

1581 INSTALLATION

Required tools:

- Phillips screwdriver
- IC extractor or small, flat-bladed screwdriver. Needed for removal of the stock DOS ROM on the 1581 circuit board. An IC extractor is recommended, but not necessary (the small screwdriver will suffice). However, if using a screwdriver, wrap a layer of tape around the tip to help prevent damage to the circuit board when prying.

Procedure:

1. If a disk is present in the 1581, remove it.
2. Make sure that the 1581 power switch and the power switch on your computer are OFF. Also make sure that any other peripherals attached to the serial bus are also switched OFF.
3. Unplug the 1581 power supply cord from its wall outlet.
4. Unplug all cables from the rear of the 1581, including the power supply cable and serial bus cable(s).
5. Turn the 1581 upside-down and remove the two screws from the bottom of the drive as indicated in Figure 1 below.

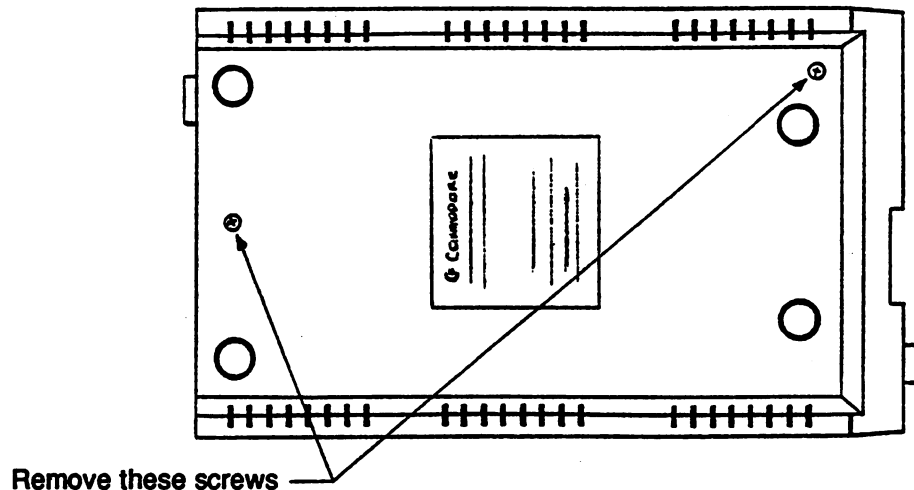


Figure 1 1581 CASE SCREW REMOVAL

6. Turn the 1581 right-side up and remove the top cover. Lift the rear portion of the cover upward first. This will allow the cover to be easily lifted off of its pivots at the front of the drive.

7. Remove the four screws holding the 1581 drive mechanism in place. Refer to Figure 2 below.

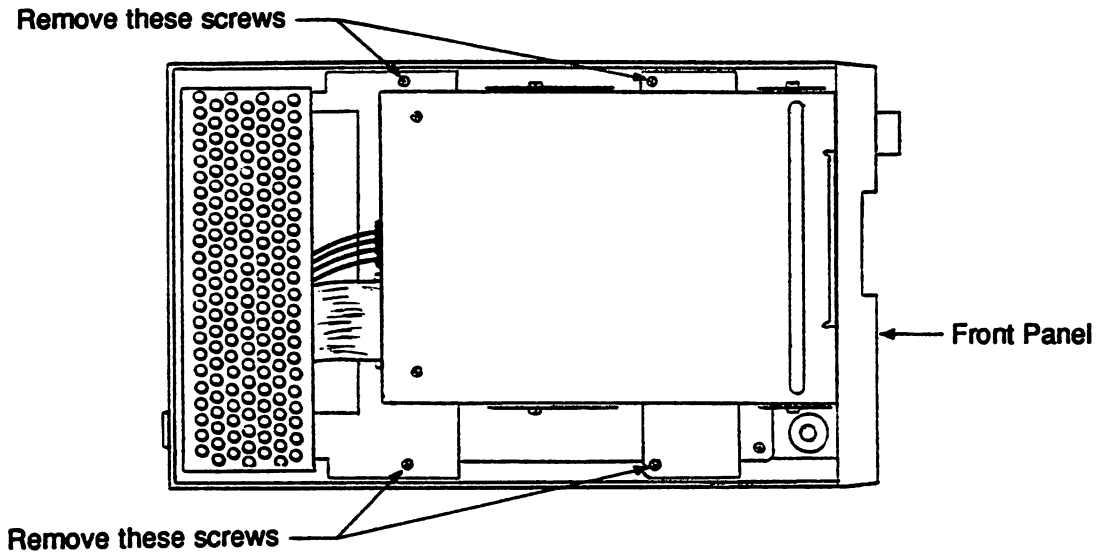


Figure 2 1581 DRIVE MECHANISM SCREW REMOVAL

8. Once the drive mechanism screws have been removed, separate the 1581 front panel (see Figure 2 above) from the drive casing.
9. Tilt the drive mechanism upward from the front of the disk drive. This will reveal the 1581 circuit board.
10. Locate the DOS ROM on the 1581 circuit board using the diagram in Figure 3 below.

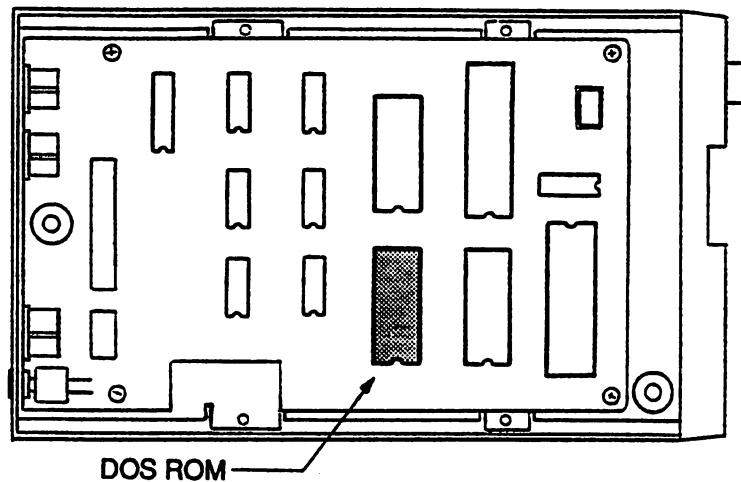


Figure 3 1581 DOS ROM LOCATION

11. Carefully remove the 1581 DOS ROM from its socket using the IC extractor or small, flat-bladed screwdriver. Alternate lifting the ROM from each end, raising it from its socket a little at a time. If using a screwdriver, take care not to damage the circuit board or any of the circuit board components while prying.
12. Remove the JiffyDOS ROM labeled 1581 from its packing (see Figure 4 below). Put the stock 1581 DOS ROM back into the packing for safe keeping.

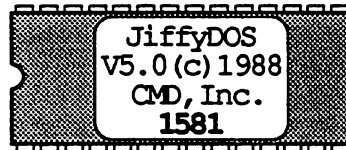


Figure 4 JIFFYDOS 1581 DOS ROM

13. Inspect the JiffyDOS 1581 ROM carefully. If you observe any bent pins, carefully straighten them with a pair of tweezers.
14. "Test fit" the JiffyDOS 1581 ROM on top of the empty DOS ROM socket.

VERY IMPORTANT

MAKE SURE THAT THE NOTCH ON THE JIFFYDOS ROM IS FACING THE LEFT SIDE OF THE DISK DRIVE AS SHOWN IN FIGURE 5 BELOW.

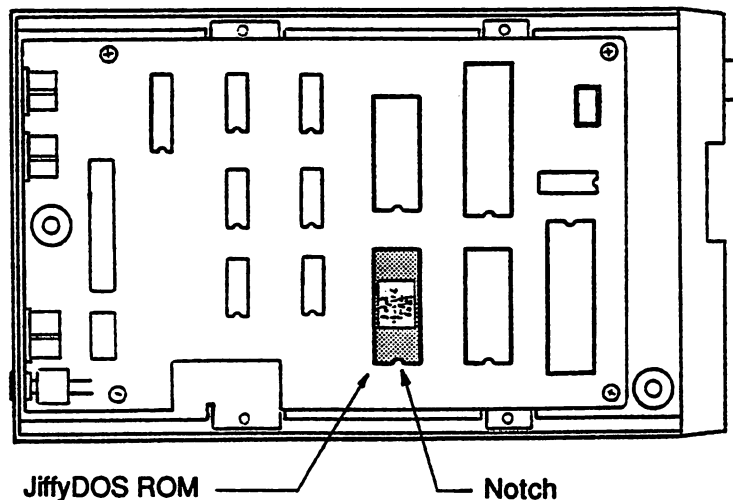


Figure 5 NOTCH ORIENTATION

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