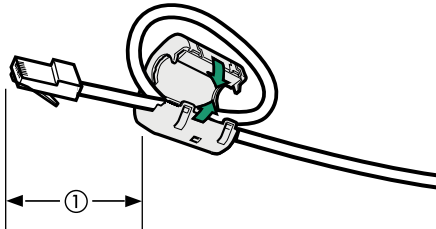## Connecting to the Ethernet Interface

This section describes how to connect Ethernet interface cable to the Ethernet interface.
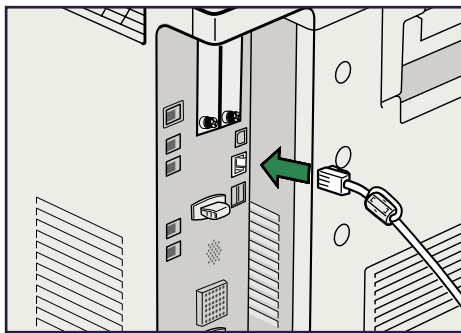
⭐ Important

- If the main power switch is on, turn it off.

- Use the following Ethernet cables.

    - Unshielded Twisted Pair Cable (UTP) or Shielded Twisted Pair Cable (STP) and Category type 5 or more

1. A ferrite core for the Ethernet interface cable is supplied with this machine. Make a loop in the cable about 5 cm (2.1 inch) (1) from the machine end of the cable. Attach the ferrite core.
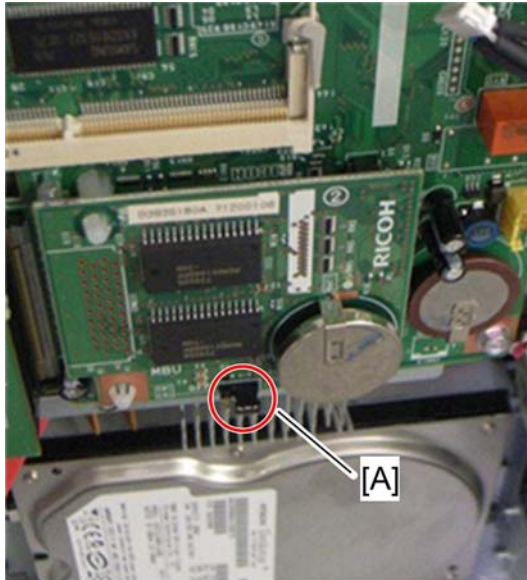

BBM011S

2. Make sure the main power switch of the machine is off.

3. Connect the Ethernet interface cable to the 10BASE-T/100BASE-TX port.

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4. Connect the other end of the Ethernet interface cable to a network connection device such as a hub.

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11. Switch the MBU battery jumper switch [A] to "ON" position.
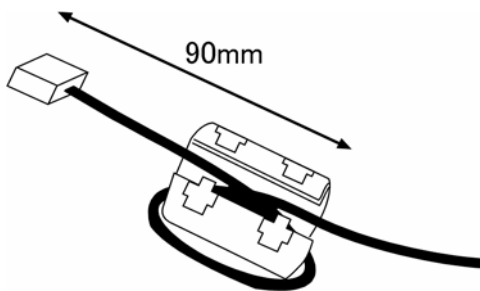
🔻 **Note**

Make sure that the MBU board is firmly connected to the FCU.

12. Reinstall the controller box.

13. Attach the handset support bracket and handset bracket to the copier, and then connect the handset cord with the ferrite core to the "TEL" jack if you install the handset to the machine.

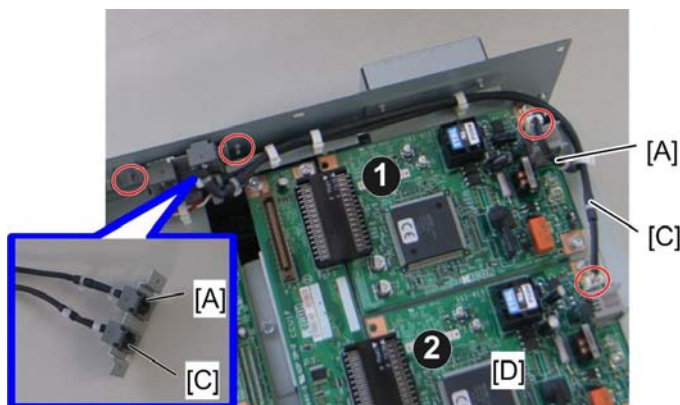🔻 **Note**

For details, refer to the "Hand Set Installation" in the Service Manual for the Fax Unit (D393).

90mm

d346i912a

14. Attach the ferrite core to the telephone cord.
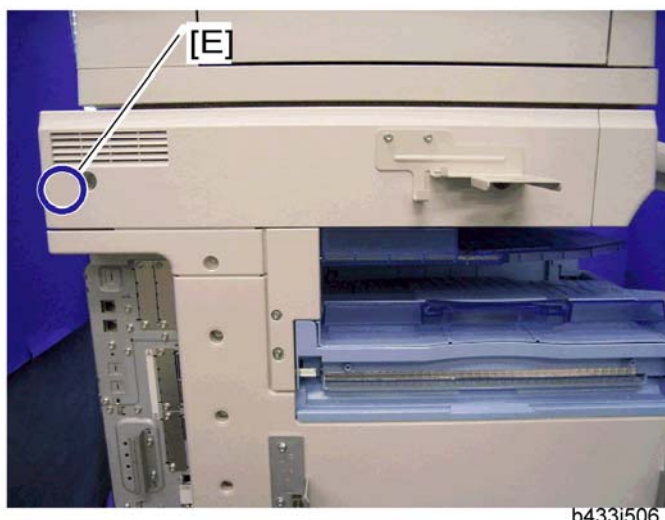15. Connect the telephone cord to the "LINE 1" jack.
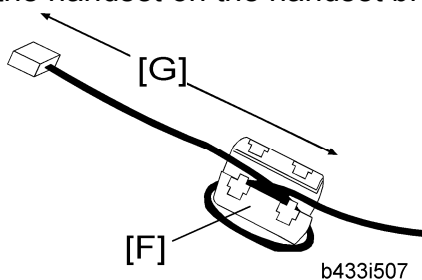
Installation-6

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7. Attach the socket of harness [A] (LINE2) and the socket of harness [C] (LINE3) to the modular bracket for SG3.
8. Connect the harness [A] (LINE2) to the first SG3 board ❶ and the harness [C] (LINE3) to the second SG3 board ❷ (📇 x 4).
9. Attach the modular bracket for SG3 to the controller box (🔩 x 2).
10. Reinstall the controller box.
11. Attach the ferrite core to the telephone cord for single SG3 board installation, or the two ferrite cores to the telephone cords for double-SG3 board installation.
12. Connect the telephone cord to the "LINE 2" jack for single SG3 board installation, or connect the telephone cords to the "LINE2" and "LINE3" jacks for double-SG3 board installation.
13. Connect the power plug to a power outlet and turn on the main power switch.
14. Enter the service mode. Set bit 1 of communication switch 16 to "1" (SP1-104-023).
15. Set bit 3 of communication switch 16 to "1" (SP1-104-023) if you have installed two SG3 boards.
16. Exit the service mode.
17. Turn the main power switch off and on.
18. Print out the system parameter list. Then check that "G3" shows as an option.
19. Set up and program the items required for PSTN-2 communications.

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6. Install the scanner left cover on the machine.
7. Attach the clamp to the location [E].
8. Set the handset on the handset bracket.

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9. Put the ferrite core [F] on the handset cord as shown. The length [G] must be 90 mm.
10. Clamp the hand set cord.
11. Connect the handset cable to the "TEL" jack at the rear of the machine.