# Power Macintosh 7200 & 7500 Series:How To Remove EMI Clip (1/96)

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TOPIC -----

Recently, I removed the main logic board from the bottom housing assembly of the Power Macintosh 7200 (or a Power Macintosh 7500). I noticed a clip on the I/O corner of the main logic board.

1) What is the function of the EMI clip?
2) When do I remove the EMI clip from the logic board?
3) What is the procedure to properly reseat the EMI clip?
4) What are the consequences of not replacing the EMI clip during reassembly?

DISCUSSION -----

1) The EMI Clip attached to the I/O side of the main logic board provides a contact from the ISO shield to the chassis. The ISO shield extends around the perimeter of the logic board to have an equipotential chassis. The EMI clip comes into contact with both solder on the main logic board and the chassis beneath.

2) The EMI clip MUST be removed from the logic board once the logic board is taken out of the enclosure. Failure to remove the EMI clip could damage the logic board by shorting out a trace.

NOTICE TO SERVICE PROVIDERS:
The EMI clip MUST be removed from the logic board before returning the module to Apple to prevent shorting out of a trace during transit.

3) When reassembling the unit, snap the EMI clip onto the logic board. Apple recommends bending the EMI clip away from the logic board slightly so that the EMI clip reforms its snug contact with the chassis when reseated in the bottom assembly.

4) Failure to adhere to these precautions may:
a) cause irreparable damage to the main logic board; or
b) disturb the equipotential of the ISO shield and compromise the EMI

shielding.

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Support Information Services


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