

# Installing the Controller Board

The 4247 printer arrived with the Controller Board that you ordered.

You must install the Controller Board (received with the printer) into the proper slot in the back of the printer before it can be used.

## Handling the Controller Board

**Attention:** Do not remove the Controller Board from the protective package until instructed to do so. Static electricity, though harmless to you, can damage sensitive Controller Board components. Use the information in this section to avoid damaging a Controller Board.

- Limit your movement. Your movement can create static electricity that, when released to the Controller Board, can damage the electronic components on the Controller Board. Sliding your foot across carpeting is an example of how you create unwanted static electricity.
- Handle the Controller Board only by the edges and prevent others from making direct contact with it.
- Before removing the Controller Board from the protective package, ground the package to exposed metal at the back of the printer. This will release any static charge that may have developed on the package or on your body. Hold the package against the metal for at least two seconds.
- When you are instructed, remove the Controller Board and install it directly into the Controller Board slot without setting it down. If you have removed the Controller Board from the protective package and cannot immediately insert it in the printer, place the protective package on a flat surface, and set the Controller Board on top of the protective package.

## Inserting the Controller Board

**Attention:** Ensure that the printer is powered off before installing or removing the Controller Board. If the Controller Board is installed while the printer is powered on, the controller will not synchronize with the printer mechanism board. Unpredictable printer behavior will result. Perform the following steps to install the Controller Board:

1. Ensure that the printer is powered off. Installing the Controller Board with the printer power on will result in unpredictable printer behavior.
2. Use the screwdriver that came in the Controller Board box to remove the metal plate on the back of the printer by unscrewing the two screws.

**Note:** Save the two screws as you need them to attach the Controller Board to the back printer. Save the metal plate for reuse if the Controller Board is removed.

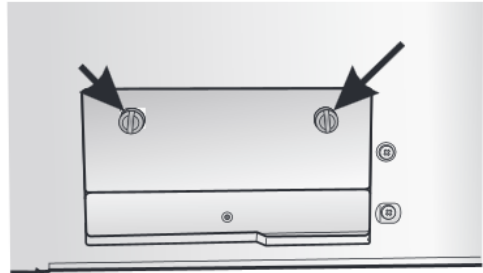


Figure 11. Removing the two screws on the metal plate.

3. Use the information under “Handling the Controller Board” on page 9 as you remove the Controller Board from its shipping box and from the protective package
4. Align the left and right sides of the Controller Board with the guides in the printer and slide it into the slot

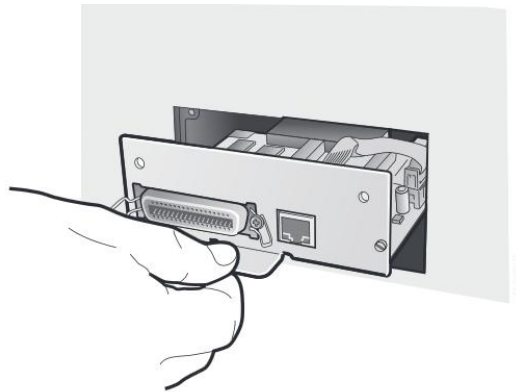


Figure 12. Sliding the board in the slot.

5. Align the left and right sides of the Controller Board with the guides in the printer and slide it into the slot. Gently push the Controller Board into the printer until it is seated in the connector inside the printer. The Controller Board is correctly seated in the printer when the Controller Board metal plate is aligned with the back profile of the slot.
6. Attach the Controller Board with the two captured screws using the screwdriver that came in the Controller Board box.

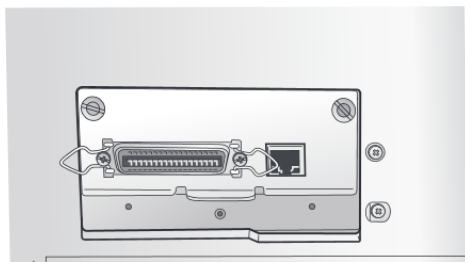


Figure 13. Attaching the Controller Board.