

Servicing the Amstrad CPC6128 Disk Drive

Introduction

The built-in disk drive of the Amstrad CPC6128 is a fairly robust (if non-standard) 3" system which is still very reliable some 25 years on. However, if you purchase or acquire a 6128 which has not been maintained it is very unlikely that the drive will function.

Fortunately, the problem is usually down to a perished drive belt, and/or dirty read/write head, and/or dried out lubrication of the worm drive which positions the head. More than likely it will be all three!

This paper sets out to guide the complete novice through servicing the drive and getting it back on its feet.

Items and Tools Required



- Cross head screwdriver
- Brush to clean out the dust and spiders
- Long nosed tweezers (or similar)
- Small pointed pliers (makes life easier)
- Cleaning buds / swabs
- Head cleaning fluid
- New drive Belt
- Vaseline or other light grease

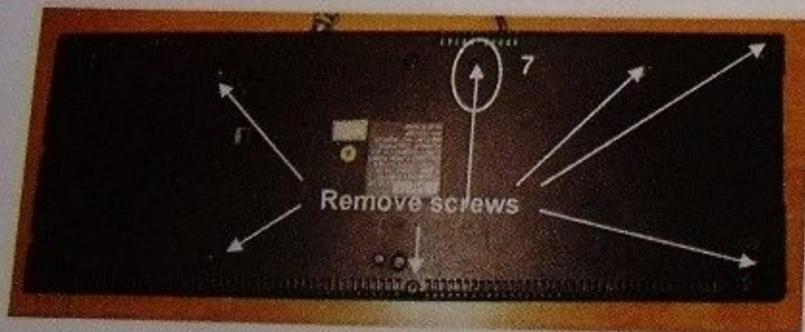
These are recommendations, other similar tools will do – only the proper belt is essential.

Service kits containing cleaning materials and drive belt for the CPC6128 are available from my website.

Opening the CPC6128 Case

Work on a table or workbench with plenty of space and good lighting. Lay a cloth over the table to protect it (if your partner is watching) and then place the CPC face up on the cloth.

Firstly, remove the two small screws on the right of the drive housing on the right hand side of the CPC case – don't lose them, they are difficult to find these days!



Now turn the CPC over so it is face down.

There are now six screws to remove from the base. On some models there is a 7th screw (marked) – if this screw is present, it is longer than the others – make sure it goes back in the same hole.

Carefully turn the CPC over again holding the top and bottom together to prevent them from falling apart.



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