NETWORK MULTI PDL PRINTER KIT-C1 INSTALLATION PROCEDURE

1	Preparation

Prepare the following since it is necessary to download the system for PS/PCL after attaching the kit.

1.1. Computer
Computer with the service support tool Ver.1.24 and after installed and the iR2200N system installed.

1.2. Interface cable
When downloading via parallel port
Parallel cable

When downloading via network
Cross Ethernet cable 1
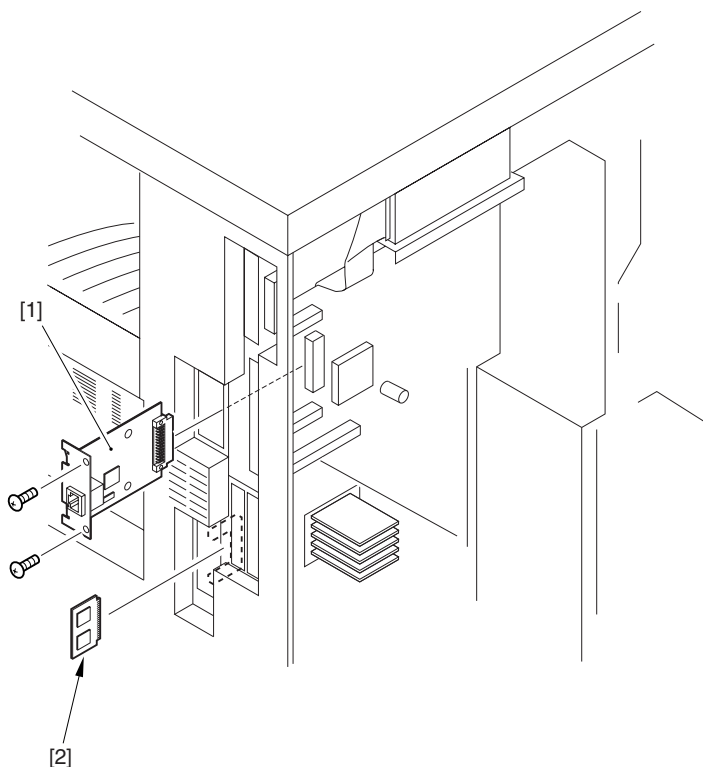Or
Straight Ethernet cable 2
HUB 1

2	Unpacking/check on packed articles

Figure 2-1

[1] Network PCB 1
[2] BOOT ROM for PDL 1

⚠ Caution:

Take note of the following to avoid damaging the PCBs by static charges:

1. Put on a grounded wrist strap before starting the work. If no grounding terminal is found, use the frame of the main body.
2. Keep each PCB in an anti-static bag until immediately before it is used.
3. When you handle a PCB, be sure to hold the frame of the PCB (i.e., base material area) without touching terminals.
4. If you must place a PCB temporarily, be sure that the area is treated against static charges (e.g., anti-static mat). Otherwise, place it on or in an anti-static bag. Do not place it on a metal plate.
5. Be sure not to leave insulators which are subject to being charged in the work area.

3 | Procedure for attachment

1. Turn off the main power switch.

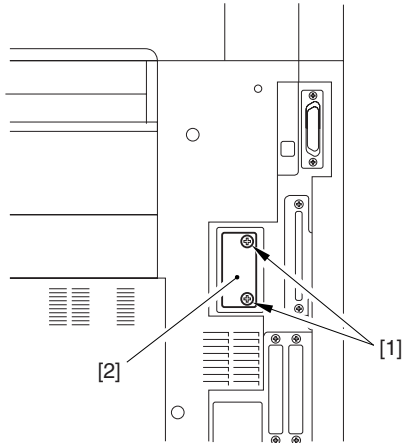2. Remove the screws [1] (2), and remove the blanking plate 1 [2].

Figure 3-1

3. Fix the network PCB [1] with the screws for attaching the blanking plate 1 [2] (2).

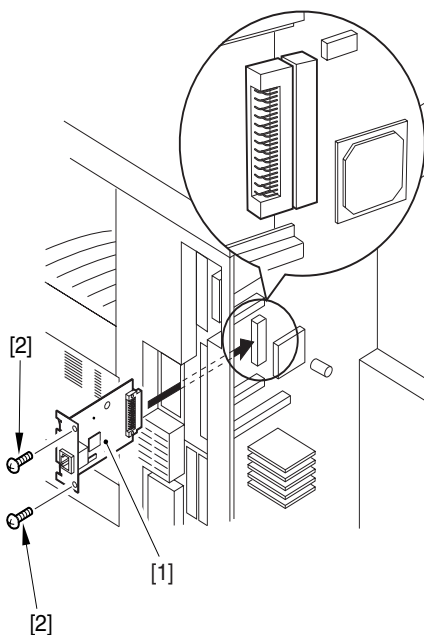> ⚠ Make sure that the connector[3] is inserted properly.

Figure 3-2

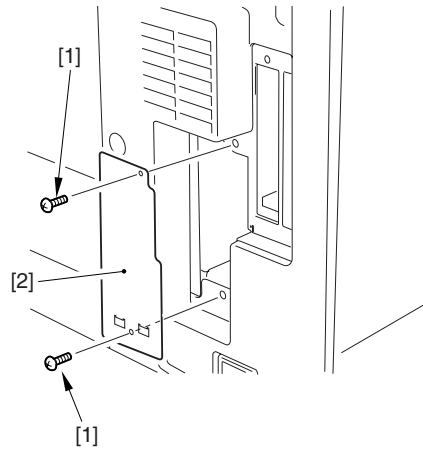4. Remove the screws [1] (2), and remove the blanking plate [2].

Figure 3-3

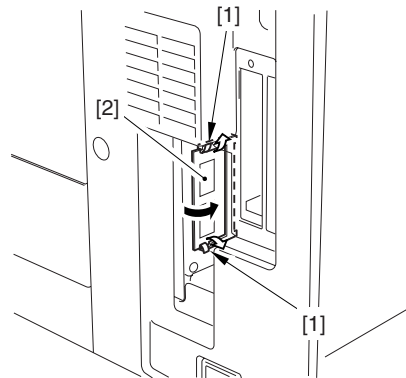5. Release the claws [1] (2) and remove the BOOT ROM [2].

Figure 3-4

6. Attach the BOOT ROM for PDL packed together in the kit to the socket (J1010) to which the BOOT ROM (removed in Procedure 5) was attached.

7. Attach the blanking plate removed in Procedure 4.

4	System download

After completing the attachment of the kit, download the iR2200N system.
Refer to the iR2200 Service Manual for the procedure for downloading.

5	Connection To Network

1. Turn off the main power of a main unit.
2. Connect a network cable to a main unit, and turn on the main power.
3. Inform a system administrator at a user's site that the installation is done and ask him/her to do network settings.

6	Connection Check

In case a network environment at the user's site is TCP/IP, using the PING function, check if the installation of the network PCB and the network settings are correctly done.
In case a network environment is IPX/SPX or Apple Talk, a connection check is not necessary.

6.1. How To Use PING Function

1. Select PING in the service mode.
   Service mode > Copier > Test > NETWORK > PING
2. Input an IP address by numeric keys on the control panel, and press "OK" key.
3. Press "START" key.
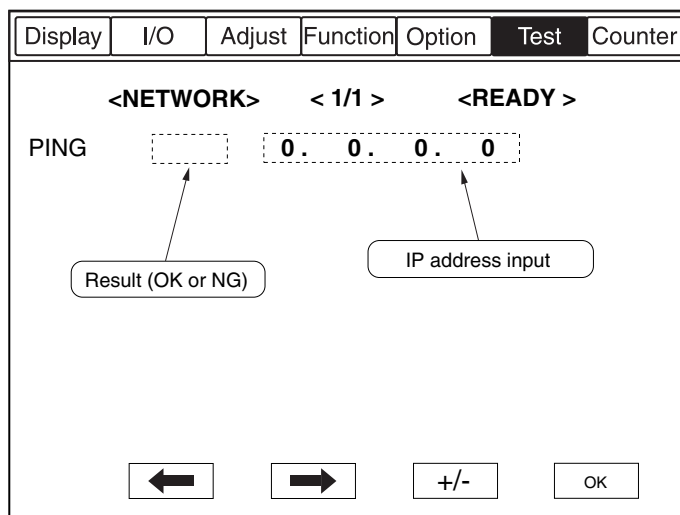4. If PING is successfully done, "OK" is indicated. If not, "NG" is indicated.

Figure 6-1

6.2. Check With Remote Host Address

If you execute PING with a remote host address*, you can check whether or not the connection to the network is properly established or not.
*Remote host address: An IP address of a PC terminal which is connected to a main unit via TCP/IP.

1. Inform a system administrator that you would like to check the network connection by using PING function.
2. Ask a system administrator a remote host address.
3. Input a remote host address to PING.
4. If "OK" is indicated, the connection to the network is properly established.
5. If "NG" is indicated, the connection to the network is not properly established.

In this case, troubleshoot in accordance with the instructions given below.

7	Troubleshooting

In case a connection to the network cannot be properly established, conceivable causes are as follows. Following the instructions in 7.1 through 7.3, troubleshoot a problem.
1. Connection failure between the network and the network PCB.
2. Faulty TCP/IP settings of a main unit.
3. Faulty network PCB, or PCB installation failure.
4. Faulty user network.

7.1. Check The Network Cable Connection
Check if the network cable is properly connected to the network PCB.
1. If it is properly connected, follow the instructions in 7.2.
2. If it is not properly connected, correct the connection and execute PING with a remote host address in order to verify the proper connection.

7.2. Check With Loop Back Address
A loop back address turns back just before the network PCB and returns. Therefore, if you execute PING with this address, you can check whether the TCP/IP settings of a main unit are correct or incorrect.
1. Input the loop back address (127.0.0.1) to PING.
2. If "NG" is indicated, check the TCP/IP settings of a main unit and execute PING again.
3. If "OK" is indicated, follow the instructions in 7.3.

7.3. Check With Local Host Address
A local host address is an IP address of a main unit. If you execute PING with this address, the address turns back at the network PCB and returns, so you can check whether the network PCB is non-defective or defective.
1. Input an IP address of a main unit to PING.
2. If "NG" is indicated, follow the instructions below and execute PING again.
   [1] Incorrect IP address of the machine: Check IP address settings of a main unit, and verify with a system administrator whether or not the assigned IP address is valid.
   [2] Network PCB connection failure: Check the connection of the connectors on the network PCB.
   [3] Network PCB failure: Replace the network PCB.
3. If "OK" is indicated, a network environment at the user's site might be a cause. Report the condition to a system administrator and ask him/her to work out a problem.

8	Check on network scanner

1. Switch on the copier.
2. Enter in Service mode, COPIER > OPTION > USER > NW_SCAN, set '1' for NW_SCAN, press the "OK" and switch OFF/ON the copier.
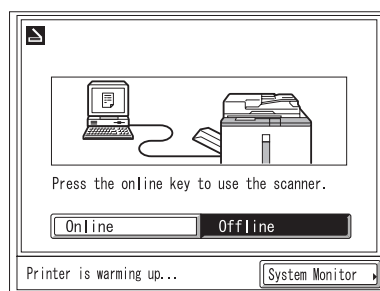3. Press the OPTION key, and confirm that the following is displayed.

Press the online key to use the scanner.

| Online | Offline |

Printer is warming up...   System Monitor

Figure 8-1