

MAGELIS iPC

How to disassemble the modules

How to install a memory extension card

How to install an extension card

Merlin Gerin

Modicon

Square D

Telemecanique



The foundation concepts

Modular product architecture

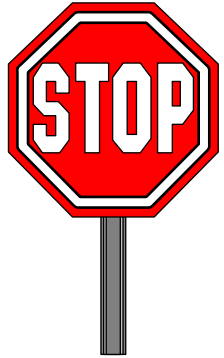
Power supply, CPU, CDRROM, expansion slots



Control-Box

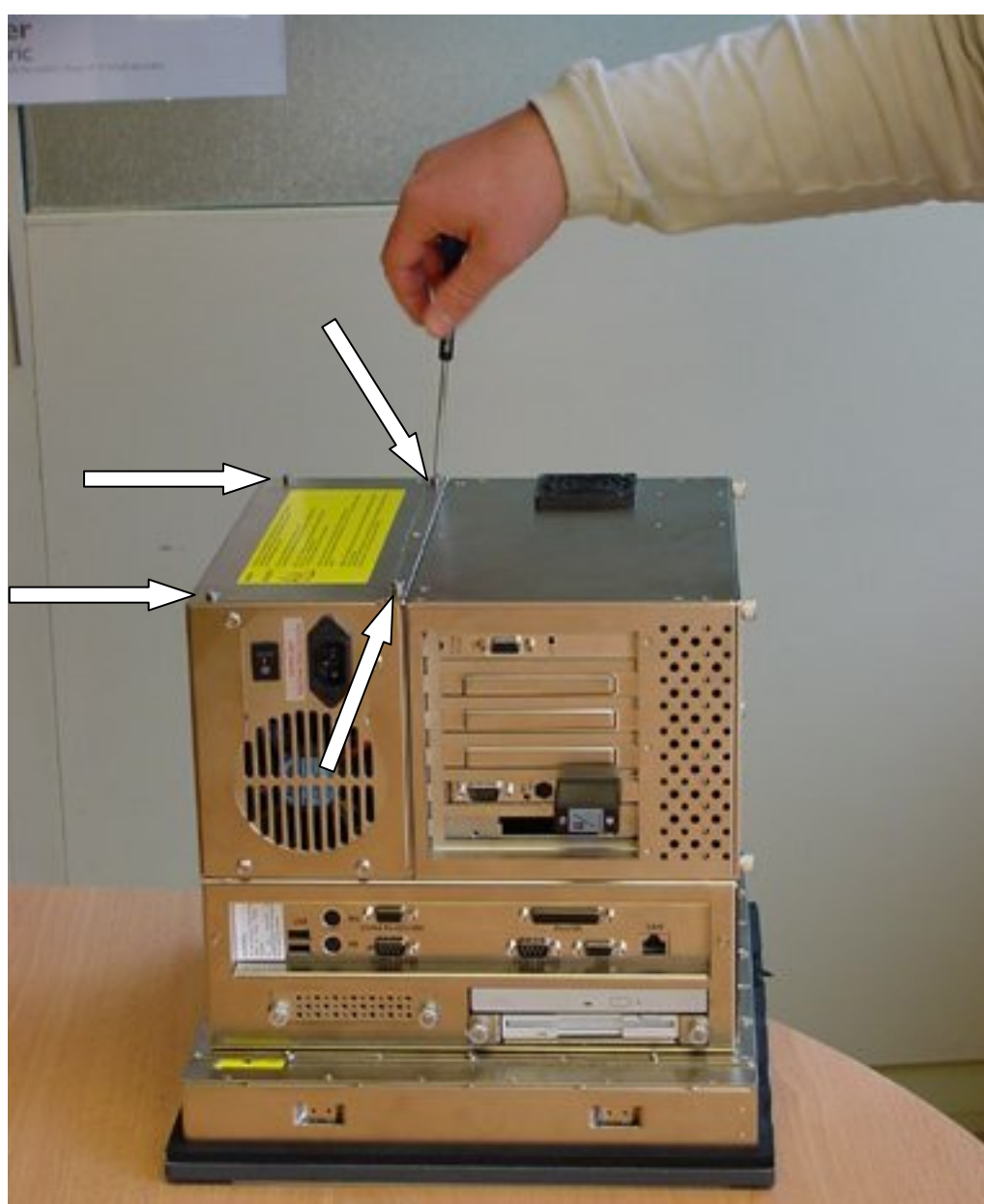






First
disconnect
the
supply
lead

How to replace the power supply module



Unscrew the
four
fastening
screws at the
rear of the
control box
using a
cross-slot
screwdriver

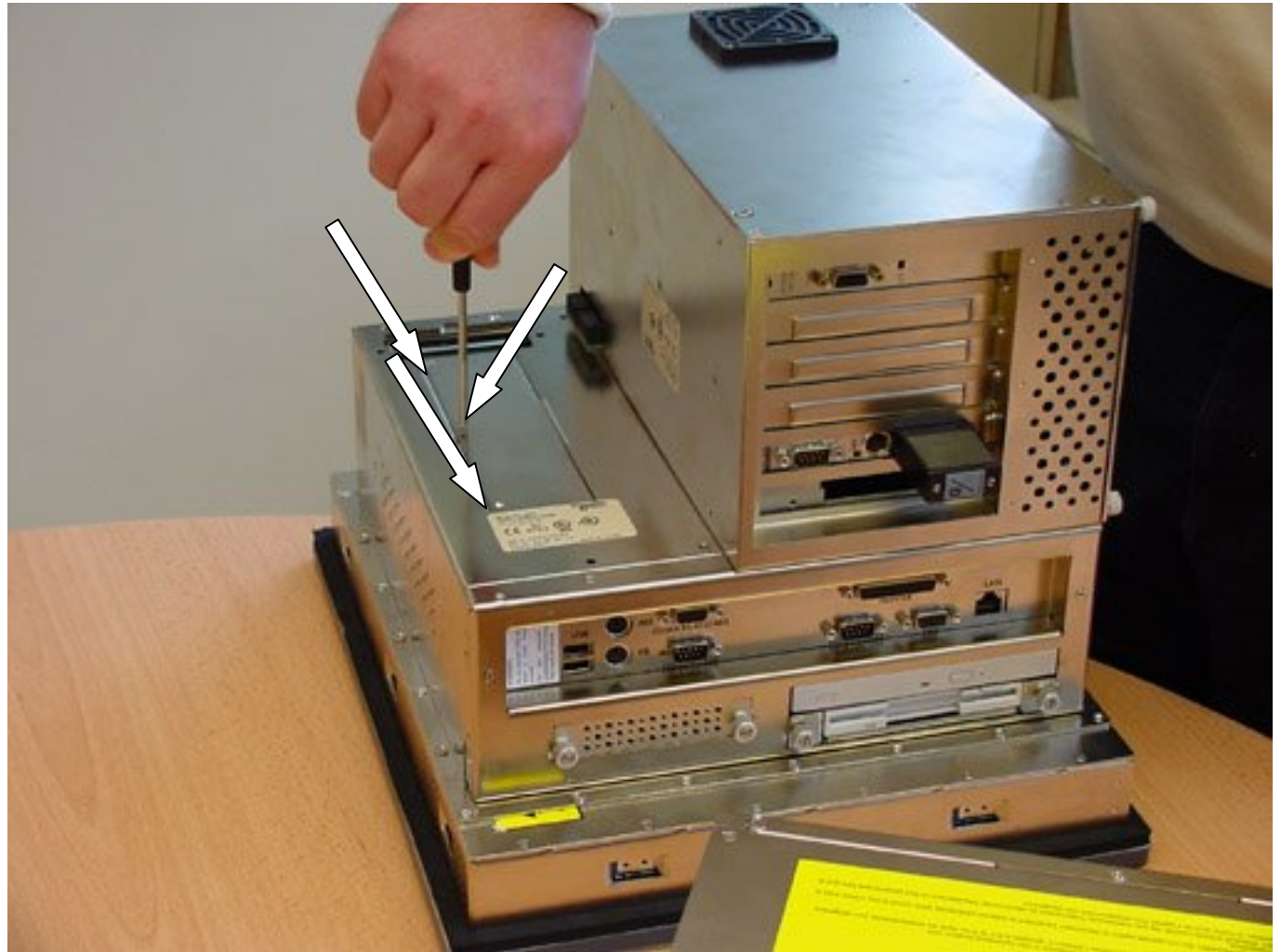


Remove the power supply module

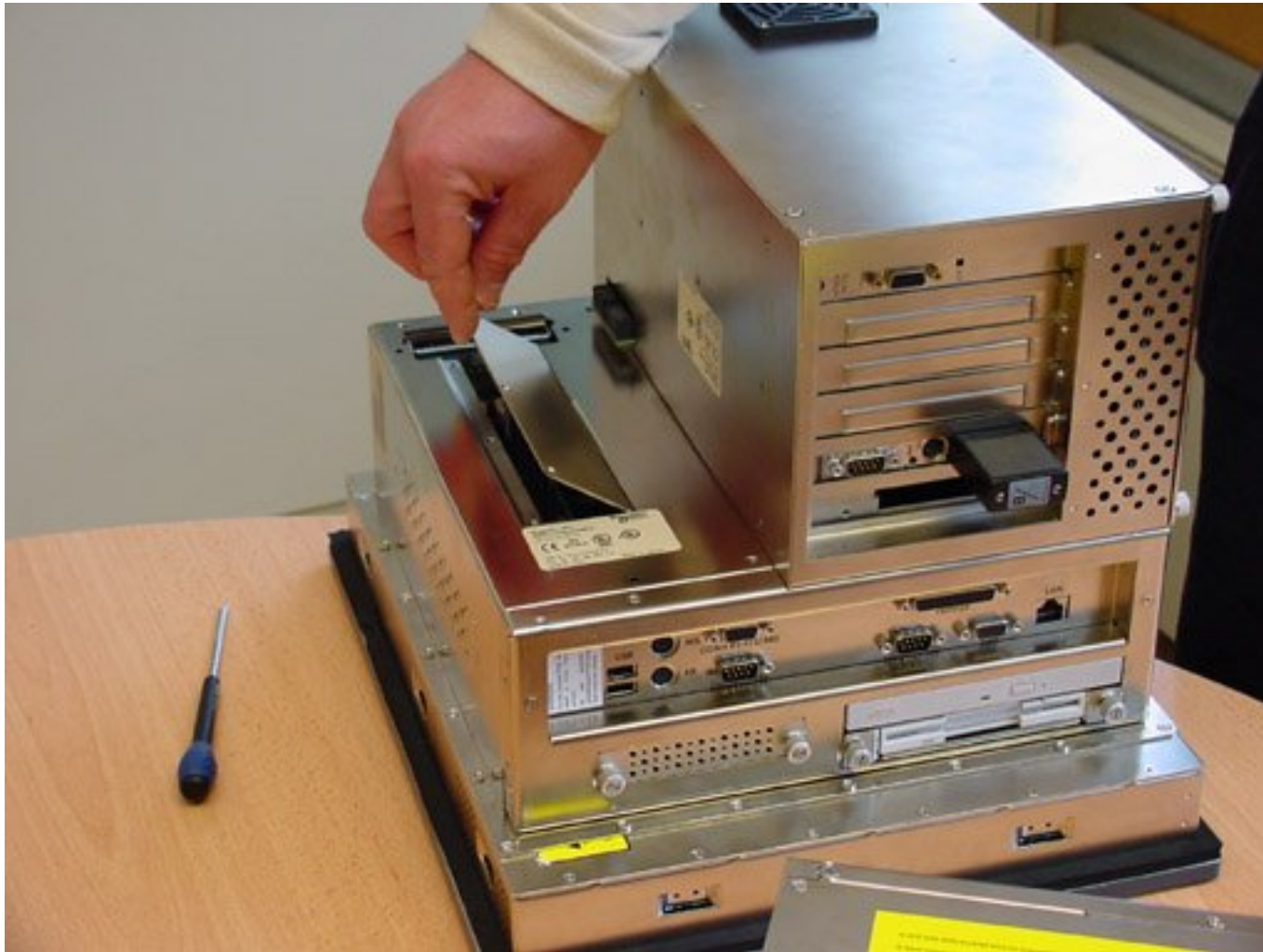


Unscrew the three cross-slot screws of the cover located at the rear of the control box

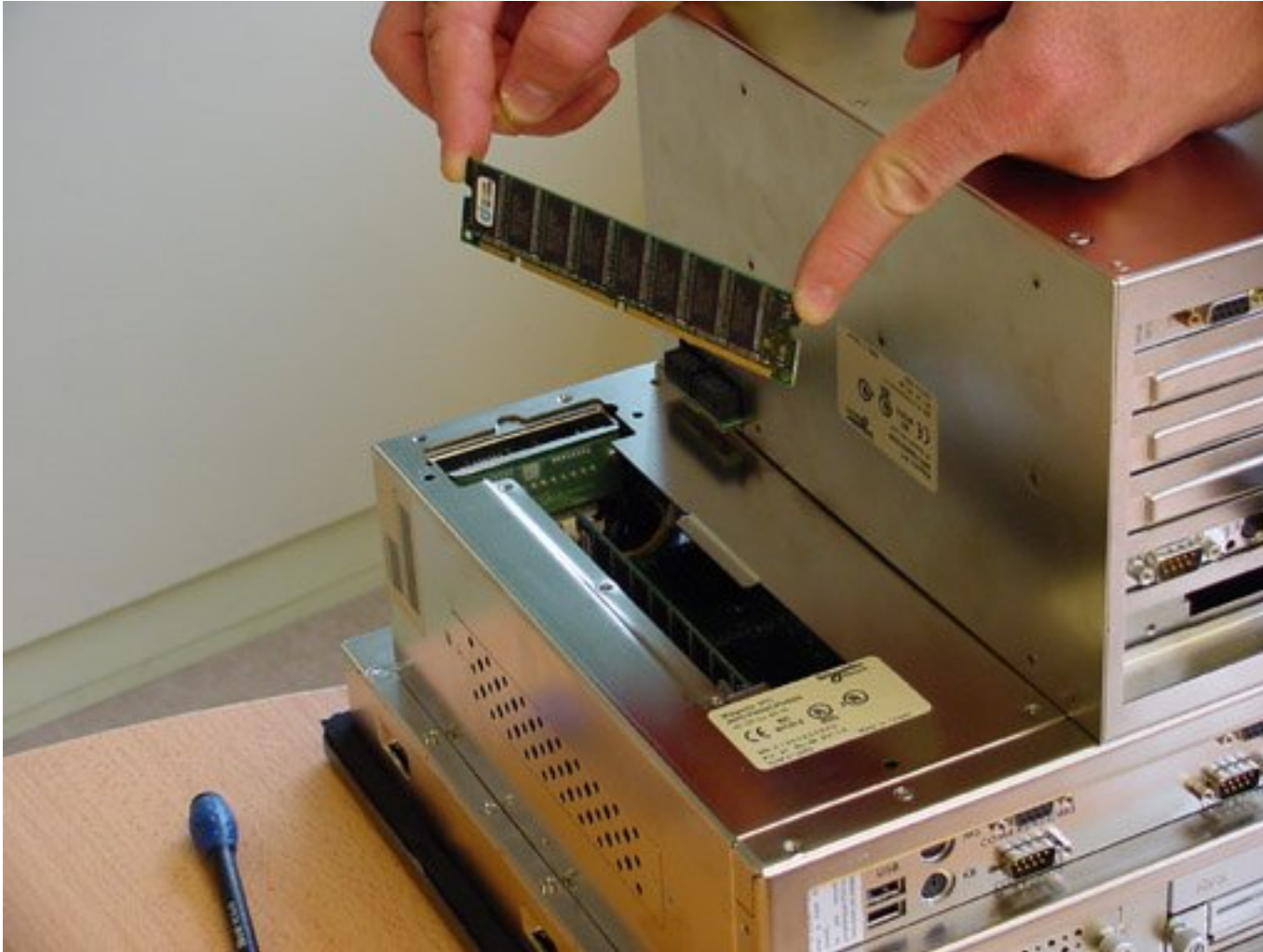
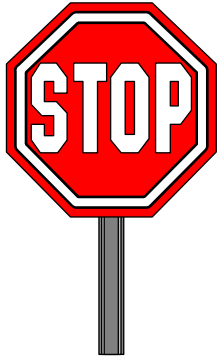
How to add memory



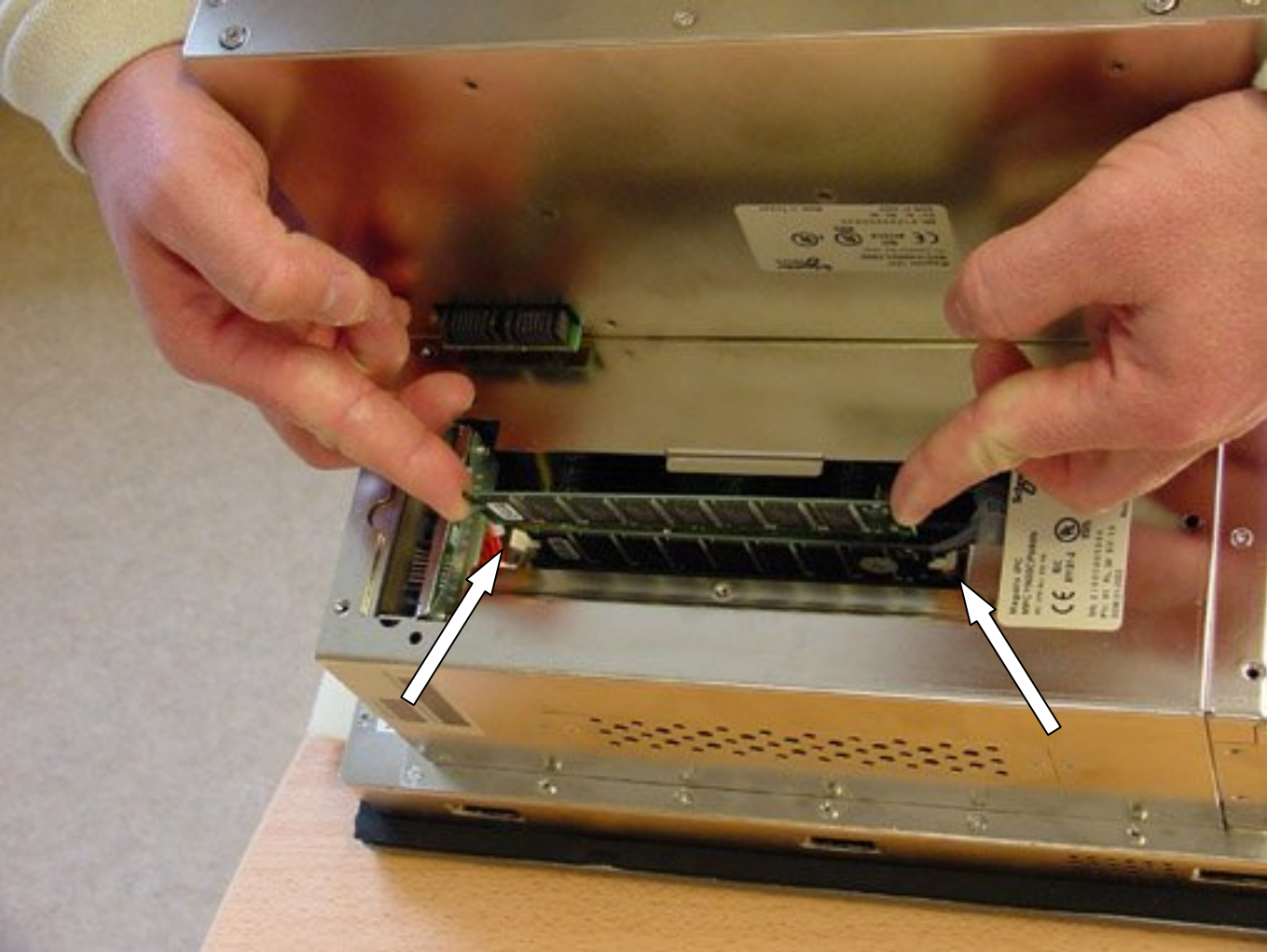
Remove the cover of the memory slot hatch



Static electricity may destroy electronic components ! Always handle cards by the edges, without touching the components or the conducting tracks



Insert a memory extension card in a free slot, ensuring proper direction of insertion, then secure the card in its slot by folding inwards the plastic fastening tabs located at each end



Replace the rear cover by tightening the tree cross-slot screws

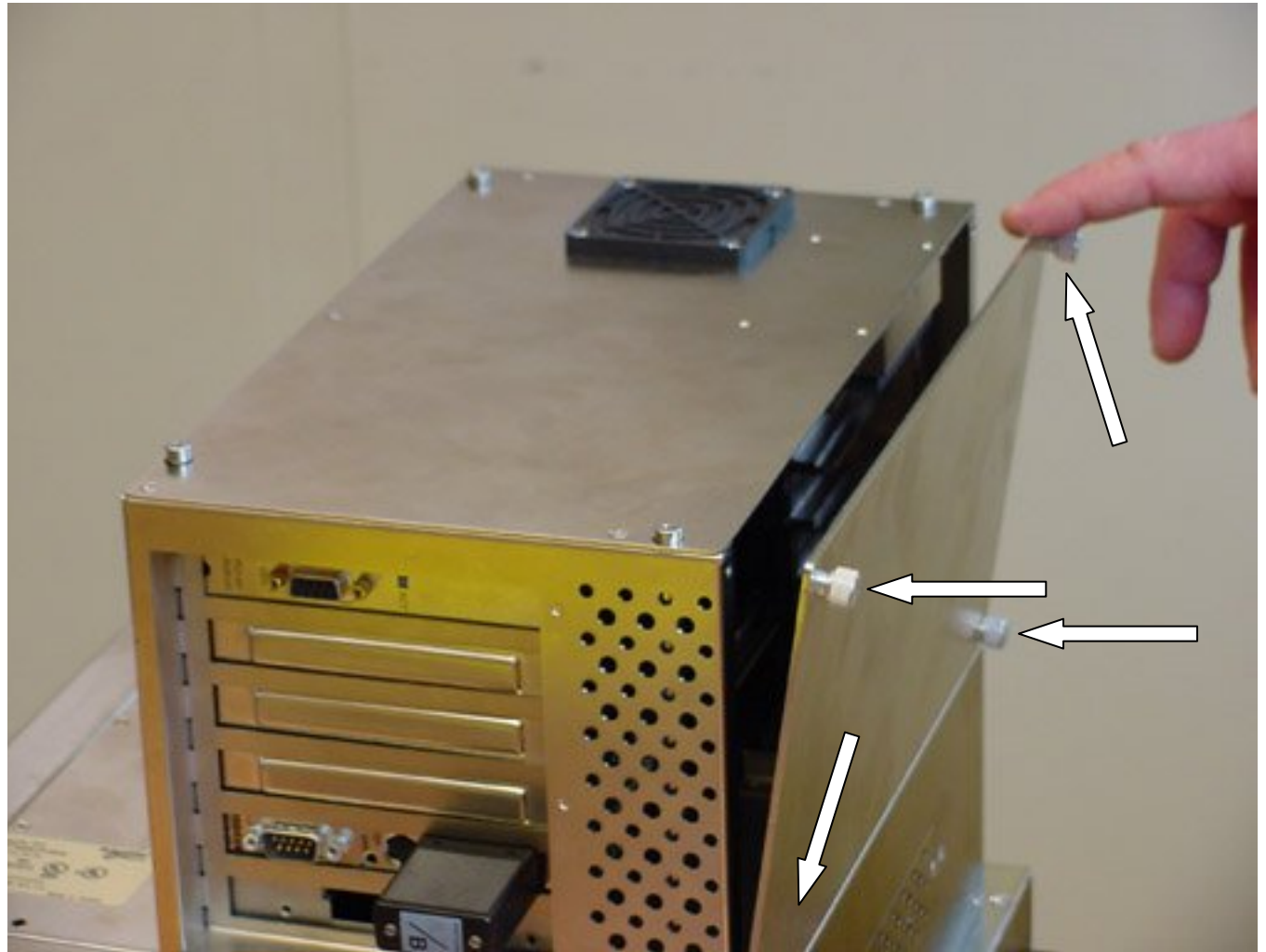


If needed, you can also disassemble the extension box
Unscrew the four fastening screws using a cross-slot screwdriver



Unscrew the four knurled screws in order to remove the cover

How to
insert or
remove
extension
cards



Now, you can access to the extensions cards

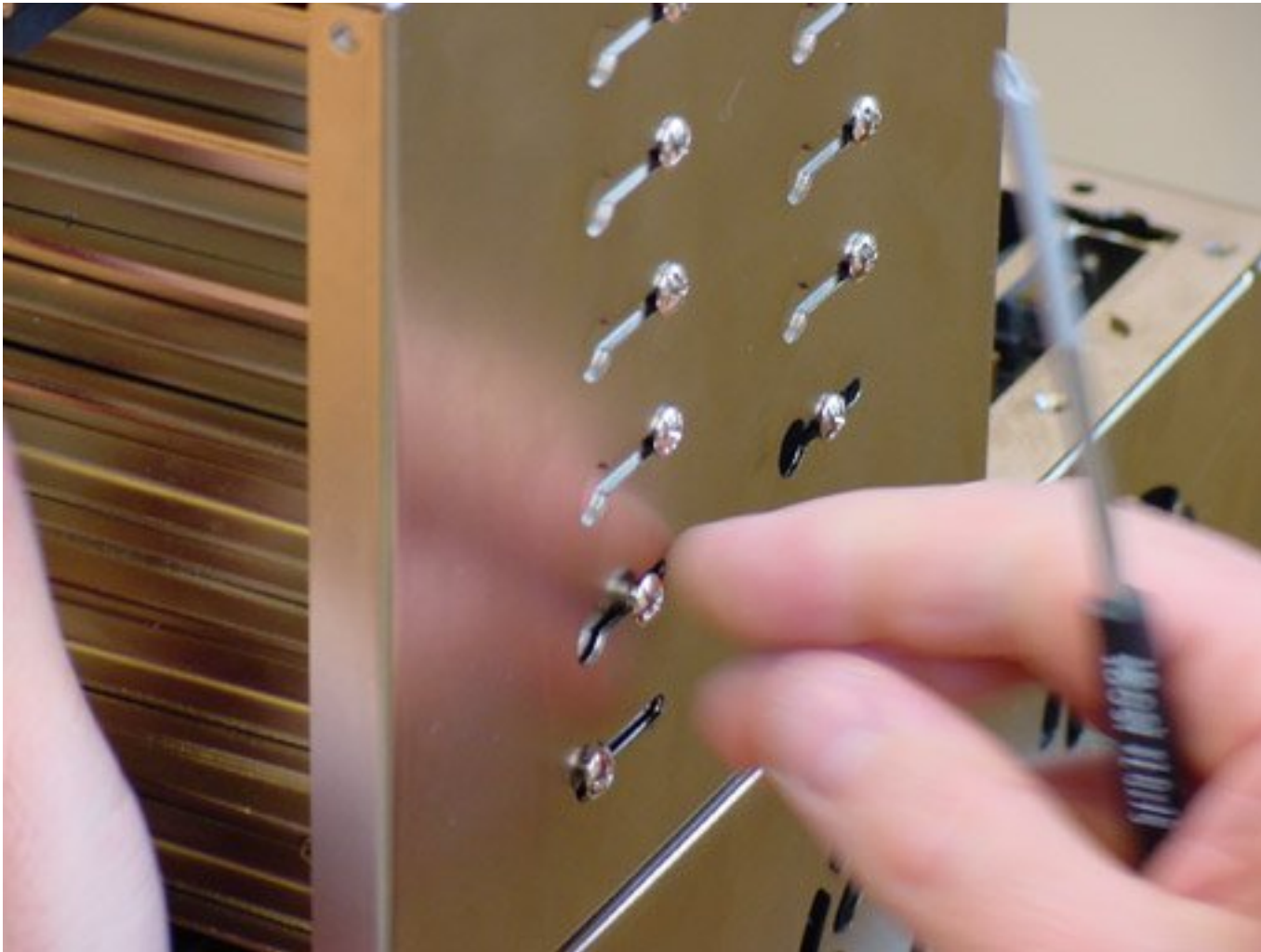
In this example, do not forget to unplug the Bus X adapter first



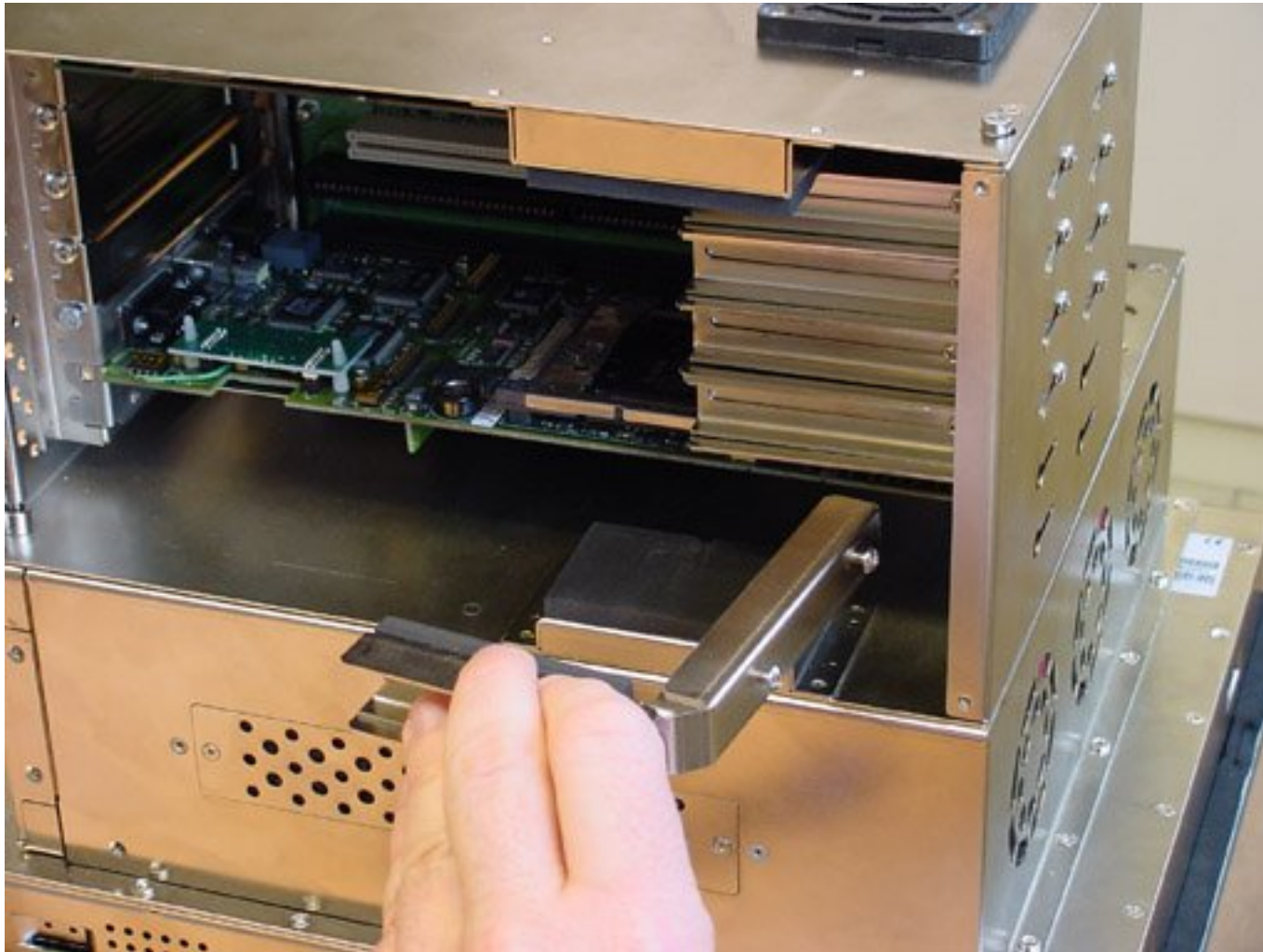
Unscrew the cable plates crew and the two fastening screws from the extension card retaining bracket that correspond to the selected slot



Release the screws from the oblongs



Remove the brackets



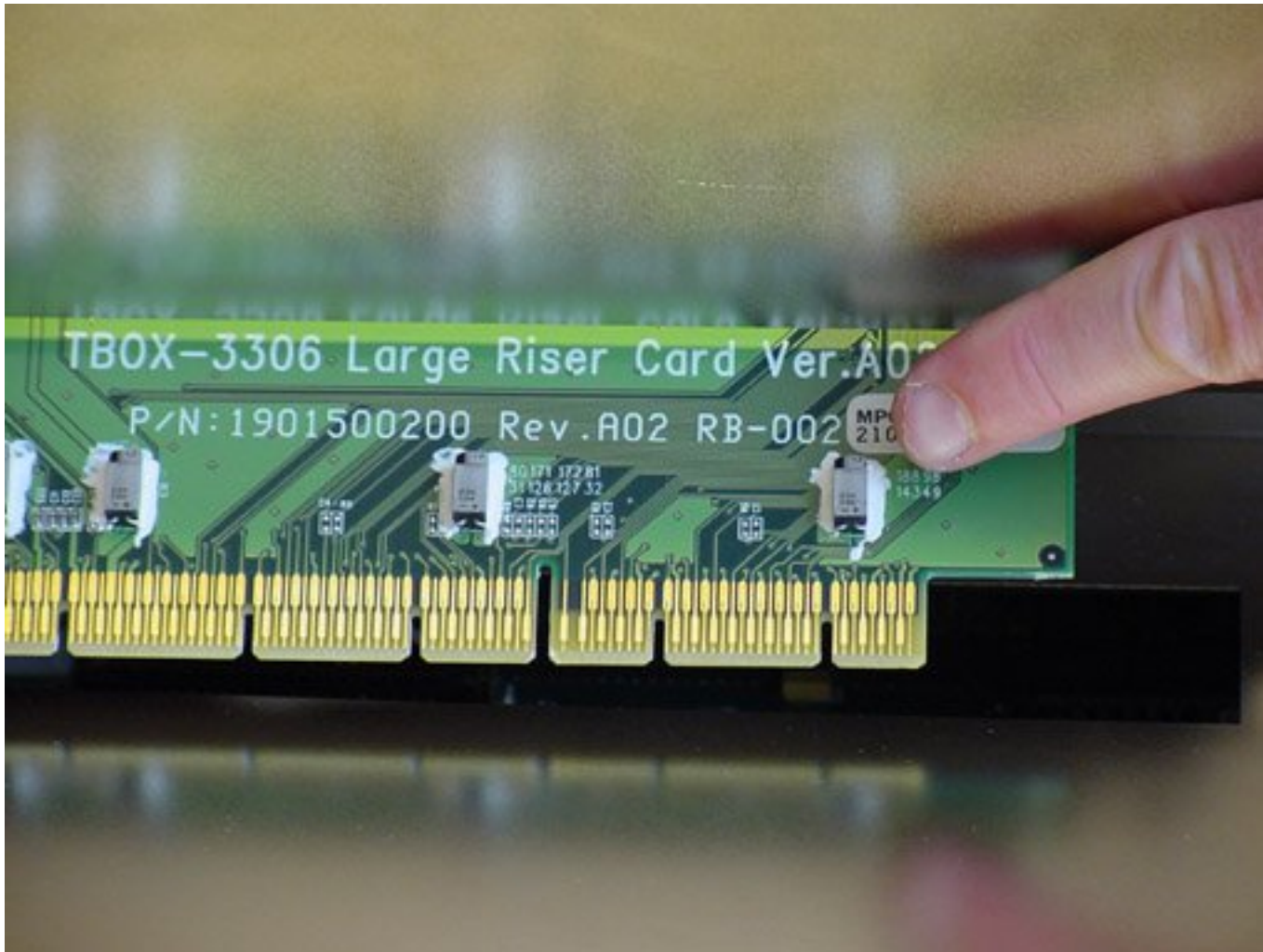
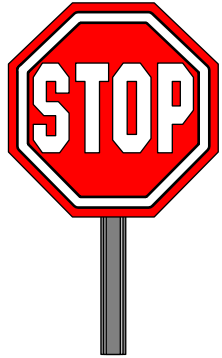
Now, you can insert or remove an extension card



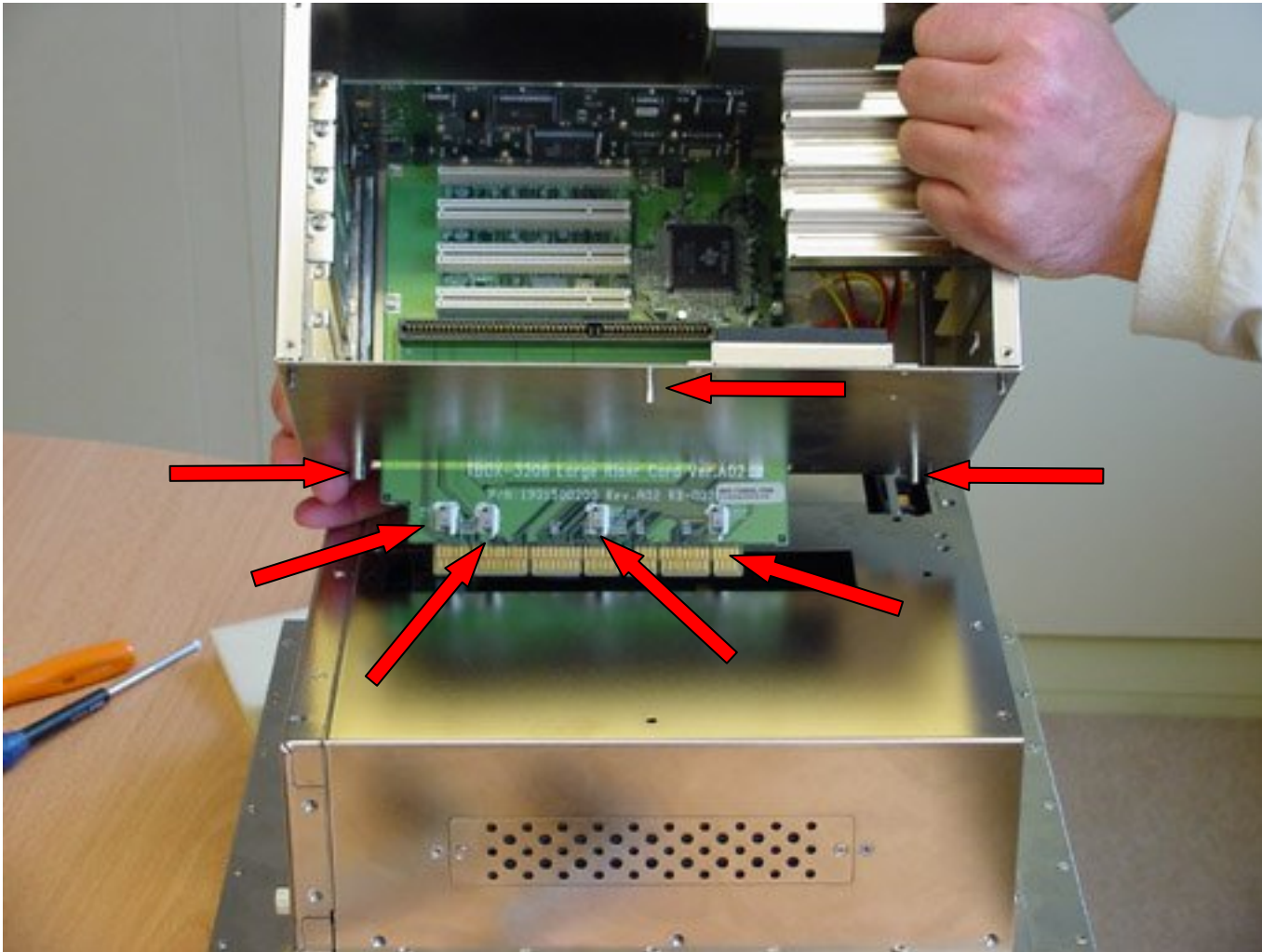
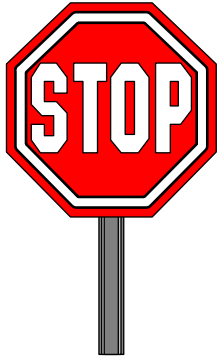
If needed, you can remove the extension box



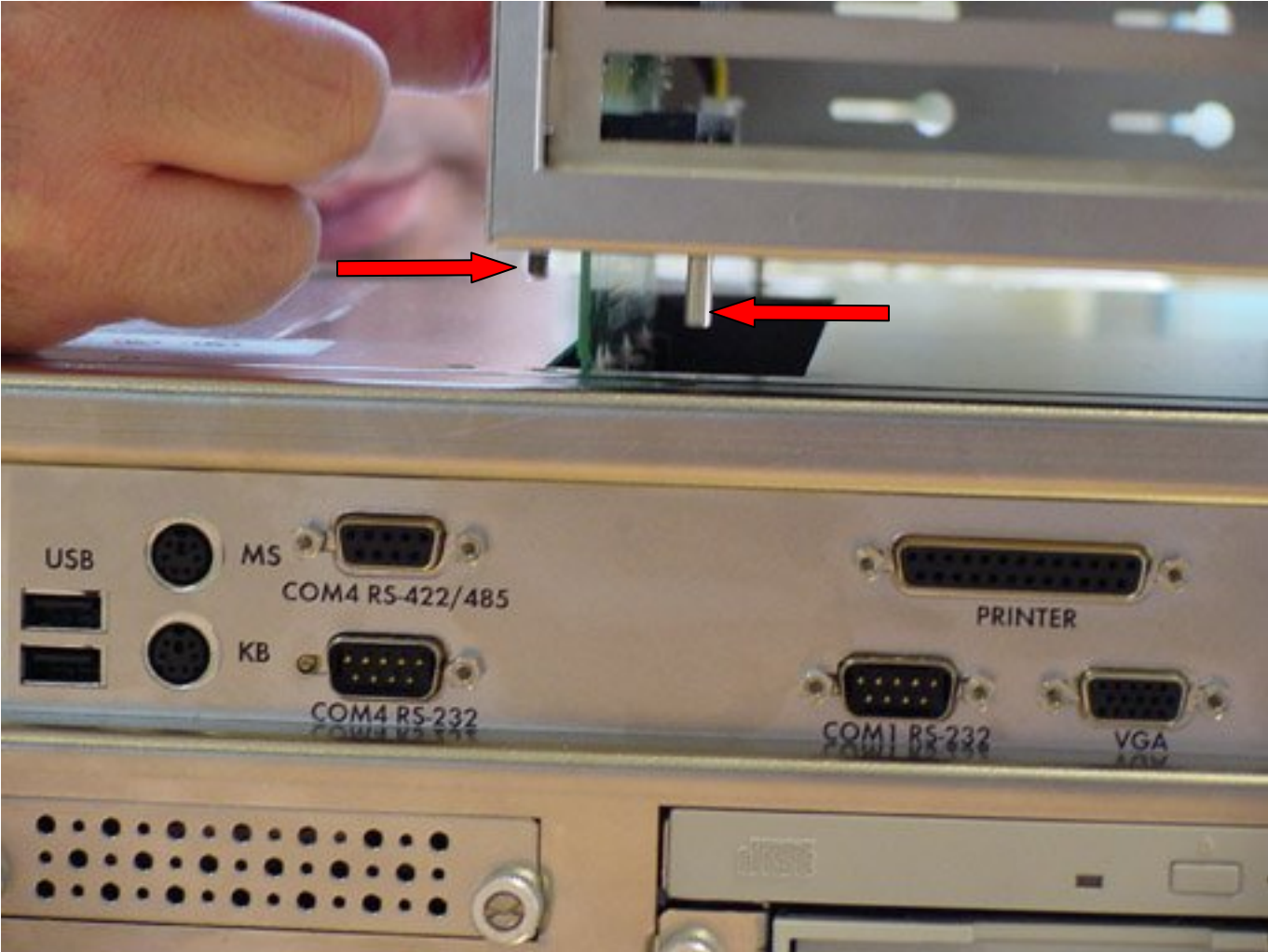
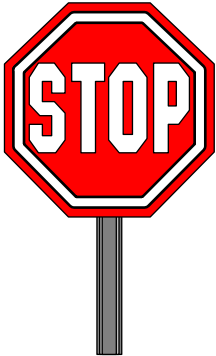
Take care of the capacitors on the layer !



Take care of the capacitors on the layer !
And use the alignment studs to correctly position the box



When the box is correctly positioned, you can plug it



To reassemble
the modules,
perform the
operations in the
reverse order
using the
alignment studs