UB-P02II User's Manual

EMC and Safety Standards Applied

Product Name: UB-P02II
Model Name:M112D

The following standards are also applied only to the units that are so labeled. (EMC is tested using the EPSON power suppliers and TM series printer.)

Europe:	CE marking
North America:	EMI: FCC/ICES-003 Class A
Japan:	EMC: VCCI Class A
Oceania:	EMC: AS/NZS 3548/CISPR22 Class B

WARNING
The connection of a non-shielded printer interface cable to this board will invalidate the EMC standards of this device. You are cautioned that changes or modifications not expressly approved by SEIKO EPSON Corporation could void your authority to operate the equipment.

CE Marking
The board conforms to the following Directives and Norms:
Directive 89/336/EEC
 EN 55022 Class B
 EN 55024
  IEC 61000-4-2
  IEC 61000-4-3
  IEC 61000-4-4
  IEC 61000-4-5
  IEC 61000-4-6
  IEC 61000-4-11

**FCC Compliance Statement
For American Users**

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

FOR CANADIAN USERS

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de Classe A est conforme à la norme canadienne ICES-003.

Introduction

This manual describes how to replace the interface board on TM series printers designed for the UB-P02II. You must check the printer settings after replacing the interface board. See the documentation that came with the printer for information about the settings.

> When you use the UB-P02II, note that you will not be able to use the display module (customer display) connector of the printer.

About The Symbol In This Manual

⚠ *CAUTION:*

Cautions must be observed to avoid minor injury to yourself or damage to your equipment.

Precautions

⚠ *CAUTIONS:*

● *Disconnect the power supply from the printer before you remove the interface board; otherwise you may damage the interface board and the printer. You must disconnect the power supply because the electrical current is flowing in some parts of the printer circuit even when the power switch is turned off.*

● *Wear a grounded wrist strap when handling the interface board to prevent damage from static electricity.*

● *To avoid contamination, do not touch the board connector.*

Unpacking

Make sure you have these items:

- ❏ UB-P02II
- ❏ This manual

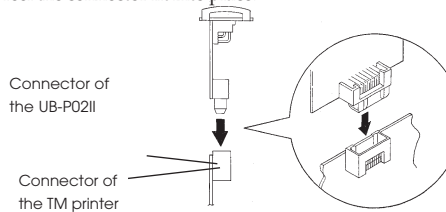## Procedure

1 Removing the interface board from the printer

Remove the two screws that securing the interface board; then pull the board to remove it. You will use the screws when installing the UB-P02II.

⚠ *CAUTION:*

Put the removed interface board into an anti-static bag for storage to prevent damage from static electricity.

2 Installing the interface board enclosed in the package

Hold the UB-P02II as shown in the illustration below. Push the UB-P02II in gently until you feel the connector fit into place.

Connector of
the UB-P02II

Connector of
the TM printer

3 Securing the UB-P02II

Secure the UB-P02II with the two screws.

4 Setting the printer settings

Change the printer settings to match the printer to the new interface.

See the parallel interface settings described in the printer documentation for the settings.

Make sure you set the printer settings. Otherwise the printer may not work correctly.

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