4275-9005-03

OPTIONAL KIT

INSTALLATION INSTRUCTIONS

MINOLTAFAX 5500

MINOLTA

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Your MINOLTA-FAX 5500 can accept two types of Optional Kits: the *Printer Driver Kit* and *Second Phone Line Kit*. Also, you can combine the two Kits.

Note: Each Optional Kit *must* be installed by your MINOLTA authorized dealer.

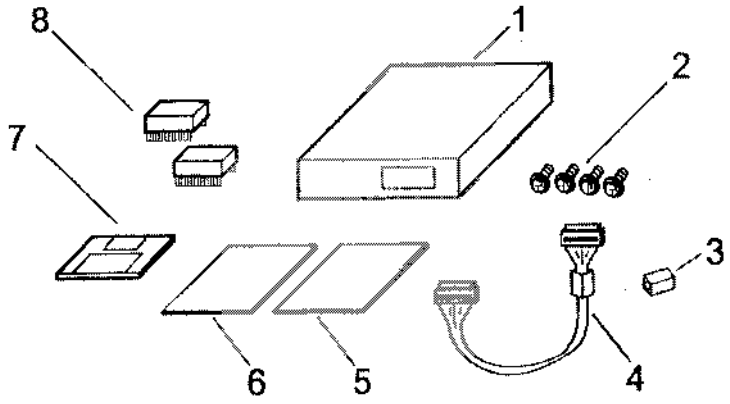
We offer two different kits. Here is what each contains:

- **Printer Driver Kit** — The Printer Driver Kit and accompanying items.
- **Second Phone Line Kit** — The Second Phone Line Kit and accompanying items.

Unpacking

Printer Driver Kit

Here's what should be in the Printer Driver Kit package:

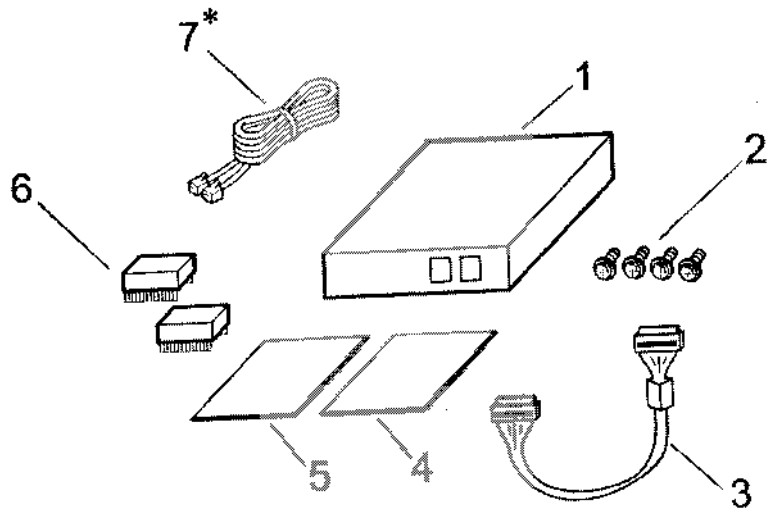


1. Printer Driver Kit — Includes the Printer PCB (printed circuit board)
2. Four screws
3. Ferrite core
4. Connection cable
5. Fax Printer Operating Instructions
6. Optional Kit Installation Instructions
7. Fax Printer driver software floppy diskette
8. Two upgrade ROMs

Be sure to save the packing materials for reshipment.

Second Phone Line Kit

Here's what should be in the second phone line kit package:



1. Second Phone Line Kit — Includes the NCU PCB and Modem PCB
2. Four screws
3. Connection cable
4. Second Phone Line Kit Operating Instructions
5. Optional Kit Installation Instructions
6. Two upgrade ROMs
7. Telephone line cord*

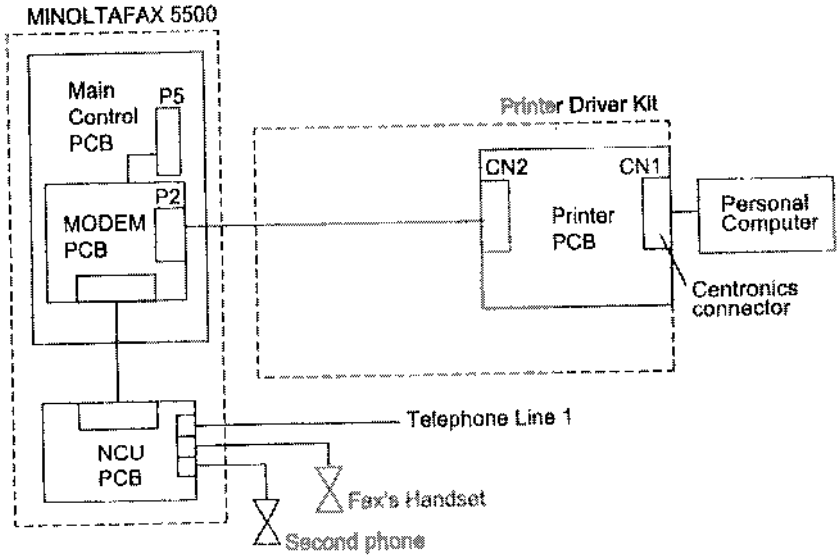
* *The telephone line cord type may differ due to local regulations.*

Be sure to save the packing materials for reshipment.

Installing only the Printer Driver Kit on the MINOLTAFAX 5500

Note: Each Optional Kit *must* be installed by your MINOLTA authorized dealer.

Please refer to the following block diagram for installing the Printer Driver Kit.

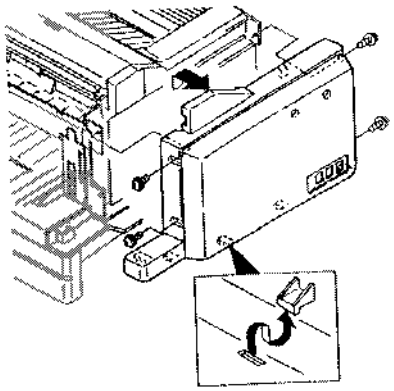


Setting up

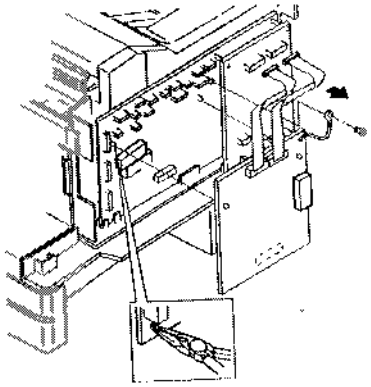
Exchange the ROM

1. Make sure your fax machine is turned off.

2. Remove the four rear cover mounting screws, and remove the rear cover.

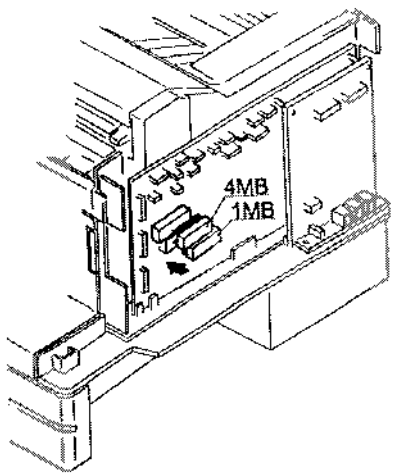


3. Release the two tabs, disconnect the connector that connected with the Main control PCB, and remove the ground wire mounting screw. Then remove the Modem PCB.



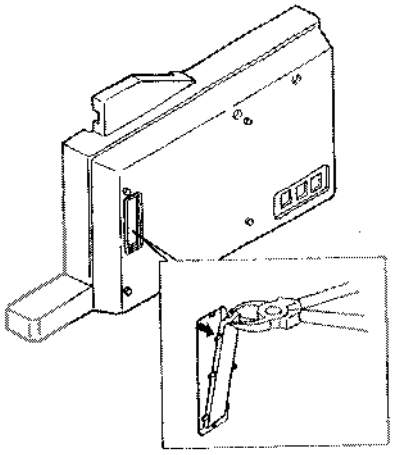
4. Exchange the standard ROM on the Main control PCB for the two optional upgrade ROMs.

Important: Please refer to "Upgrade ROM", on page 23 for more information on exchanging the ROM.



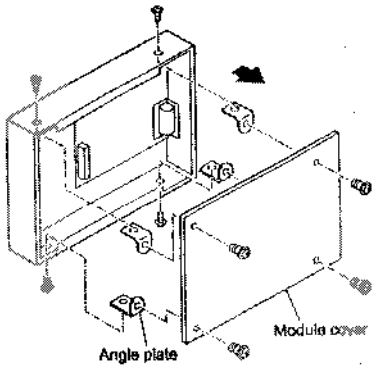
Attach the Printer Driver Kit to your fax machine

5. Find the appropriate panel on the rear cover, and then pull it out — perhaps with pliers. You'll be passing the connection cable through this hole.

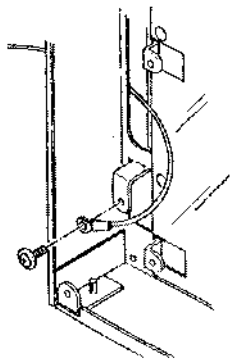


6. Unscrew the mounting screws on the Printer Driver Kit's cover. Then remove the cover.

7. Unscrew the mounting screws on the four *angle plates*. Then remove the angle plates.

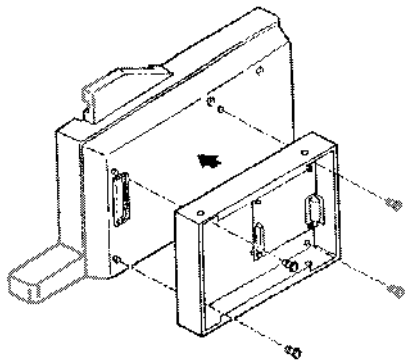


8. Remove the ground wire mounting screw. Then remove the ground wire.

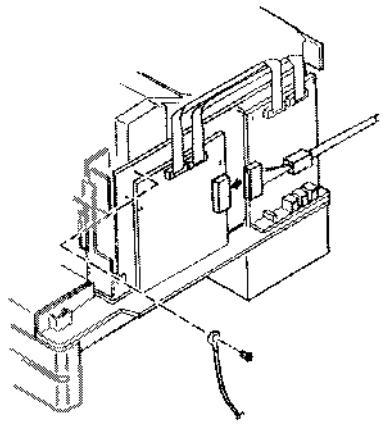


9. Use the four screws included with the kit to attach the bottom chassis to the rear cover.

10. Attach the four *angle plates* to the bottom chassis using the screw.

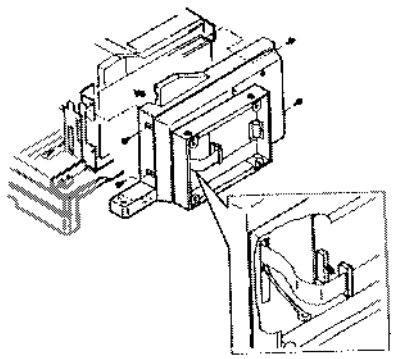


11. Plug the connection cable into the **P2 (OUT)** connector on the MINOLTAFAX 5500's Modem PCB. Unscrew the mounting screw on the left upper of the Main Control PCB. Then attach the ground wire using the screw.

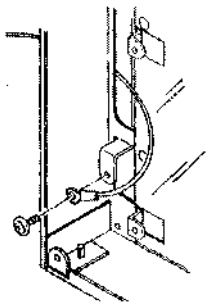


12. Re-attach the rear cover using the four screws, while passing the connection cable and ground wire through the hole on the rear cover (as shown).

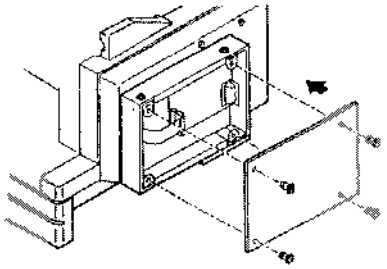
13. Plug the connection cable into the **CN2** connector on the Printer PCB.



14. Re-attach the ground wire to the bottom chassis using the screw.



15. Re-attach the kit cover using the four screws.

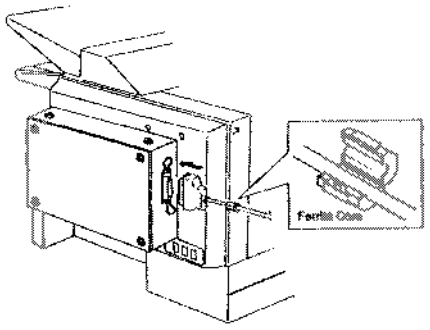


16. Attach the ferrite core to the parallel interface cable.

17. Plug the *parallel interface cable* into your Printer driver kit's interface port.

18. Fasten the *wire clips* to the parallel interface cable plug.

19. Plug the other end of the parallel interface cable into your computer's parallel interface port.

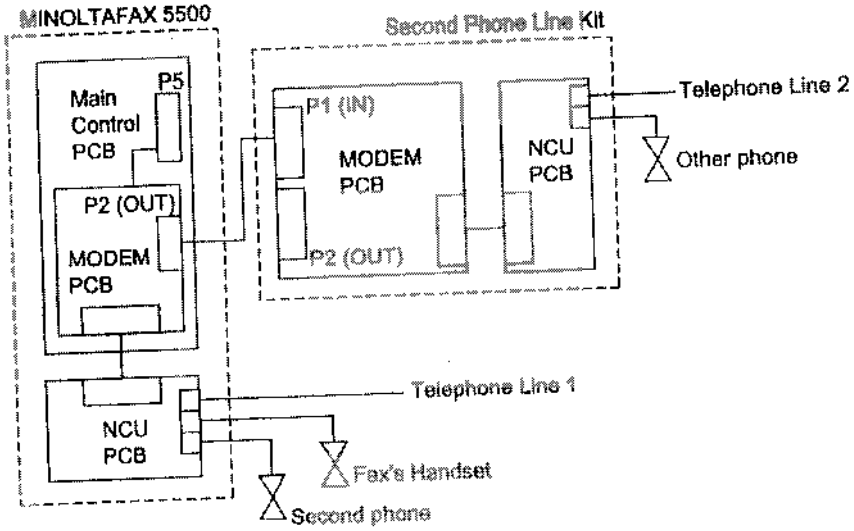


Note: If you need help with steps 17–19, please consult your computer's operating instructions.

Installing only the Second Phone Line Kit on the MINOLTAFAX 5500

Note: Each Optional Kit *must* be installed by your MINOLTA authorized dealer.

Please refer to the following block diagram for installing the Second Phone Line Kit.

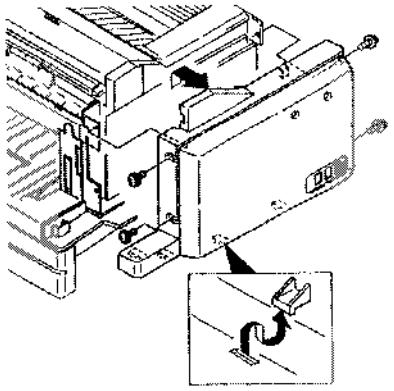


Setting up

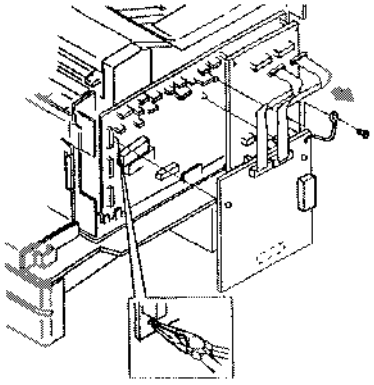
Exchange the ROM

1. Make sure that your fax machine's power is turned off.

2. Remove the four rear cover mounting screws, and remove the rear cover.

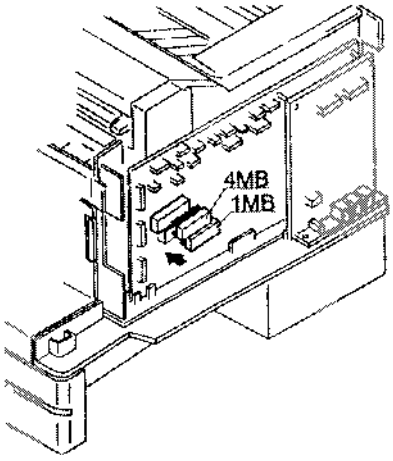


3. Release the two tabs, disconnect the connector that connected with the Main control PCB, and remove the ground wire mounting screw. Then remove the Modem PCB.



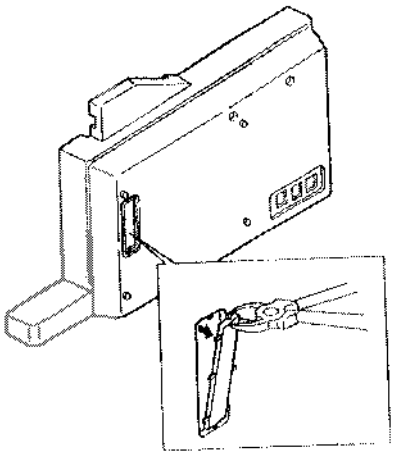
4. Exchange the standard ROM on the Main control PCB for the two optional upgrade ROMs.

Important: Please refer to "Upgrade ROM", on page 23 for more information on exchanging the ROM.



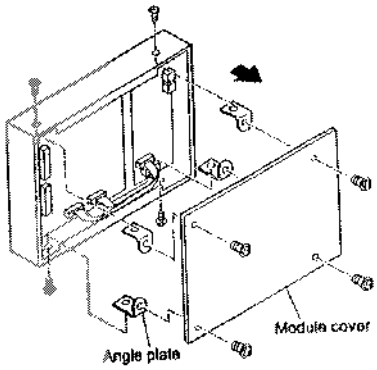
Attach the Second Phone Line Kit to your fax machine

5. Find the appropriate panel on the rear cover, and then pull it out — perhaps with pliers. You'll be passing the connection cable through this hole.

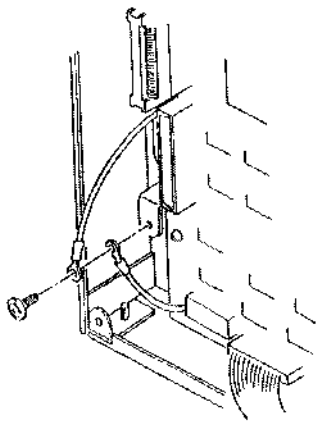


6. Remove the four cover mounting screws, and then remove the cover.

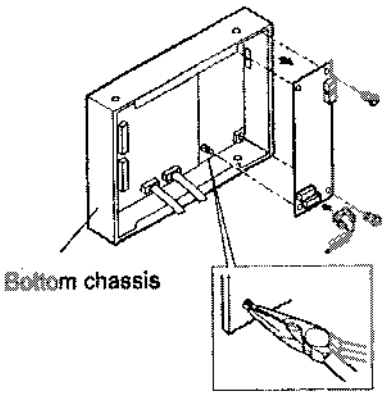
7. Remove the *angle plate* mounting screw, and then remove the four *angle plates*.



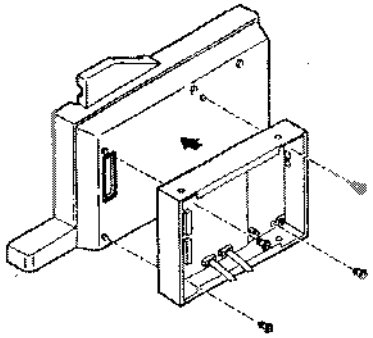
8. Remove the ground wire mounting screw. Then remove the ground wire.



9. Remove the two NCU PCB mounting screws, release the two tabs and disconnect the two connectors as shown. Then remove the NCU PCB from the bottom chassis of the Second Phone Line Kit.

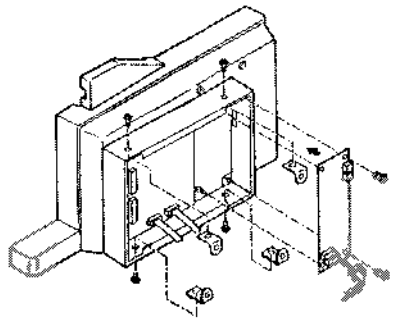


10. Attach the bottom chassis to the rear cover using the four screws.

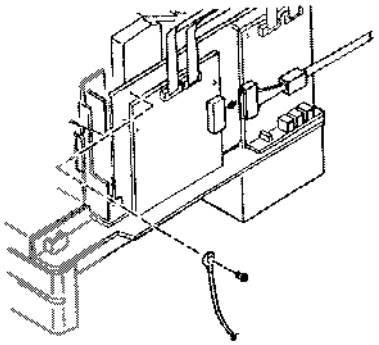


11. Attach the NCU PCB to the bottom chassis using the two screws and two tabs, and connect the two connectors.

12. Attach the four *angle plates* to the bottom chassis using the screws.

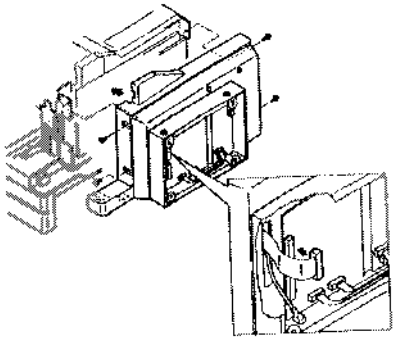


13. Plug the connection cable into the **P2 (OUT)** connector on the MINOLTAFAX 5500's Modem PCB. Unscrew the mounting screw on the left upper of the Main Control PCB. Then attach the ground wire using the screw.

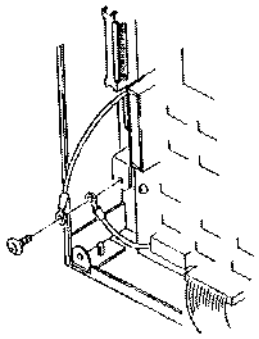


14. Attach the rear cover using the four screws. At this time, pass the connection cable and ground wire through the hole on the rear cover as shown.

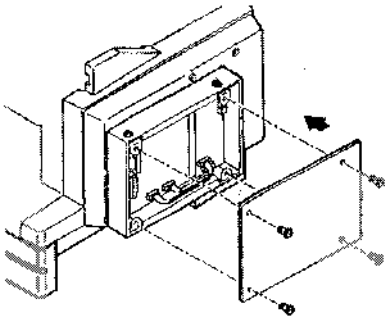
15. Plug the connection cable into the **P1 (IN)** connector on the Second Phone Line's Modem PCB.



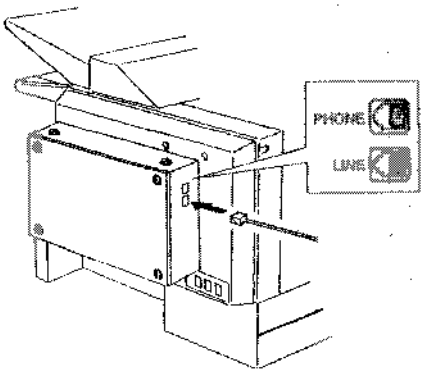
16. Re-attach the ground wire to the bottom chassis using the screw.



17. Re-attach the Second Phone Line Kit cover using the four screws.



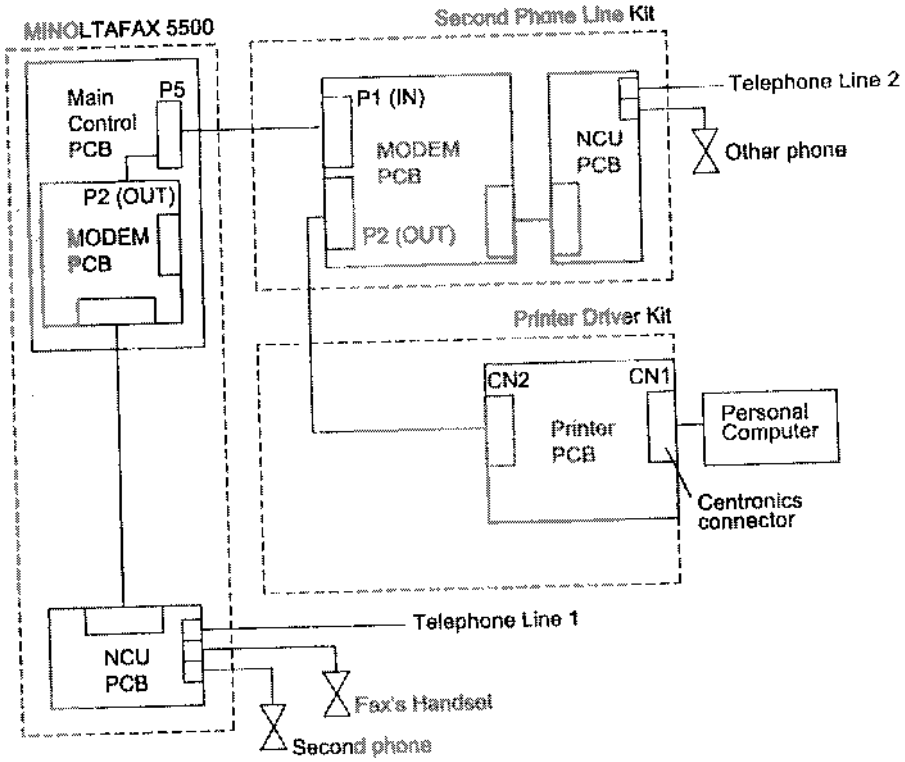
18. Plug one end of the telephone line cord into the **LINE** jack on the Second Phone Line Kit's right side. Plug the other end of the cord into a standard telephone wall jack, just as you would plug in a phone.



Installing both the Printer Driver Kit and Second Phone Line Kit on the MINOLTAFAX 5500

Note: Each Optional Kit *must* be installed by your MINOLTA authorized dealer.

To install these Kits, please refer to the following block diagram for installation:



Important notes:

- If the Printer Driver Kit has been already installed on your MINOLTAFAX 5500, you must first remove it (see *"Attach the Printer Driver Kit to your fax machine,"* page 5). **Keep the removed Printer Driver Kit;** you'll need them in step 20 (see page 21). Then proceed to "Exchange the ROM" (next column).
- If the Second Phone Line Kit has been already installed on your MINOLTAFAX 5500, remove the Second Phone Line Kit's cover. Then proceed to step 20 (page 21).

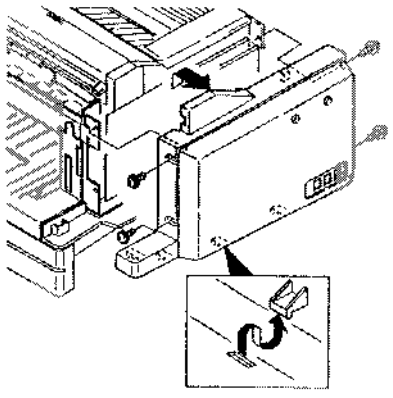
Setting up

Exchange the ROM

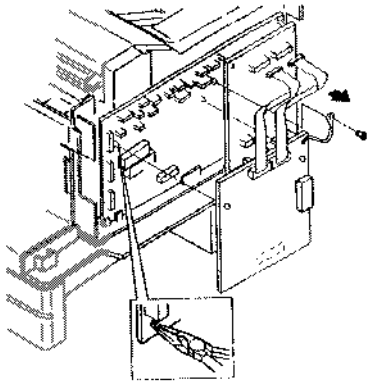
Important: Please refer to "Upgrade ROM", on page 23 for more information on exchanging the ROM.

1. Make sure that your fax machine's power is turned off.

2. Remove the four rear cover mounting screws, and remove the rear cover.

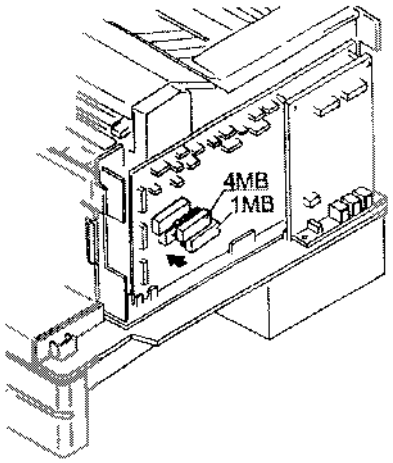


3. Release the two tabs, disconnect the connector that connected with the Main control PCB, and remove the ground wire mounting screw. Then remove the Modem PCB.



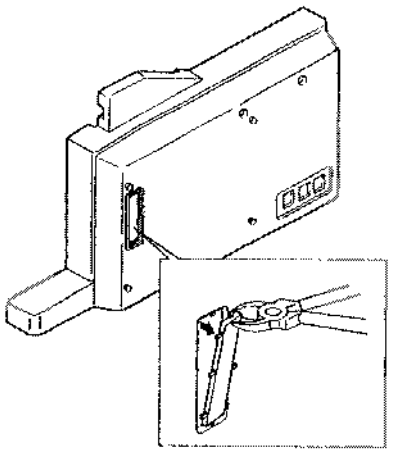
4. Exchange the standard ROM on the Main control PCB for the two optional upgrade ROMs.

Important: Please refer to "Upgrade ROM", on page 23 for more information on exchanging the ROM.



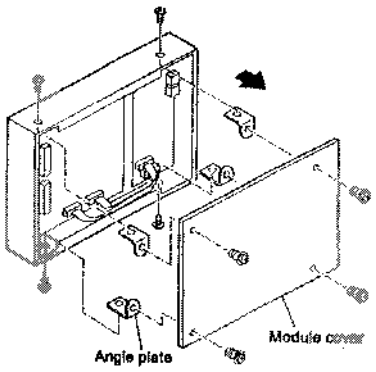
Attach the Second Phone Line Kit to your MINOLTAFAX 5500

5. Find the appropriate panel on the rear cover, and then pull it out — perhaps with pliers. You'll be passing the connection cable through this hole.

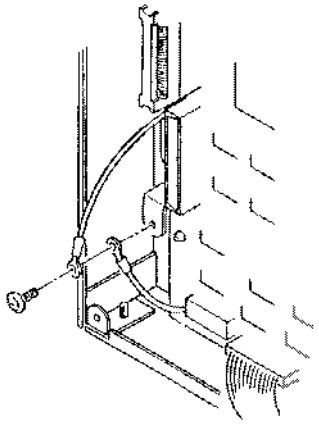


6. Remove the four cover mounting screws, and then remove the cover.

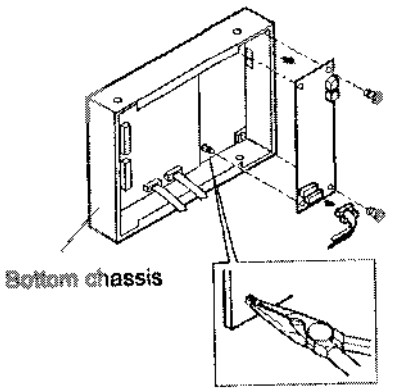
7. Remove the *angle plate* mounting screw, and then remove the four *angle plates*.



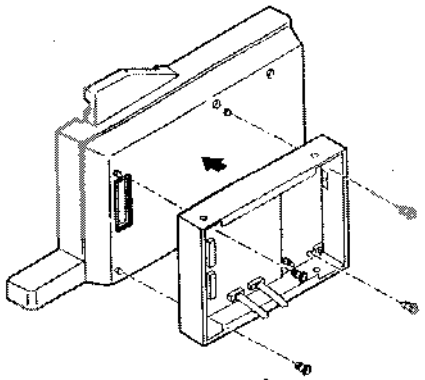
8. Unscrew the mounting screw on the ground wire. Then remove the ground wire.



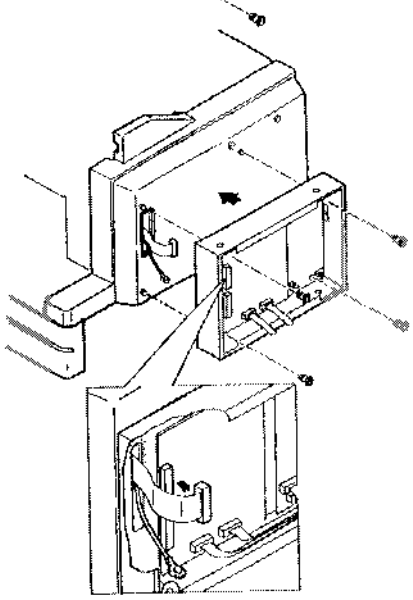
9. Remove the two NCU PCB mounting screws, release the two tabs and disconnect the two connectors as shown. Then remove the NCU PCB from the bottom chassis of the Second Phone Line Kit.



10. Attach the bottom chassis to the rear cover using the four screws.



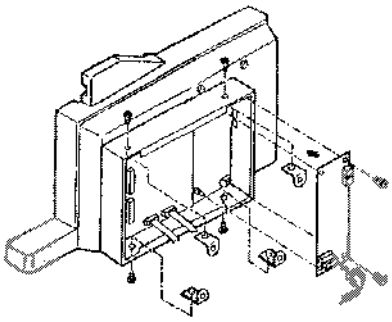
Note: If the connection cable and ground wire are plugged into the MINOLTAFAX 5500, pass them through the hole on the bottom chassis.



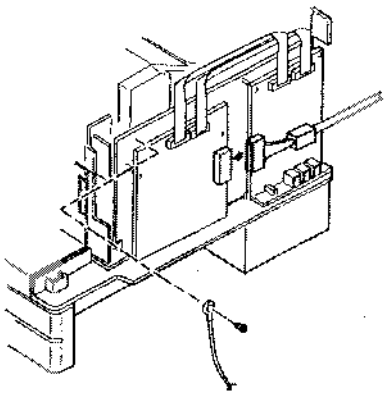
11. Attach the NCU PCB to the bottom chassis using the two screws and two tabs, and connect the two connectors.

12. Attach the four *angle plates* to the bottom chassis using the screws.

    If the connection cable and ground wire are plugged into the MINOLTAFAX 5500, skip to step 15. Otherwise, proceed to step 13.

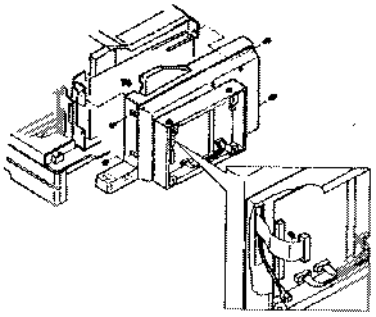


13. Plug the connection cable into the **P2 (OUT)** connector on the MINOLTAFAX 5500's Modem PCB. Unscrew the mounting screw on the left upper of the Main Control PCB. Then attach the ground wire using the screw.

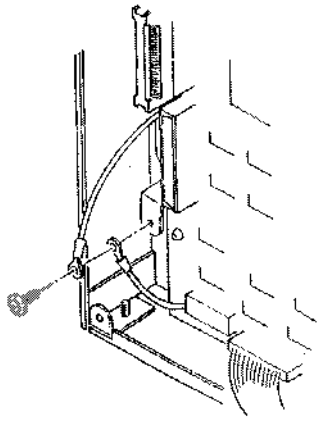


14. Attach the rear cover using the four screws. At this time, pass the connection cable and ground wire through the hole on the rear cover as shown.

15. Plug the connection cable into the **P1 (IN)** connector on the Modem PCB of the Second Phone Line Kit.



16. Attach the ground wire using the screw. Proceed to step 17 ***without*** attaching the Second Phone Line Kit's cover.

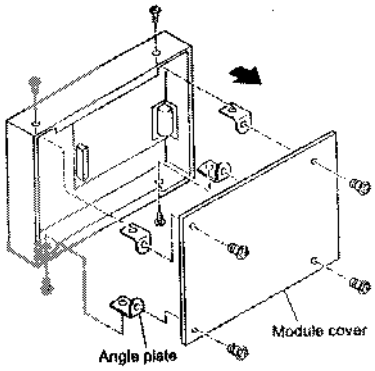


Attach the Printer Driver Kit to the Second Phone Line Kit

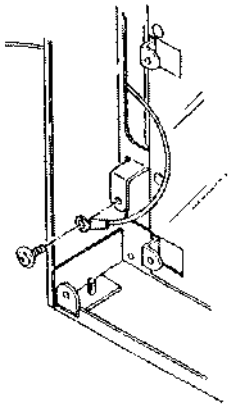
Note: If the Printer Driver Kit has been disassembled, skip to step 20.

17. Remove the four Printer Driver Kit's cover mounting screws, and then remove the Printer Driver Kit's cover.

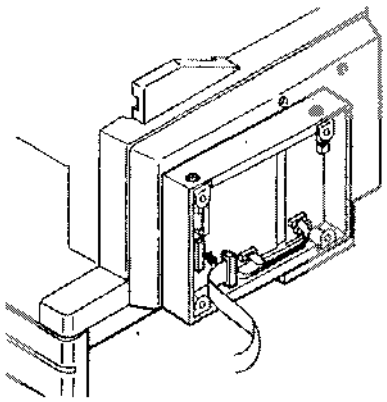
18. Unscrew the mounting screws on the four *angle plates*. Then remove the angle plates.



19. Remove the ground wire mounting screw. Then remove the ground wire.

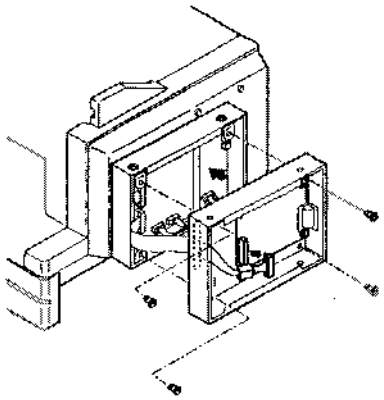


20. Plug the connection cable into the **P2 (OUT)** connector on the Modem PCB of the Second Phone Line Kit.



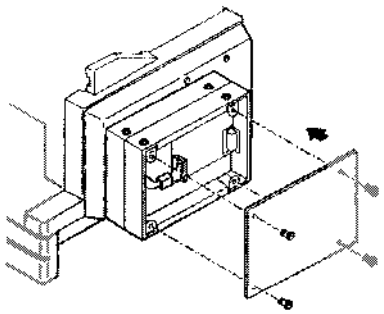
21. Attach the bottom chassis to the Second Phone Line Kit, using the four screws. At this time, pass the connection cable through the hole on the bottom chassis, as shown.

22. Connect the connection cable to the **CN2** connector on the printer PCB of the Printer Driver Kit.



23. Attach the four *angle plates* to the bottom chassis using the screws.

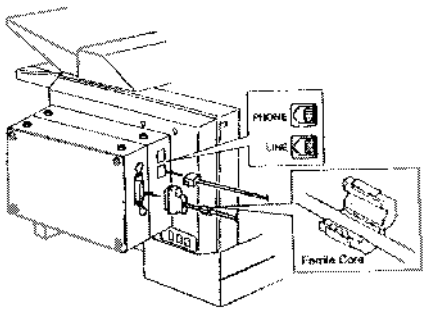
24. Attach the Printer Driver Kit's cover to the bottom chassis using the four screws.



25. Plug one end of the telephone line cord into the **LINE** jack on the Second Phone Line Kit's right side. Plug the other end of the cord into a standard telephone wall jack, just as you would plug in a phone.

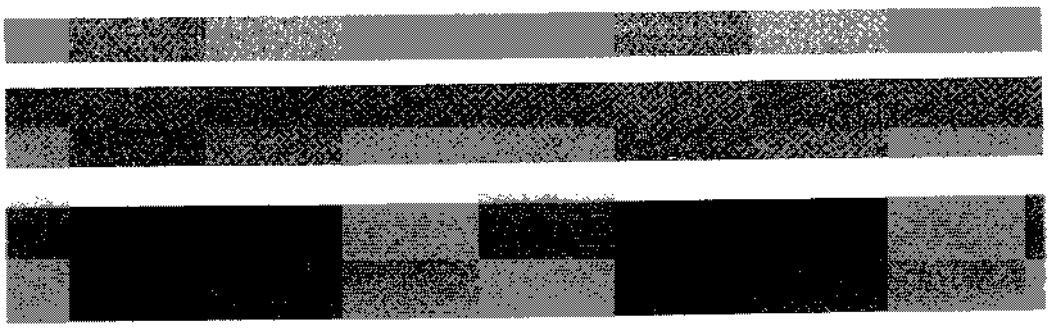
26. Attach the ferrite core to the parallel interface cable.

27. Plug the parallel interface cable into your Printer Driver Kit's interface port. Fasten the wire clips to the interface cable. Plug the other end of the parallel interface cable into your computer's interface port.



Upgrade ROM

Use the latest ROM version of MF5500US8 as compared your MINOLTAFAX 5500's ROMs with optional upgrade ROMs.

The MF5500US8 version ROM supports the following combination of optional kit.

Combination of optional kit
RS232C kit only
Printer Driver Kit only
Second Phone Line Kit only
RS-232C kit and Printer Driver Kit
RS-232C kit and Second Phone Line
Printer Driver Kit and Second Phone Line Kit