



To all our customers

Regarding the change of names mentioned in the document, such as Mitsubishi Electric and Mitsubishi XX, to Renesas Technology Corp.

The semiconductor operations of Hitachi and Mitsubishi Electric were transferred to Renesas Technology Corporation on April 1st 2003. These operations include microcomputer, logic, analog and discrete devices, and memory chips other than DRAMs (flash memory, SRAMs etc.) Accordingly, although Mitsubishi Electric, Mitsubishi Electric Corporation, Mitsubishi Semiconductors, and other Mitsubishi brand names are mentioned in the document, these names have in fact all been changed to Renesas Technology Corp. Thank you for your understanding. Except for our corporate trademark, logo and corporate statement, no changes whatsoever have been made to the contents of the document, and these changes do not constitute any alteration to the contents of the document itself.

Note : Mitsubishi Electric will continue the business operations of high frequency & optical devices and power devices.

Renesas Technology Corp.
Customer Support Dept.
April 1, 2003

Board Replacement Manual for Emulation Probe M3062PT-EPB

For An ES Product:

1. Parts Shipped by Us

- (1) An M3062PT-EPBM Board (REV. D)
- (2) Six RGLD8X513J Resistor Arrays (eight 51-k Ω resistors each)

2. Part to Be Sent Back to Us

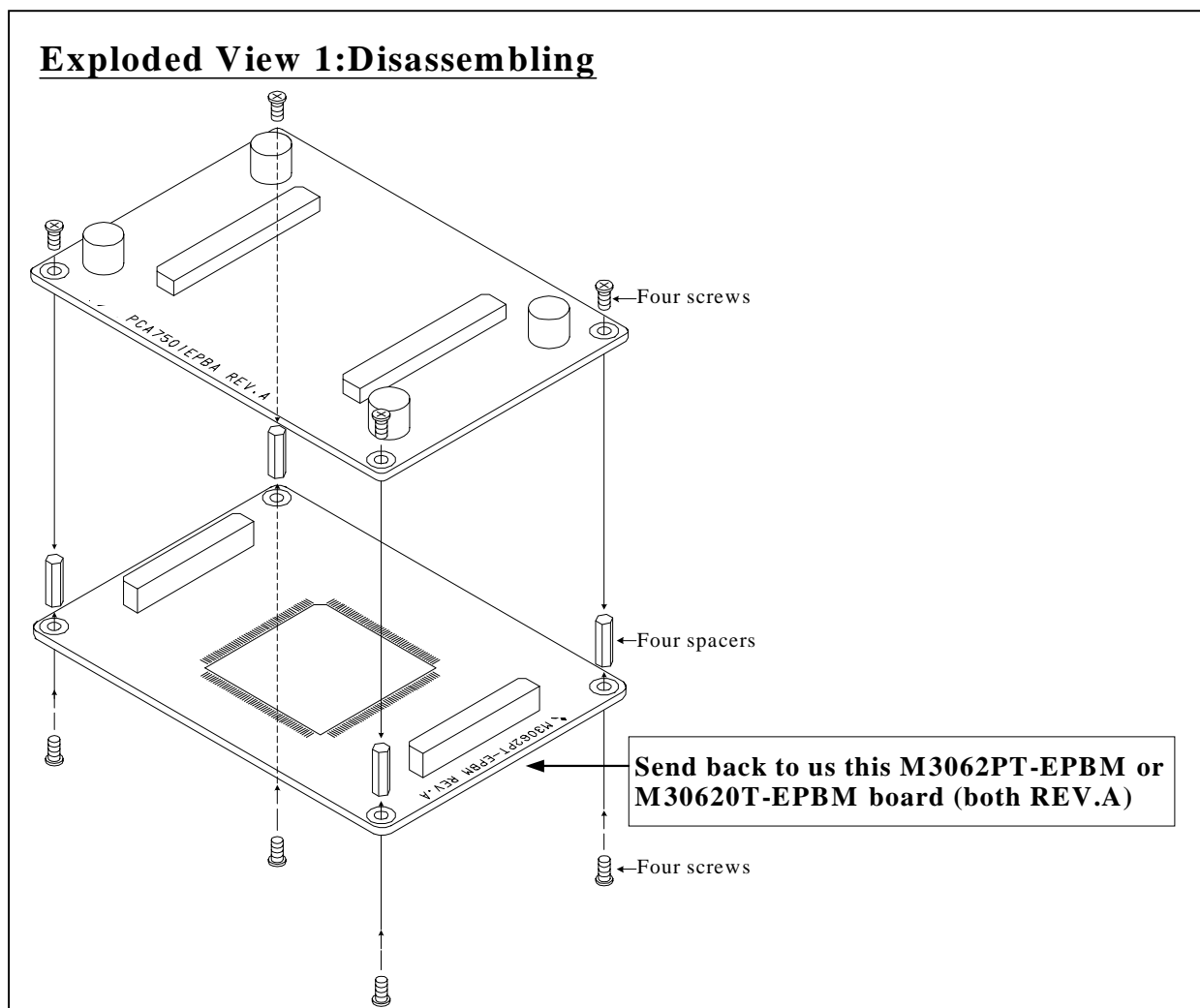
- (1) An M3062PT-EPBM Board (REV. A) or an M30620T-EPBM Board (REV. A)

3. Replacement Procedure

Replace the current M3062PT-EPBM or M30620T-EPBM board with the new M3062PT-EPBM (REV. D) by disassembling and re-assembling your emulation probe as follows.

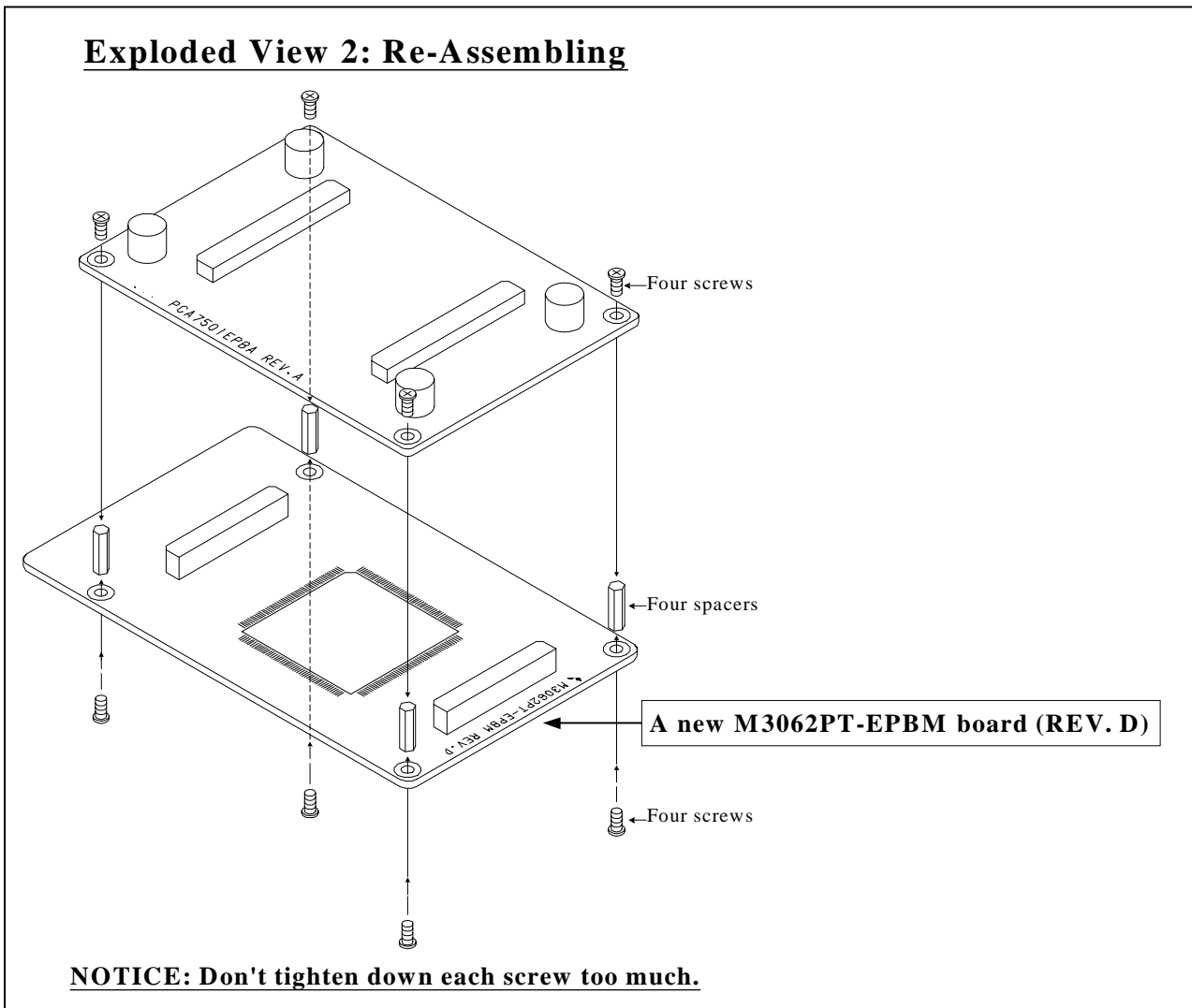
3.1 Disassembling

Disassemble your M3062PT-EPB emulation probe as illustrated in Exploded View 1 below.
Sure to send back to us the part mentioned in 2 above after replacement.



3.2 Re-Assembling

Re-assemble the new emulation probe as illustrated in Exploded View 2 below.



4. How to Use the Re-Assembled (Upgraded) Product

4.1 For details of the upgraded emulation probe, refer to the second edition of the User's Manual of the M3062PT-EPB.

This manual can be downloaded from our tool home page at:

http://www.tool-spt.maec.co.jp/hardware/m16c_e/index.htm

4.2 If you need to use resistor arrays to pull up emulation ports, mount them on the M3062PT-EPBM.

For information on how to mount resistor arrays, as well as to use them, see Section 3.4

"Pullup of Emulation Ports" in the manual mentioned above.

For a Specific Product:

1. Part Shipped by Us

- (1) An M3062PT-EPBM Board (REV. D)

2. Parts to Be Sent Back to Us

- (1) An M3062PT-EPBM Board (REV. B) or an M3062PT-EPBM Board (REV. C)
- (2) An M3062PT-EPBD Board (REV. A)
- (3) Four Type-B spacers

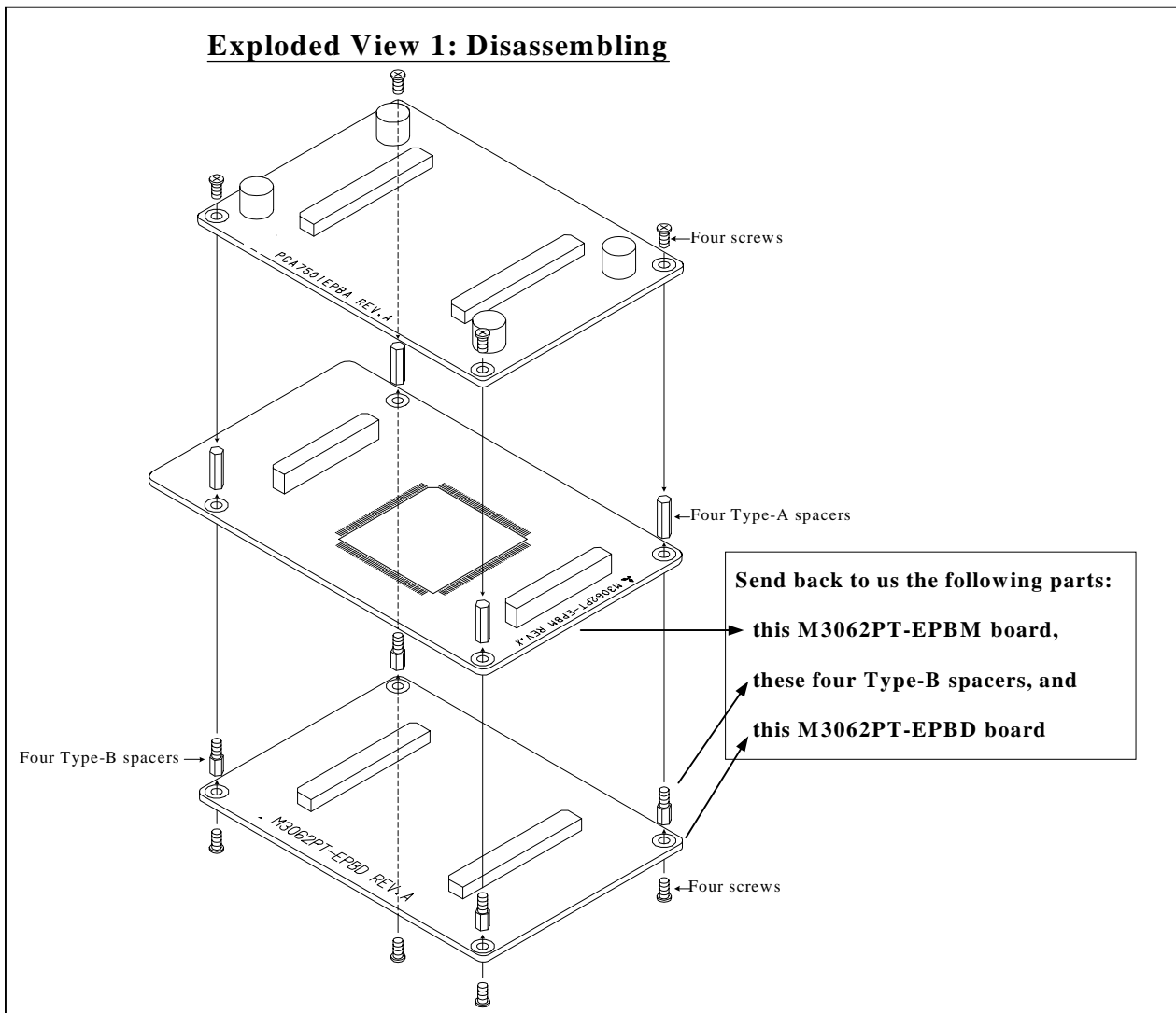
3. Replacement Procedure

Replace the current M3062PT-EPBM board (REV.B or C) with the new one (REV. D) by disassembling and re-assembling your emulation probe as follows.

3.1 Disassembling

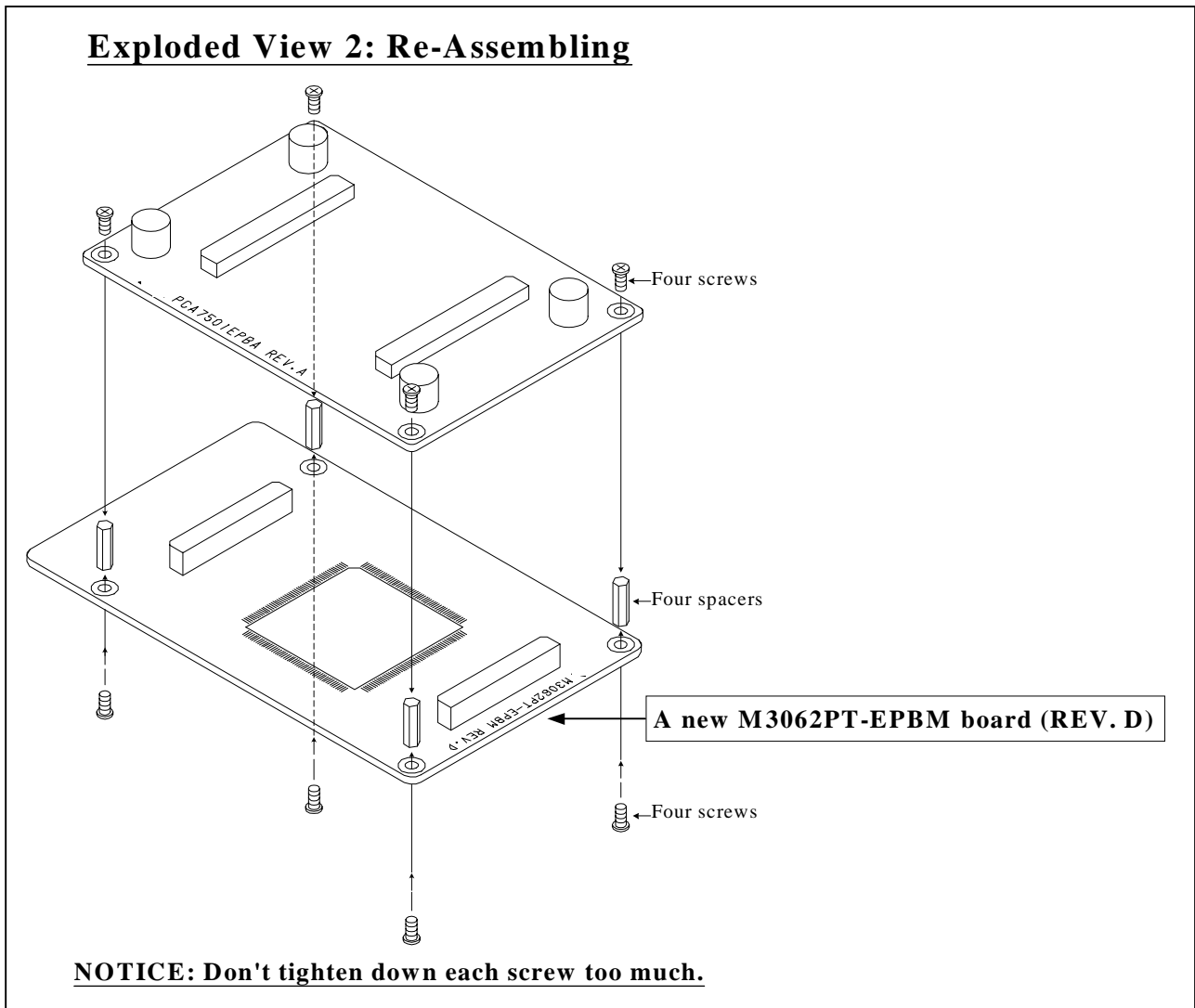
Disassemble your M3062PT-EPB emulation probe as illustrated in Exploded View 1 below.

Sure to send back to us the parts mentioned in 2 above after replacement.



3.2 Re-Assembling

Re-assemble the new emulation probe as illustrated in Exploded View 2 below.



4. How to Use the Re-Assembled (Upgraded) Product

- 4.1 For details of the upgraded emulation probe, refer to the second edition of the User's Manual of the M3062PT-EPB. This manual can be downloaded from our tool home page at:
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