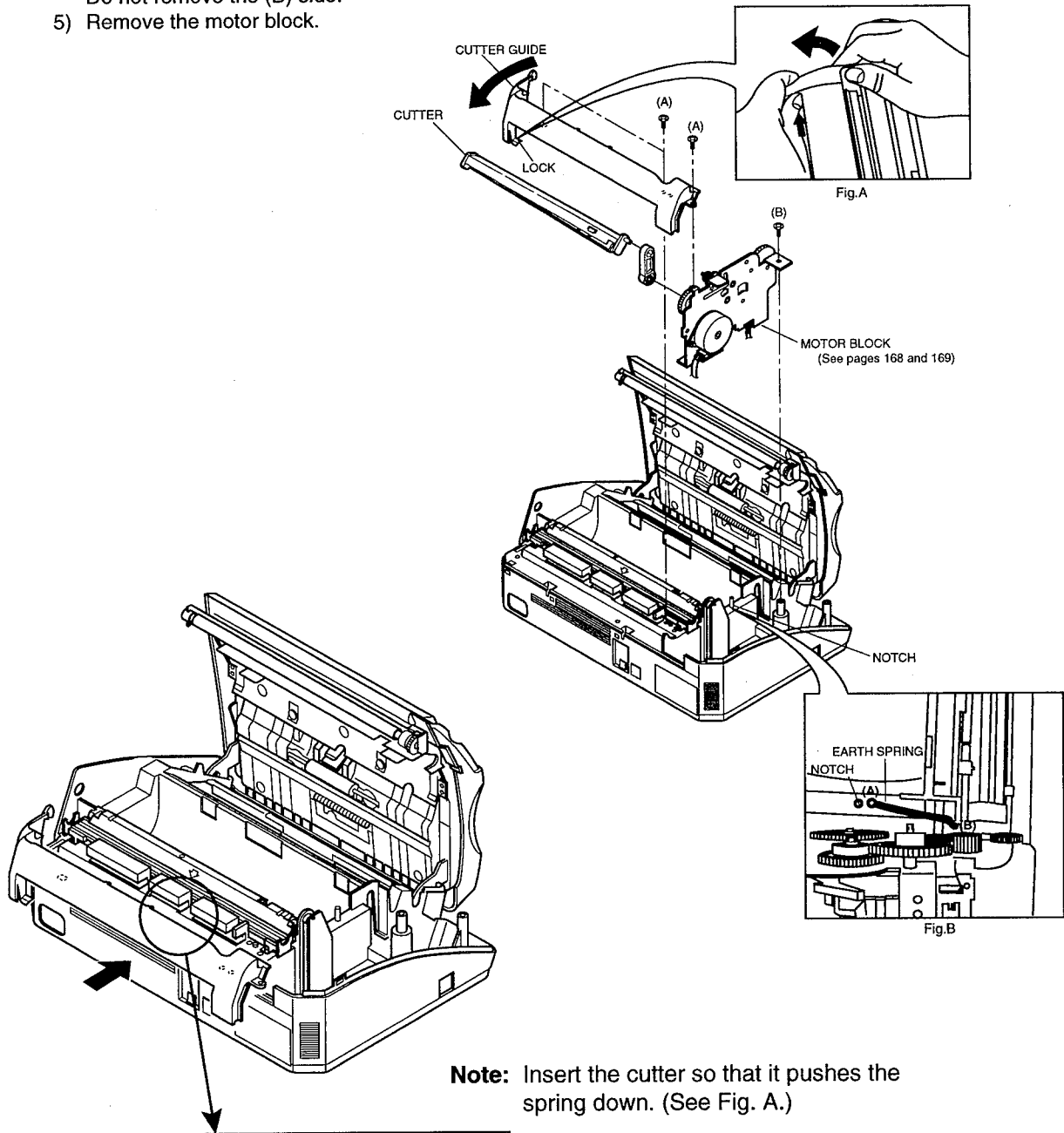


Ref. No.7

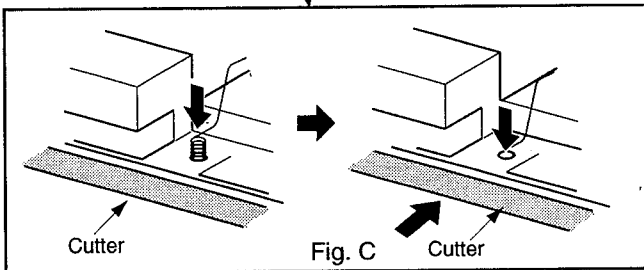
HOW TO REMOVE THE CUTTER AND THE MOTOR BLOCK

Procedure
1→7

- 1) Remove the 3 screws (A).
- 2) Remove the cutter guide and cutter.
- 3) Remove the 1 screw (B).
- 4) Remove the (A) side of the spring and attach it to the notch on the upper cabinet.
- Do not remove the (B) side.
- 5) Remove the motor block.



Note: Insert the cutter so that it pushes the spring down. (See Fig. A.)



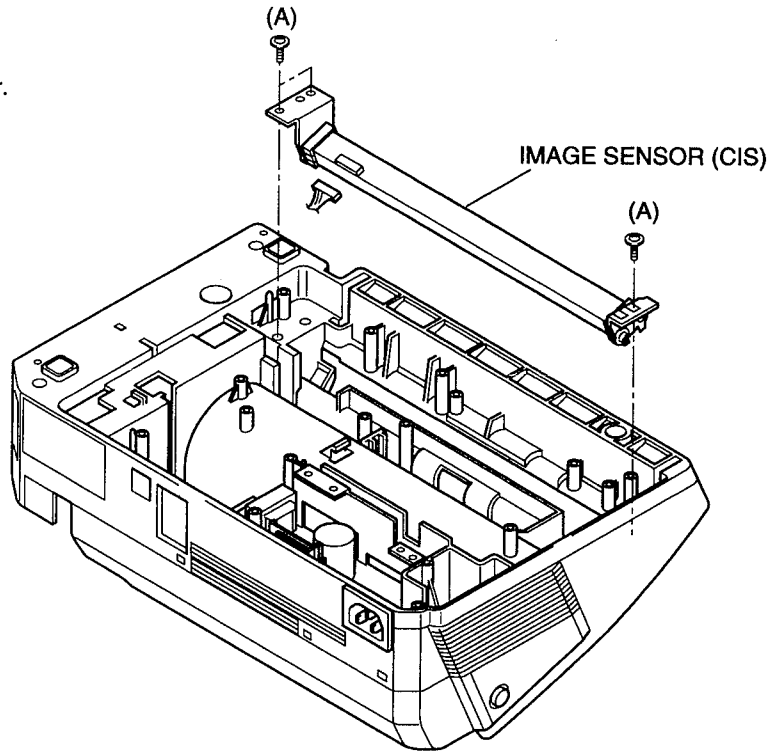
DISASSEMBLY INSTRUCTIONS

Ref. No. 8

HOW TO REMOVE THE IMAGE SENSOR

Procedure
4→5→8

- 1) Remove the 3 screws (A).
- 2) Remove the 1 connector.
- 3) Remove the image sensor.

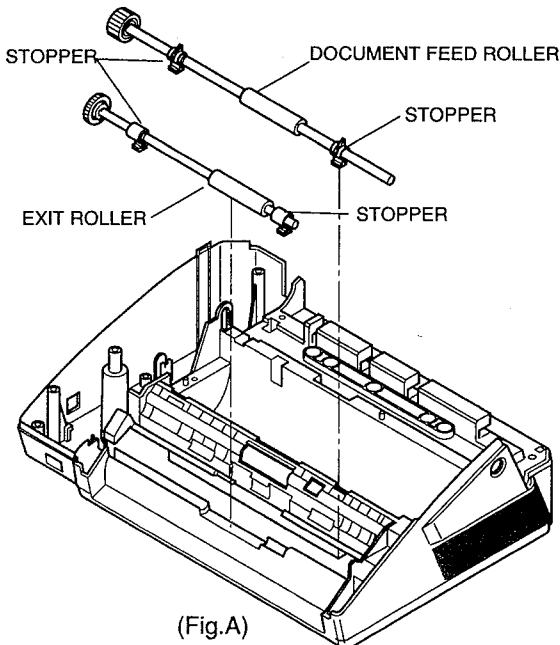


Ref. No. 9

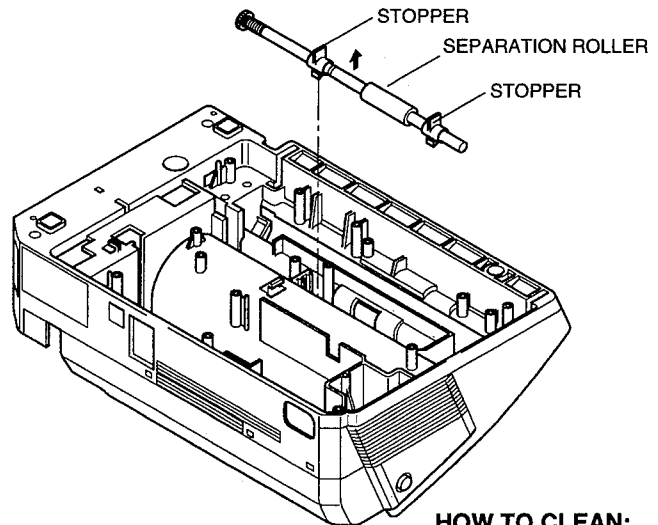
HOW TO REMOVE THE ROLLERS

Procedure
1→4→5
→8→9

- (Fig.A)
- 1) Remove the recording paper guide and the motor block.(See Ref. 7.)
 - 2) Remove the stopper with a flathead screwdriver.
 - 3) Remove the rollers.
- 2) Remove the stoppers from the roller shaft and replace the roller.
- (Fig.B)
- 1) Remove the analog board and digital board.(See Ref. 5.)
 - 2) Remove the roller.
 - 3) Remove the stoppers from the roller shaft and replace the roller.



(Fig.A)



(Fig.B)

HOW TO CLEAN:
Clean the roller with a cloth soaked in alcohol.

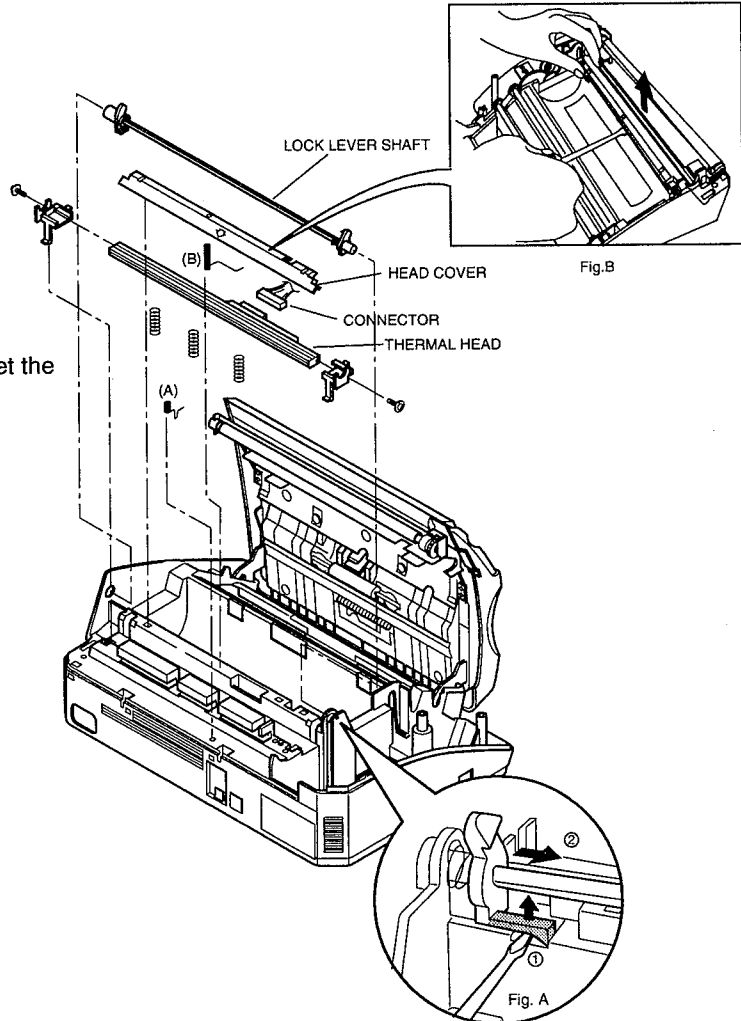
Ref. No. 10

HOW TO REMOVE THE THERMAL HEAD ROLLER

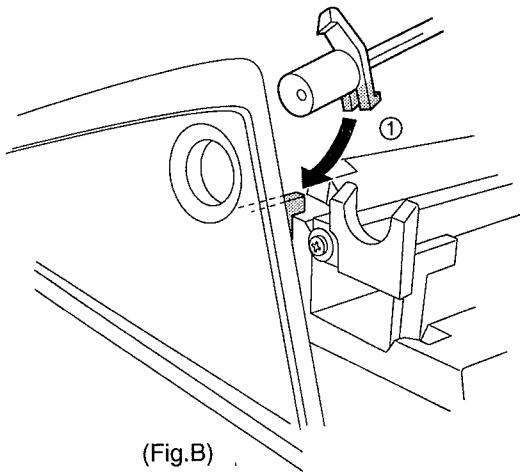
Procedure
10

- 1) Push the front lid open button in the direction of the arrow to open the operation block.
- 2) Remove the recording paper guide. (See Ref. 7.)
- 3) Remove the lock lever shaft with a screwdriver as shown in Fig. A.
- 4) Remove the head cover.
- 5) Remove the 1 connector.
- 6) Remove the thermal head.

Note : When connecting the thermal head, do not let the connector plug touch the spring (A).

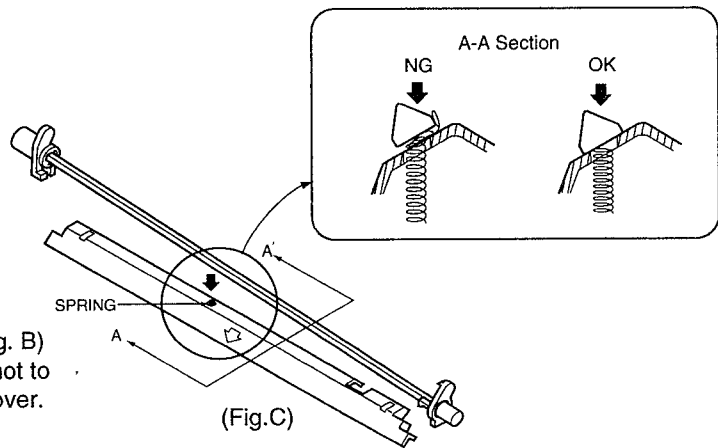


● **HOW TO ATTACH THE LOCK LEVER SHAFT**



Note 1 : Attach the lock lever shaft to the gray area and then insert the shaft through the hole. (Fig. B)

Note 2 : When attaching the lock lever shaft, be sure not to bend the spring (B) exposed from the head cover. (Fig. C)



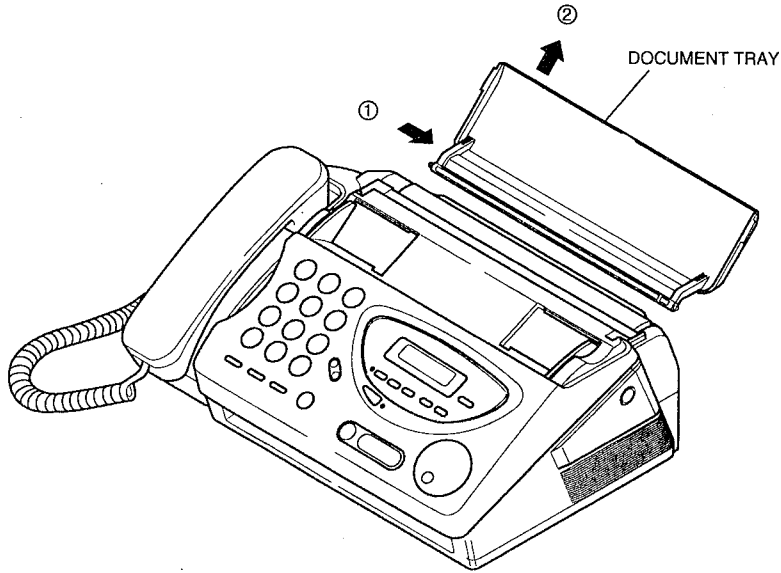
DISASSEMBLY INSTRUCTIONS

Ref. No. 11

HOW TO REMOVE THE DOCUMENT TRAY

Procedure
11

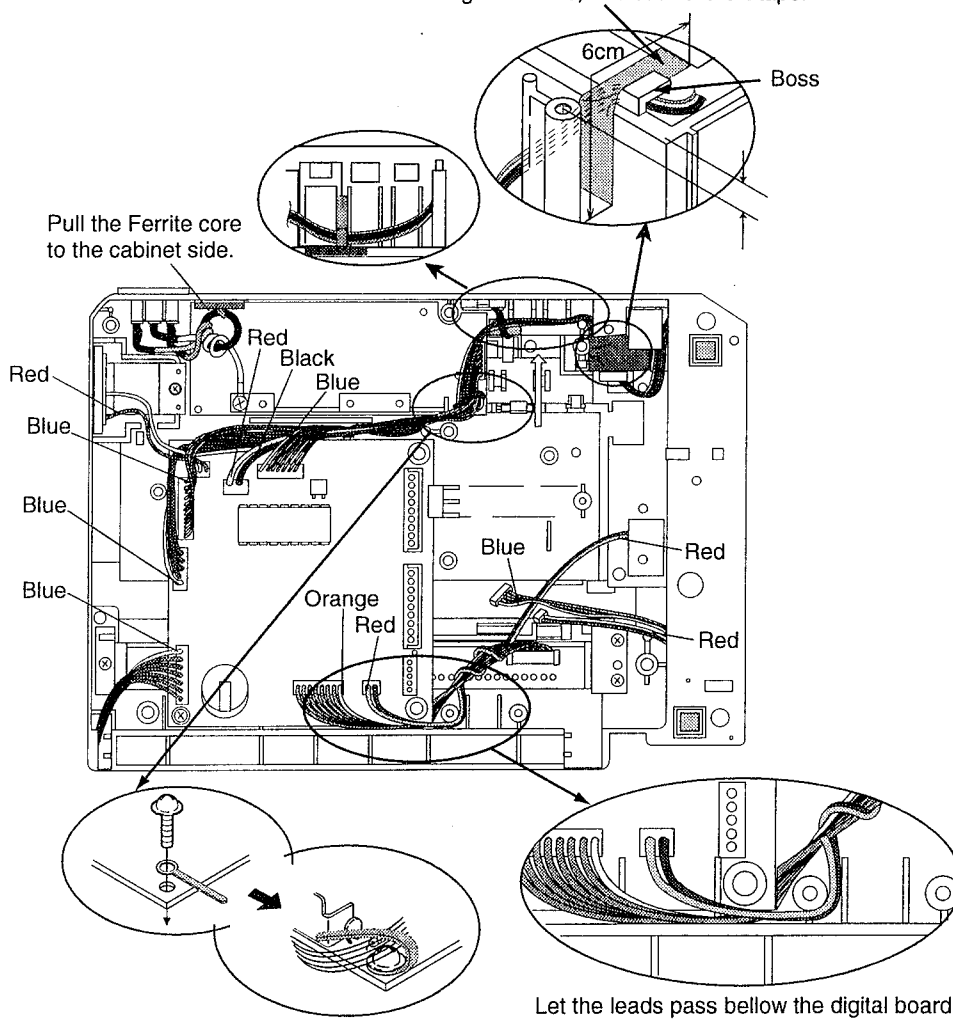
1) Push the bottom of the tray in the direction of the arrows.



[(Ref. No.5) for page 97]

Lead installation position

Let the motor lead and sensor lead pass through the boss, and stick the UL tape.



HOW TO REPLACE THE FLAT PACKAGE IC

If you do not have the special tools (for example: SPOT HEATER) to remove the SPOT HEATER'S Flat IC, if you have solder (large amount), a soldering iron, and a cutter knife, you can easily remove the ICs even if there are more than 100 pins.

1. PREPARATION

- SOLDER - - - - - Sparkle Solder 115A-1, 115B-1
OR
Almit Solder KR-19, KR-19RMA
- Soldering iron - - - - - Recommended power consumption is between 30 W to 40 W.
Temperature of Copper Rod 662 ± 50 °F (350 ± 10 °C)

(An expert may handle a 60-80 W iron, but a beginner might damage the foil by overheating.)
- Flux - - - - - HI115 Specific gravity 0.863

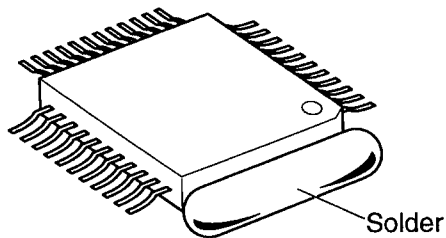
(Original flux should be replaced daily.)

2. FLAT PACKAGE IC REMOVAL PROCEDURE

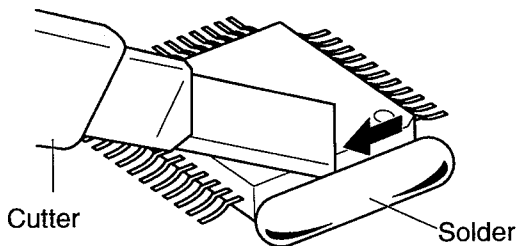
1. Put plenty of solder on the IC pins so that the pins can be completely covered.

Note:

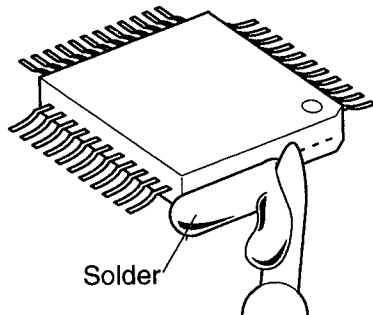
If the IC pins are not soldered enough, you may give pressure to the P.C. board when cutting the pins with a cutter.



2. Make a few cuts into the joint (between the IC and its pins) first and then cut off the pins thoroughly.



3. While the solder melts, remove it together with the IC pins.



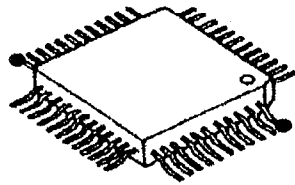
When you attach a new IC to the board, remove all solder left on the land with some tools like a soldering wire. If some solder is left at the joint on the board, the new IC will not be attached properly.

DISASSEMBLY INSTRUCTIONS

KX-FT46BX

3. FLAT PACKAGE IC INSTALLATION PROCEDURE

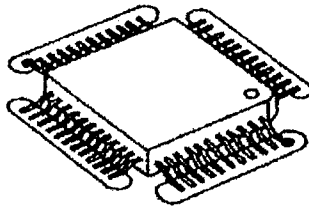
- 1) Temporarily fix the FLAT PACKAGE IC by soldering on the two marked pins.



● - - - - - Temporary soldering point.

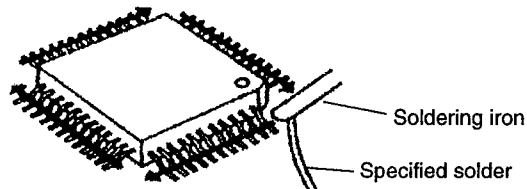
*Check the accuracy of the IC setting with the corresponding soldering foil.

- 2) Apply flux to all pins of the FLAT PACKAGE IC.



○ - - - - - Flux

- 3) Solder the pins, sliding the soldering iron in the direction of the arrow.



4. BRIDGE MODIFICATION PROCEDURE

- 1) Lightly re-solder the bridged portion.
- 2) Remove the remaining solder along the pins using a soldering iron as shown in the figure below.

