

Hard Disk 20





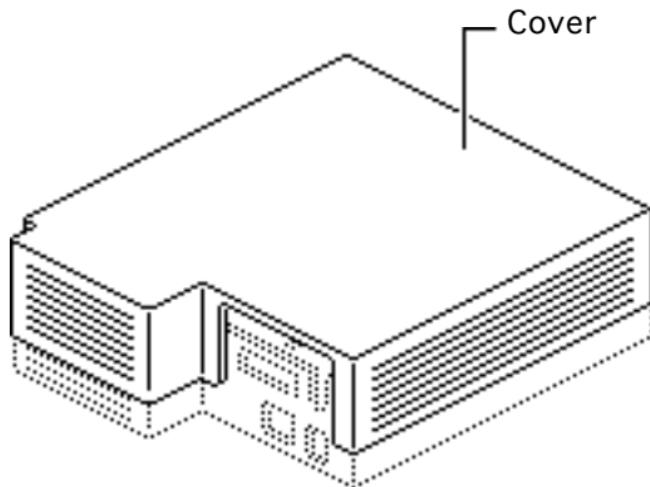
Take Apart
Hard Disk 20





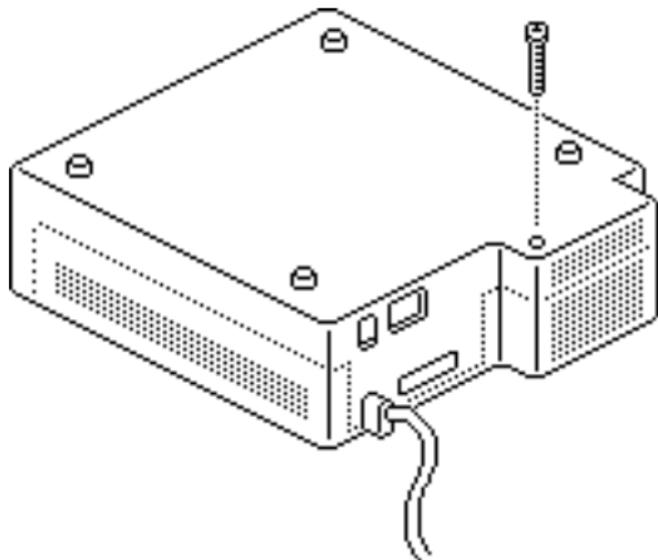
Cover

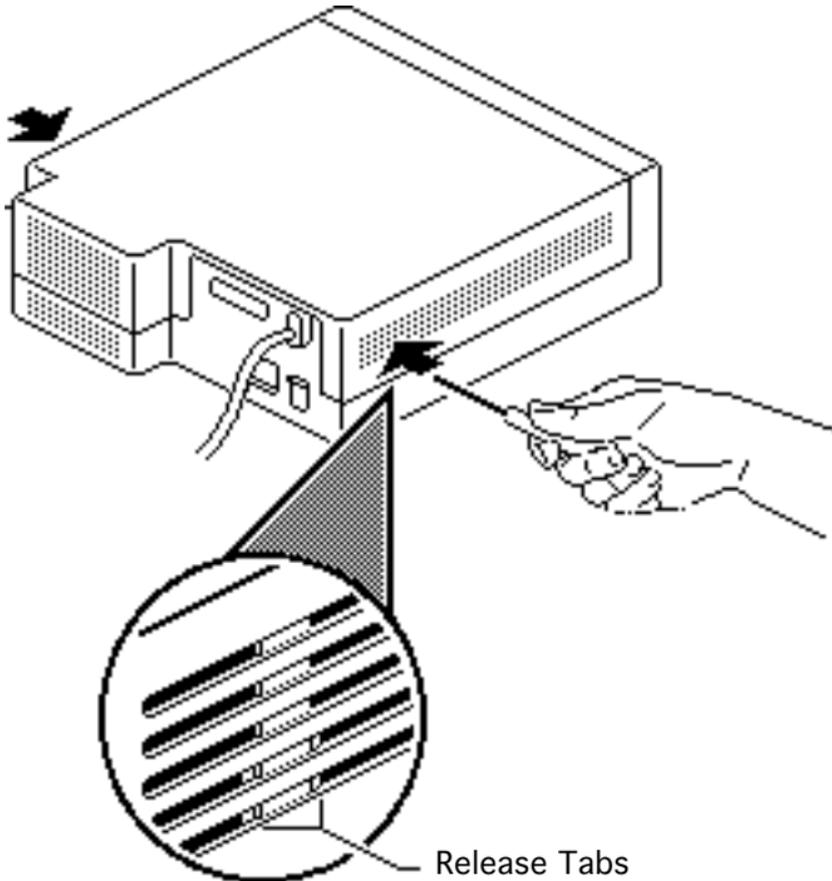
No preliminary steps are required before you begin this procedure.





- 1 Using a torx screwdriver, remove the screw from the case bottom.





Release Tabs

- 2 Using a jeweler's screwdriver, release the tabs that hold the cover.

Caution: Do not use a screwdriver to separate the case.

- 3 Use the Macintosh pull-apart tool to separate and remove the cover.

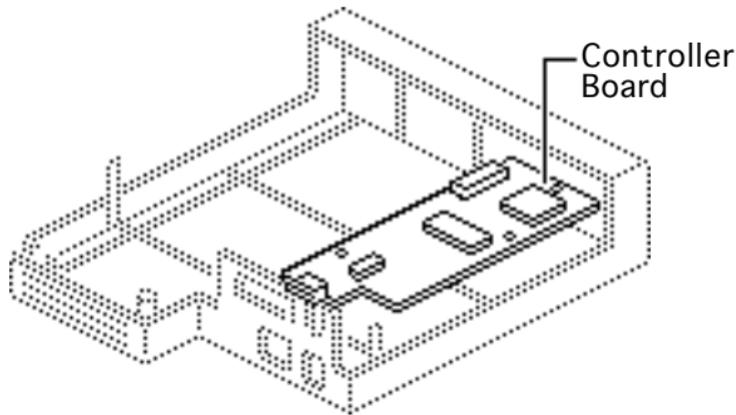


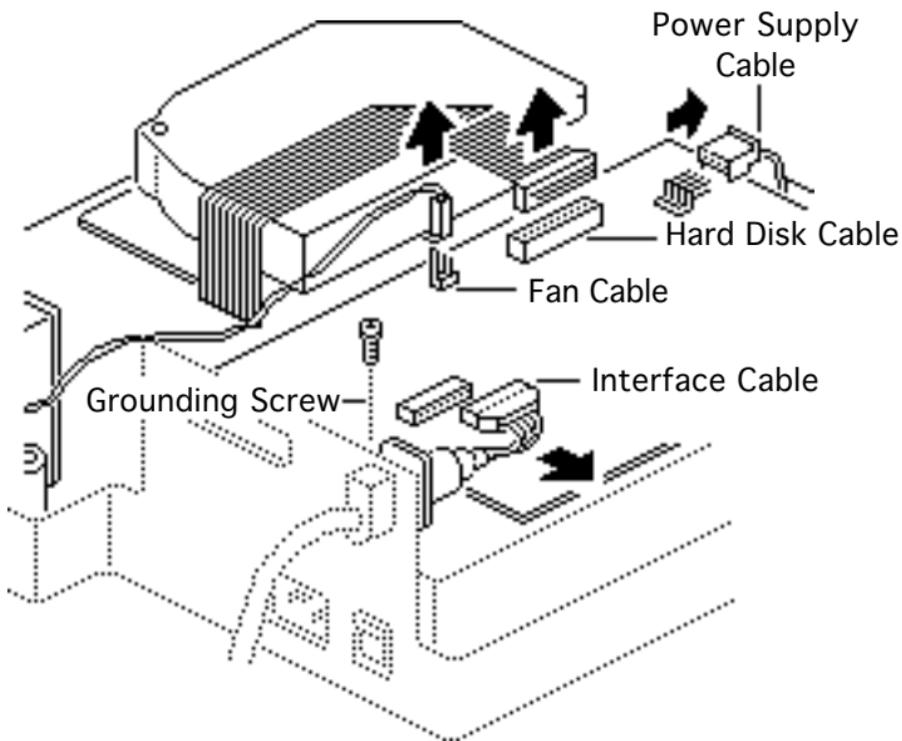


Controller Board

Before you begin, remove the cover.

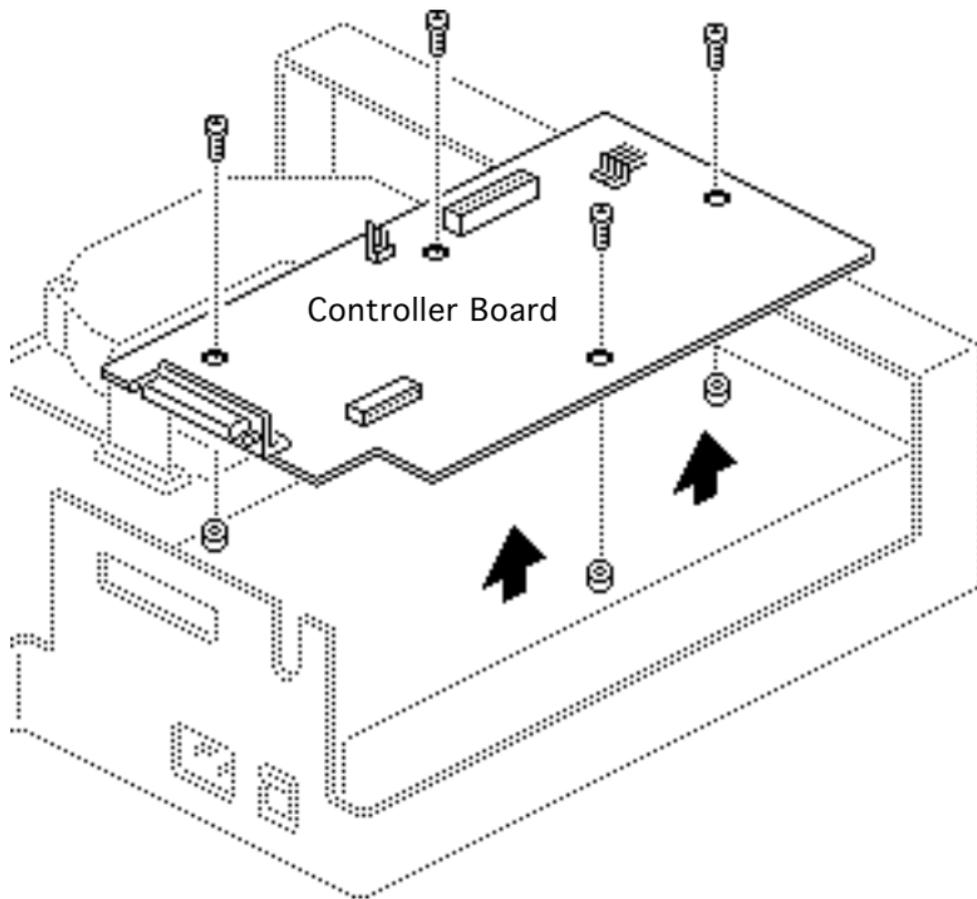
Caution: Review the ESD precautions in Bulletins/Safety.





- 1 Remove the grounding screw.
- 2 Disconnect the following cable connectors:
 - Power supply cable
 - Hard disk cable
 - Fan cable
 - Interface cable





- 3 Remove the four mounting screws.
- 4 Lift out the controller board.



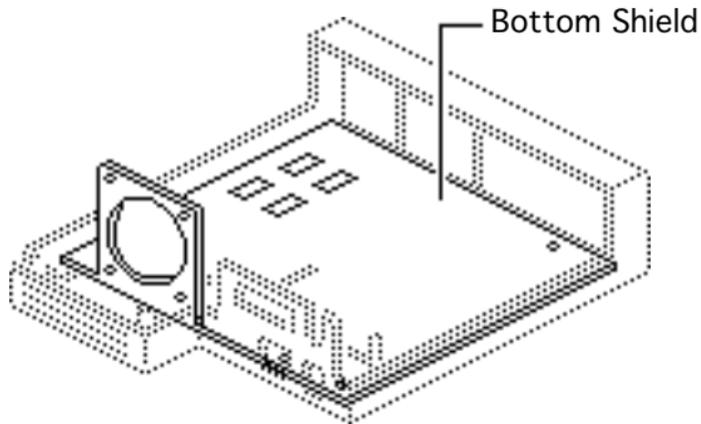


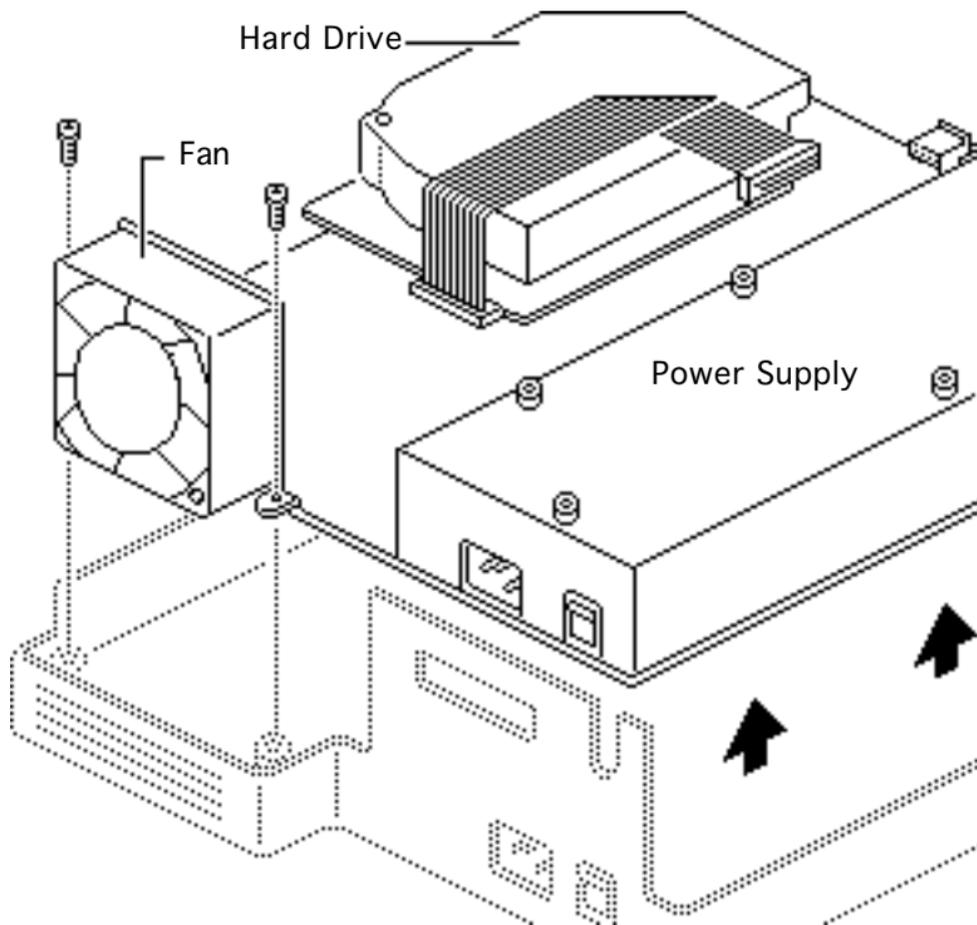
Bottom Shield

Before you begin, remove the following:

- Cover
- Controller board

Caution: Review the ESD precautions in Bulletins/Safety.





- 1 Remove the two retaining screws.
- 2 With the power supply, hard drive, and fan still attached, lift out the bottom shield.

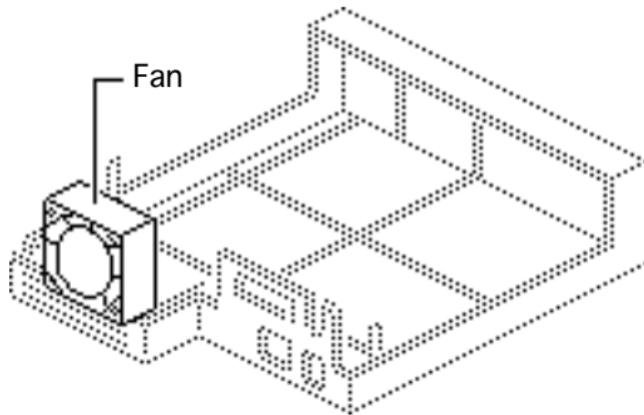




Fan

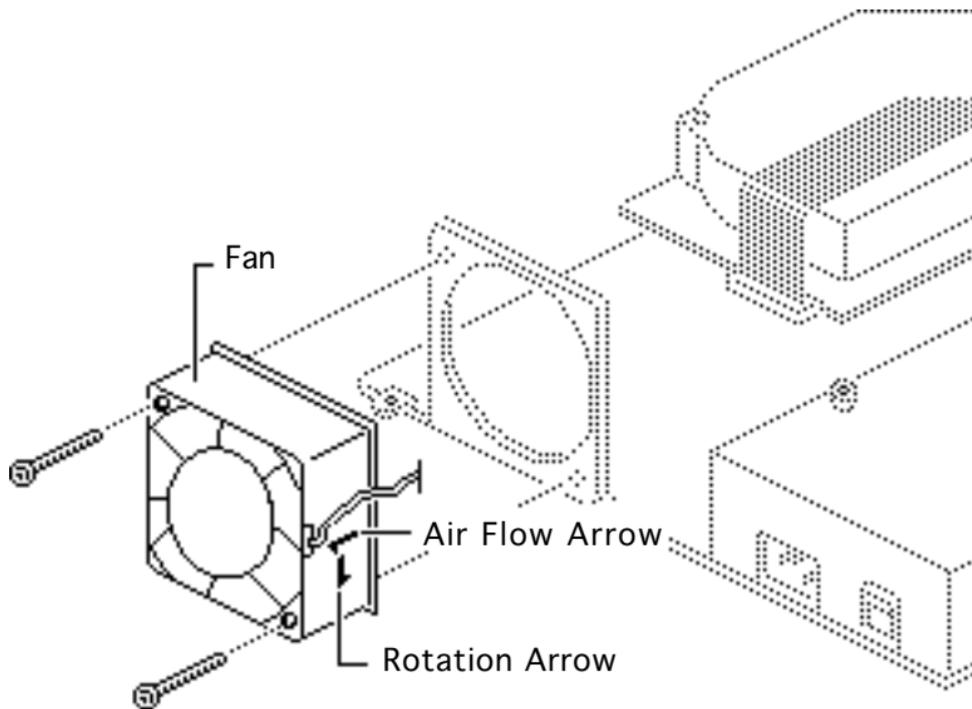
Before you begin, remove the following:

- Cover
- Controller board
- Bottom shield



Caution: Review the ESD precautions in Bulletins/ Safety.





Remove the two mounting screws and the fan.

Replacement Note: The air flow arrow points to the rear of the case. The rotation arrow points down.

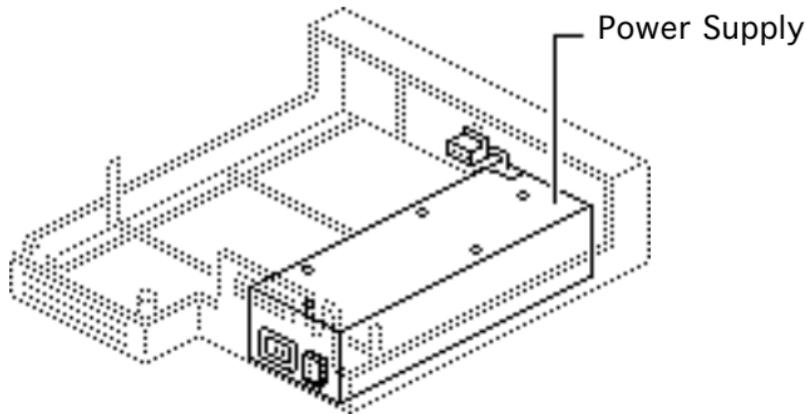




Power Supply

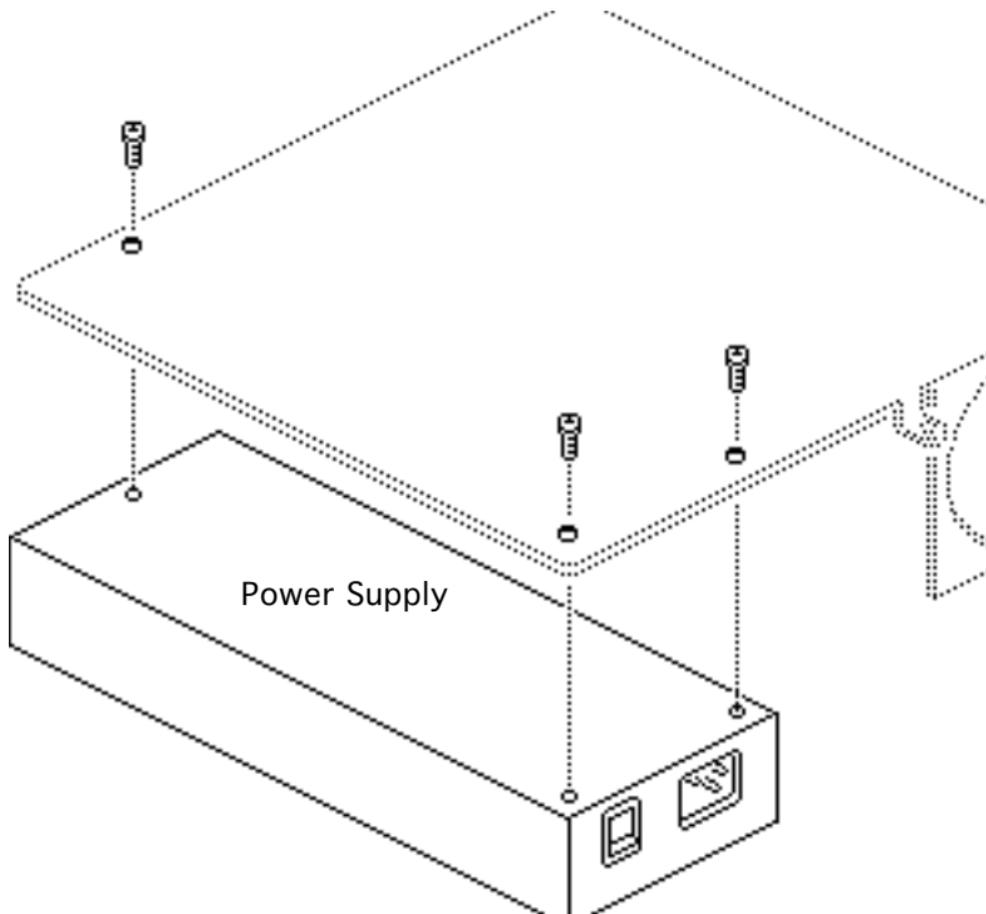
Before you begin, remove the following:

- Cover
- Controller board
- Bottom shield
- Fan



Caution: Review the ESD precautions in Bulletins/Safety.





Remove the three mounting screws and the power supply.

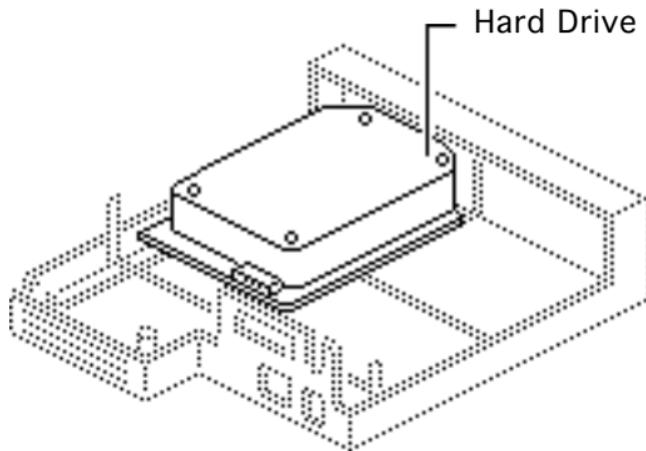




Hard Drive

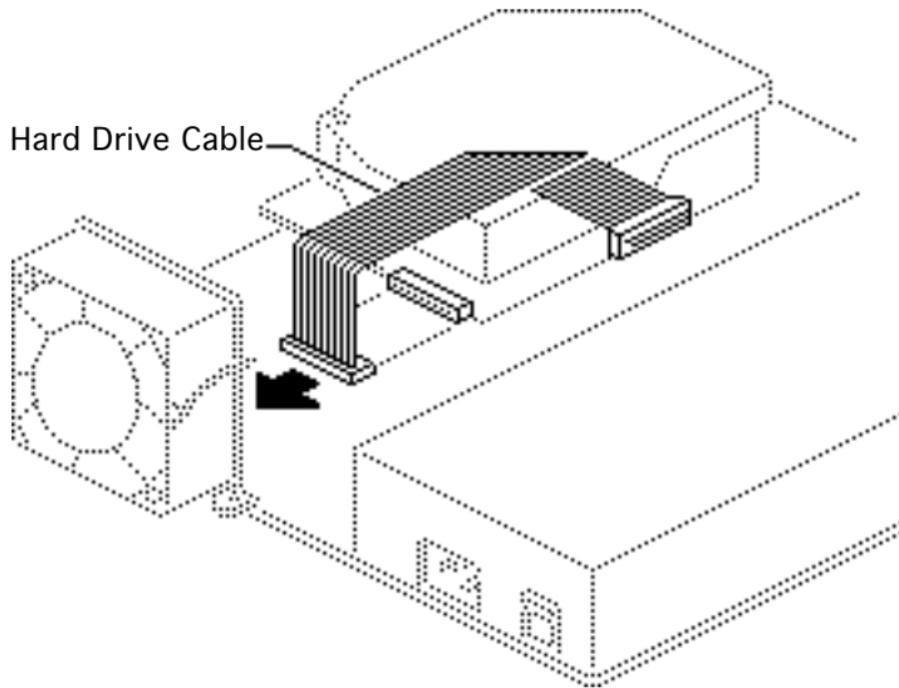
Before you begin, remove the following:

- Cover
- Controller board
- Bottom shield
- Fan
- Power supply



Caution: Review the ESD precautions in Bulletins/ Safety.

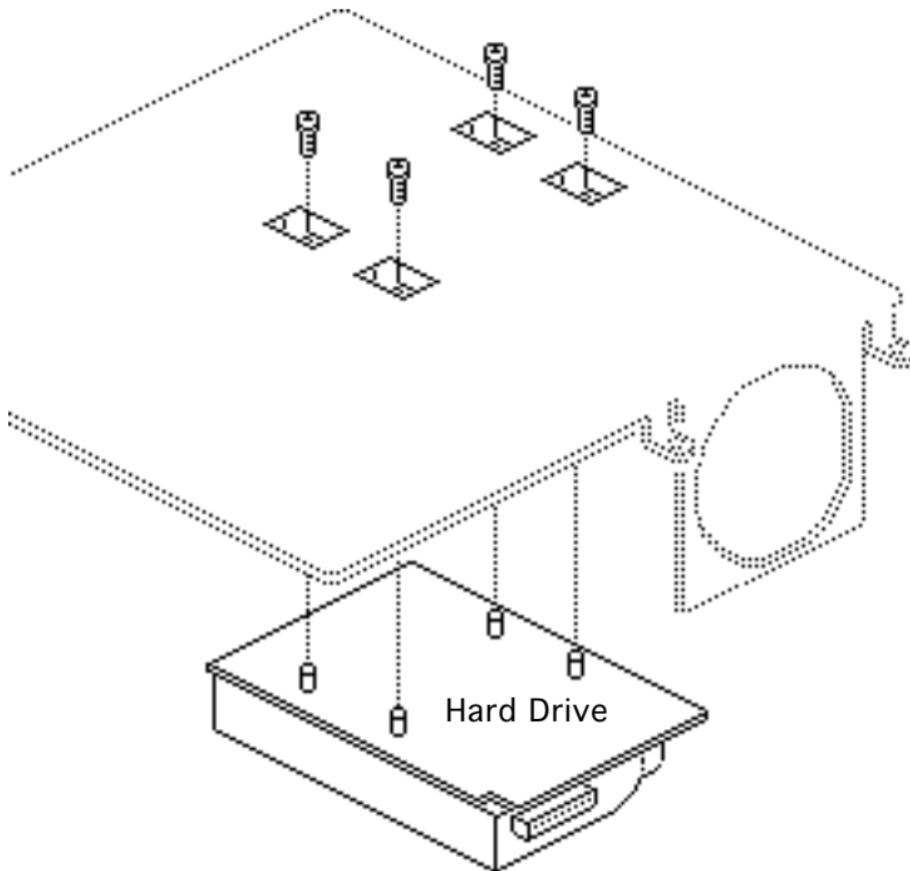




Replacement Note: The hard drive cable is not a standard ribbon cable. An incorrect cable will cause serious damage to the hard drive and/or controller board. Refer to theParts chapter in this manual.

- 1 Disconnect the hard drive cable.





- 2 Remove the four mounting screws and the hard drive.

Replacement Note: For information on removing the hard drive from the carrier and returning drives, cables, and carriers to Apple, refer to Additional Procedures in the Hard Drives Manual.





Exploded View

Hard Disk 20



