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SIEMENS Person Machine Interface Downgrade Software Instructions

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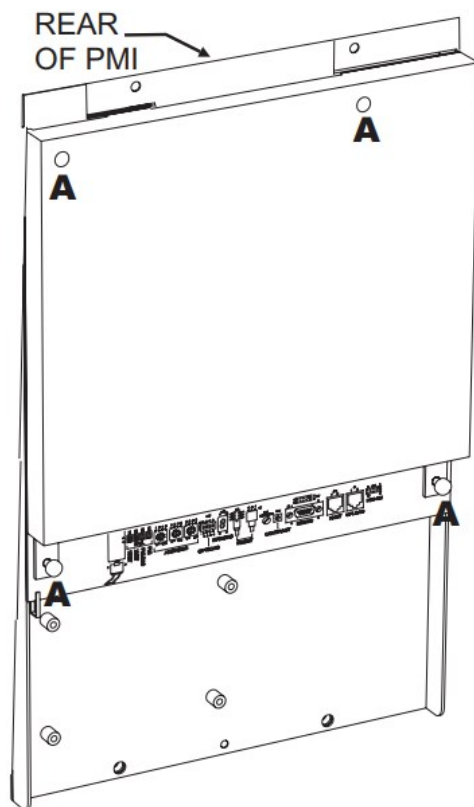**Contents**

PMI Downgrade Instructions

NOTE ☞ This PMI contains Revision 5 or later PMI firmware. This document describes procedures to downgrade a SIEMENS Revision 5 or later PMI to a Revision 2, 3 or 4 PMI.

REPLACEMENT PMI If this PMI is intended to be used as a hardware replacement for a Revision 2, 3, or 4 PMI follow the steps below:

WARNING Remove all system power before installation, first battery then AC. (To power up, connect the AC first, then the battery.)

REAR OF PMI

1. Remove the battery connection to the system, then the power connectionto the system, then all other connections to the PMI.
2. Remove the rear plastic cover from the PMI. It is held in place by four mounting screws. The location of the screws is marked A in Figure 1. Place the screws to one side.

Removing The PCMCIA Card:

1. Locate the PCMCIA card (P4) in the upper right corner of the rear of the PMI. (Refer to Figure 2.)
2. Carefully remove the PCMCIA card and retain for possible future use.

Swapping The PMI BootROM IC:

⚠ WARNING The Boot ROM is a static sensitive device. Observe precautions for handling static sensitive devices.

1. Locate the IC on the new PMI (U6 – Refer to Figure 2.) The IC has a label attached to the top surface that indicates the IC number and the software revision currently installed. Be sure to note the position of the notch in one corner of the IC.
2. Remove the IC from the new PMI using a PLCC extraction tool. If you do not have this tool, order Model PMI-Tool, P/N 500-634781.

⚠ WARNING Do not attempt to use any other type of tool. Damage to the socket can result.
3. Remove the IC from the old PMI using the PLCC extraction tool. Place this chip loosely into the socket of the new PMI. Press it firmly into place by applying pressure in the center of the Boot ROM. Once fully seated, the Boot ROM will be flush with the top of the socket.
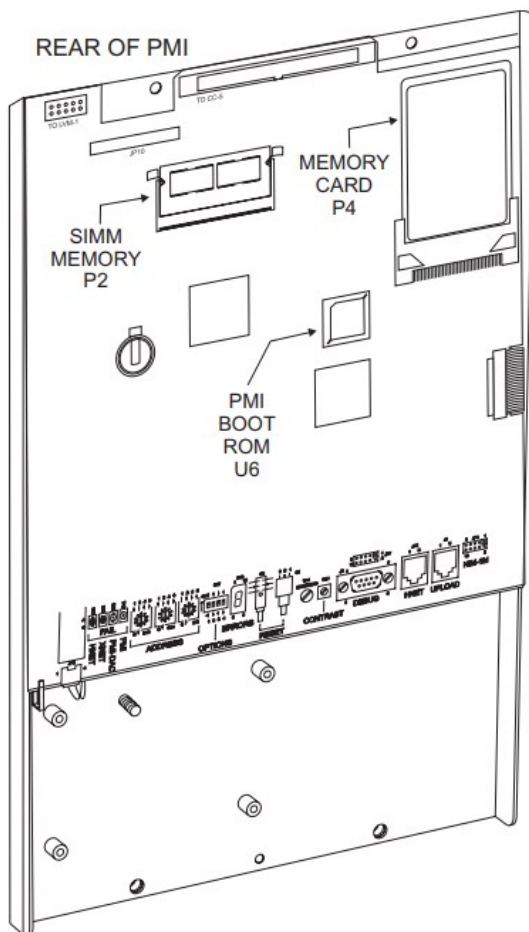
Swapping The SIMM Chip:

⚠️ **WARNING** The SIMM is a static sensitive device. Observe precautions for handling static sensitive devices.

1. Locate the SIMM at P2 on the new PMI. (Refer to Figure 2.) Note its position and orientation.
2. Push the metal retaining clips on either side of the SIMM to release the chip and slide it up to remove it. Save this SIMM for possible future use.
3. Remove the SIMM from the old PMI and insert it into the new PMI evenly, ensuring that the metal clips set into the notches in the corners of the chip.

NEW INSTALLATION

If this is a new installation and PMI Revision 2, 3 or 4 firmware is desired you must order PMI-UK1 to downgrade this PMI hardware before installation. Follow the Installation Instructions,P/N 315-034780-2 or later, that are included with the kit.

REAR OF PMI

MEMORY CARD P4

SIMM MEMORY P2

PMI BOOT ROM U6

Documents / Resources

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Person Machine Interface Downgrade Software, Downgrade Software, Software

References

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