

# Replacing the disk drive of a Sony HBD-30W

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## Warning:

The most important part in the computer is the printed circuit board (PCB). Parts can be replaced, but not the PCB. Do not try to unsolder the parts, but cut them loose and then remove the solder pins. The use of IC sockets is recommended.

Replacing the original disk drive with a new one is very simple. The replacement disk drive is approximately 1 cm lower than the original. A Sony HBD-30W was used for this description, but it is also applicable to other types of external disk drives, such as the Panasonic FS-FD1.



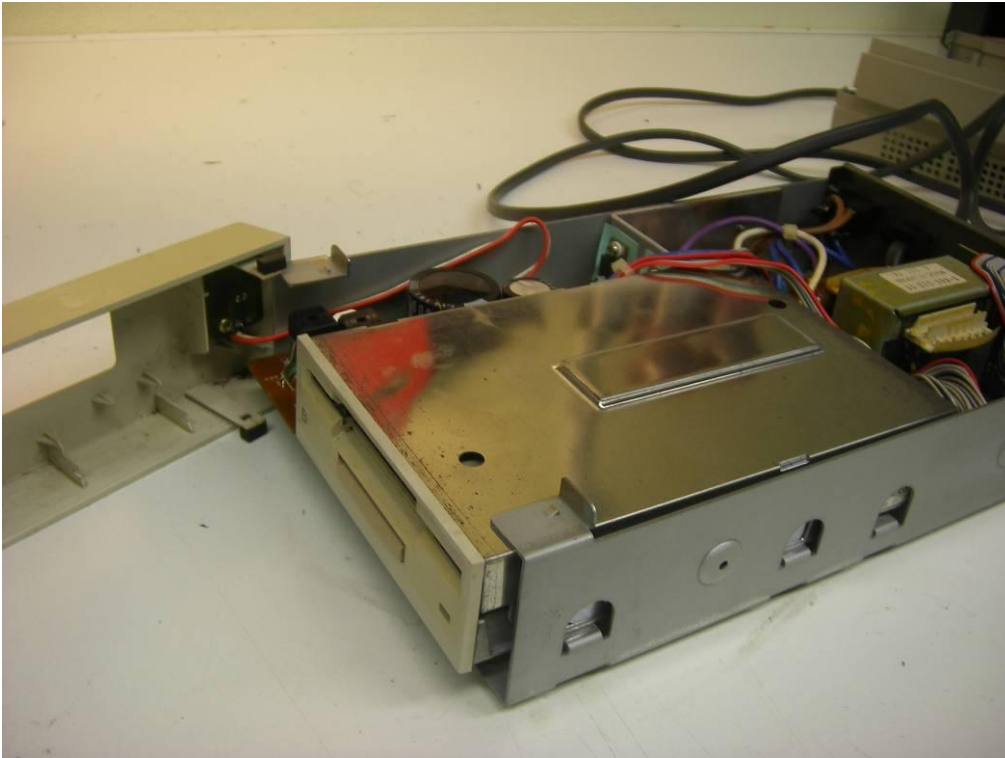
The Sony HBD-30W with the original disk drive.

## Requisites:

- Disk drive suitable for MSX and correctly configured as an A- or B-drive (depending on the application).

## Disassembly:

- Remove the cover.
- Remove the disk drive.



Removal of the old disk drive.

## Mounting the disk drive:

- Insert a new disk drive into the housing and use nuts or spacers of approximately 5 mm. You will also need longer bolts (M3) for this.
- The disk drive will be centered in the gap on the front of the housing.
- Reconnect the power connector.
- Reconnect the 34-pin connector, but rotate it 180°.



The new disk drive mounted on spacers.



The Sony HBD-30W with a new disk drive.