

Instruction Sheet

P/N 070872-001

Centronics Parallel I/O Card



A **UNOVA** Company

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Centronics Parallel I/O Card Instruction Sheet

The following instructions explain how to install an Intermec Centronics Parallel I/O Card into Intermec 3240, 3400, 3440, 3600, and 4400 printers. This procedure is to be performed by trained Intermec service personnel only.

Parts Provided:

- Centronics Parallel I/O Card
- Ribbon cable
- (2) Phillips screws

Tools Required:

- Phillips screwdriver



Warning

Electrical equipment is dangerous! Make sure the printer power switch is turned off and the AC power cord is disconnected before opening the tower door or removing the electronics cover. Working on live equipment can cause injury or death.

Avertissement

“Le matériel électrique peut être dangereux ! Assurez-vous que l'interrupteur d'alimentation de l'imprimante est éteint et que le cordon d'alimentation est débranché, avant d'ouvrir le couvercle du support d'imprimante. Travailler sur du matériel sous-tension peut provoquer des blessures ou la mort.”

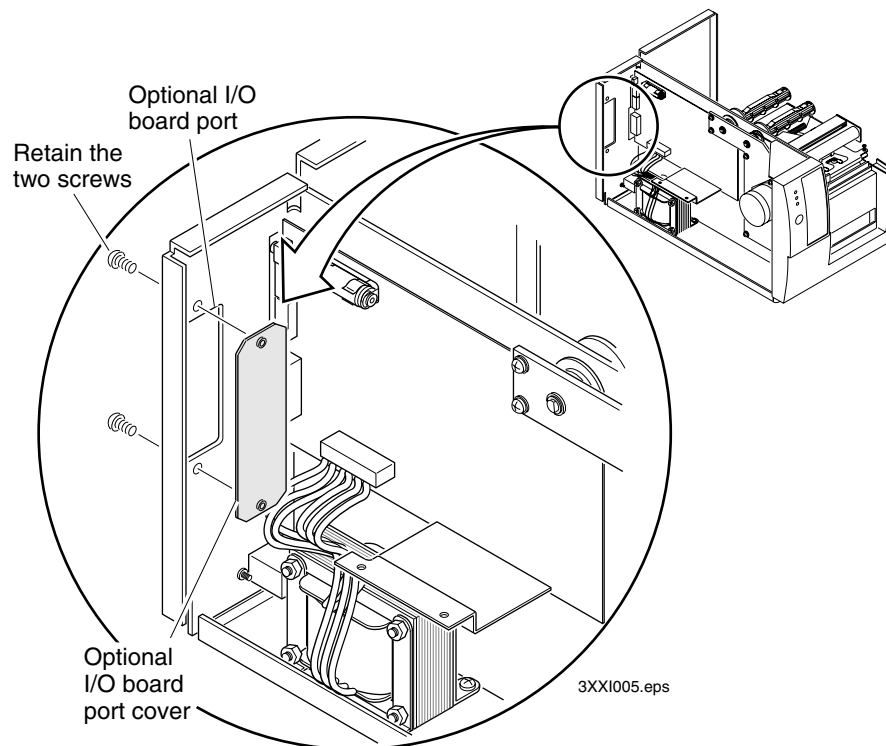
Install the Parallel I/O Card in the 3xxx Printer



Caution

Static electricity can damage electronic components as you handle them. Static-sensitive electronic components are packaged in static protective bags. Before opening the bag, touch it to the metal base of the printer to reduce static electricity. Touch the metal base of the printer to reduce static electricity before installing the parallel I/O card in the printer.

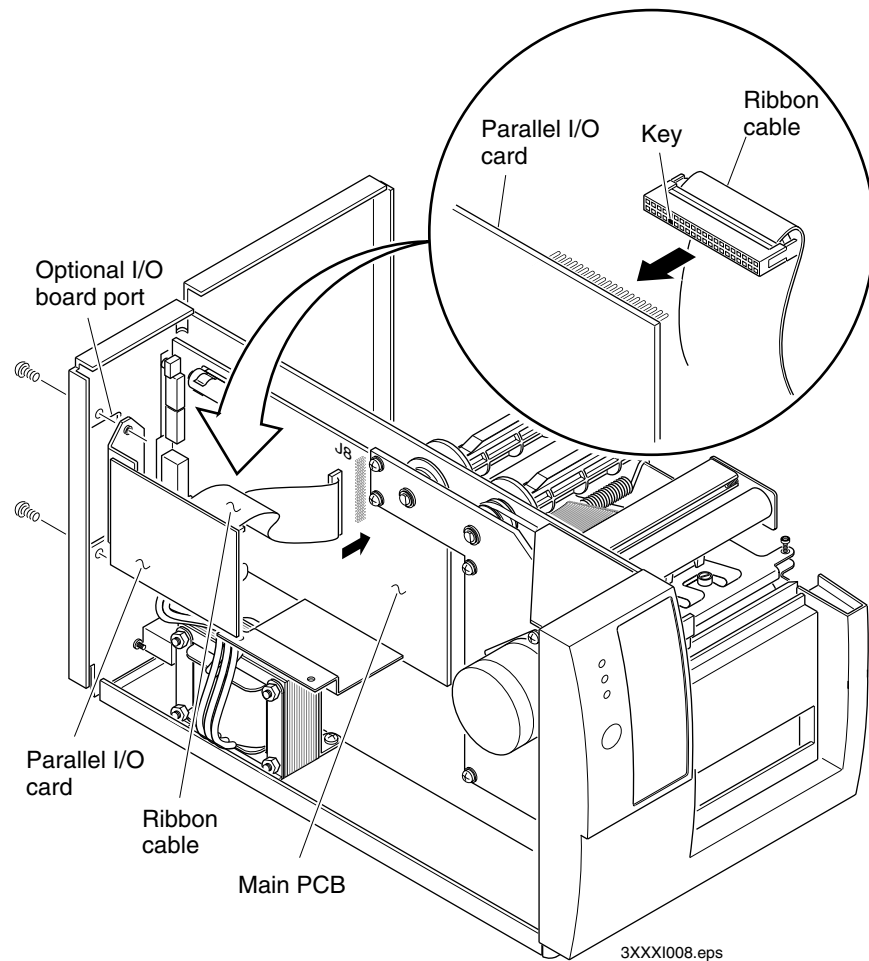
1. Turn off the printer power and remove the power cord.
2. Remove the media cover and the electronics cover from the printer.
3. Remove and discard the optional I/O board port cover from the rear of the printer (see illustration). Retain the two port cover screws.



4. Connect one end of the ribbon cable to the parallel I/O card.



Note: Both ends of the ribbon cable are keyed. Either end can be plugged into the parallel I/O card or the main PCB.



5. With the component side of the parallel I/O card facing the interior of the printer, secure the parallel I/O card to the optional I/O board port with the two port cover screws.

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6. Connect the free end of the ribbon cable to the appropriate connector (see the following table) on the main PCB.

Printer Model Number	I/O Connector
3240	J8
3400A and B	J8
3400C and D	J7
3440	J3
3600	J8

7. Reinstall and secure the media cover and electronics cover.
8. Reinstall the power cord.
9. Test that the printer recognizes the parallel I/O card by printing a hardware configuration test label. See the printer user's manual for instructions on printing a hardware configuration test label. The following message should appear on the configuration test label:

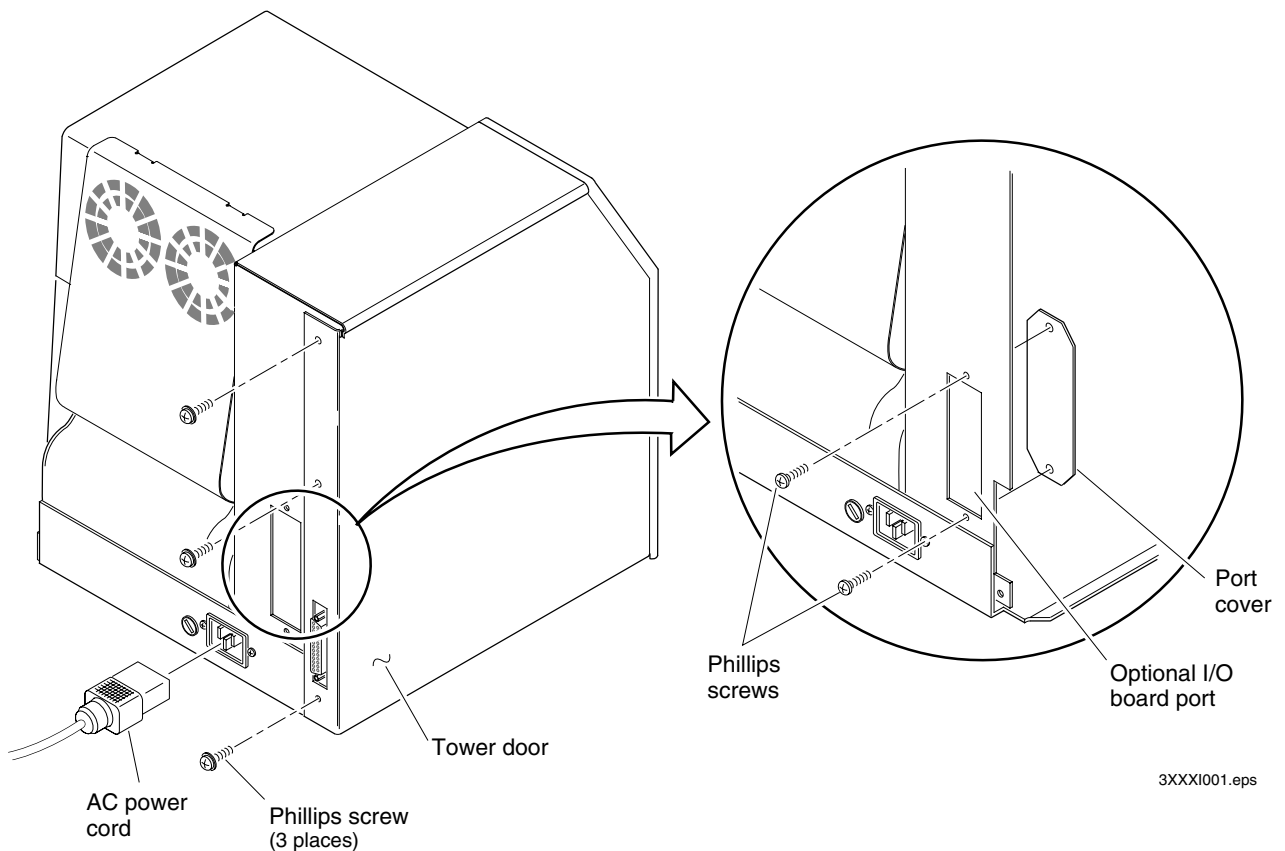
I/O Option Card: Centronix



Caution

Static electricity can damage electronic components as you handle them. Static-sensitive electronic components are packaged in static protective bags. Before opening the bag, touch it to the metal base of the printer to reduce static electricity. Touch the metal base of the printer to reduce static electricity before installing the parallel I/O card in the printer.

1. Turn off the printer power and remove the power cord.
2. Open the tower door by removing the three Phillips screws at the rear of the printer (see illustration).
3. Remove and discard the port cover from the optional I/O board port. Retain the two screws.



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- Secure the parallel I/O card (Part No. 052713) to the optional I/O board port with two Phillips screws. The components on the parallel I/O card must face toward the interior of the printer.
- Connect one end of the ribbon cable to the parallel I/O card.



Note: Both ends of the ribbon cable are keyed. Either end can be plugged into the parallel I/O card or the main PCB.

- Plug the parallel I/O cable (Part No. 053924) into J18 on the main PCB. Check that all the cable connections (not shown) on the main PCB are secure.
- Before closing the tower door, check all cable connections. All cables must be carefully folded prior to securing the electronics door. Ensure that the keypad cable is folded away from the encoder wheels of the TTR assembly. Close the tower door and secure it with three Phillips screws.
- Test that the printer recognizes the parallel I/O card by printing a hardware configuration test label. For help, see the *4400 User's Manual* (Part No. 058607). The following message should appear on the configuration test label:

I/O Option Card: Centronix

