iMac G5 17" Model A1058 Optical Drive Replacement

Replace the optical drive in your iMac G5 17" Model A1058.

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INTRODUCTION

iMac not reading disks anymore? Use this guide to replace your optical drive.

TOOLS:

- Phillips #1 Screwdriver (1)
- Spudger (1)
- T6 Torx Screwdriver (1)

PARTS:

- 12.7 mm PATA 8x SuperDrive (UJ-875) (1)

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Step 1 — Rear Panel

- Lay the iMac display-side down on a flat surface.

- Loosen the three Phillips screws securing the rear panel to the iMac.

- ⚠ These screws are captive in the iMac. The center screw will stop turning after about 3.5 turns and the outer screws will stop turning after about 5.5 turns. Do not try to remove these screws from your iMac.

Step 2
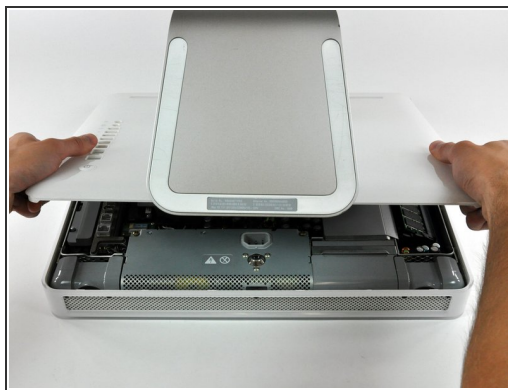
- Lift the rear panel slightly from the bottom edge of the iMac.

- Pull the rear panel toward yourself and remove it from the iMac.

Step 3 — Optical Drive
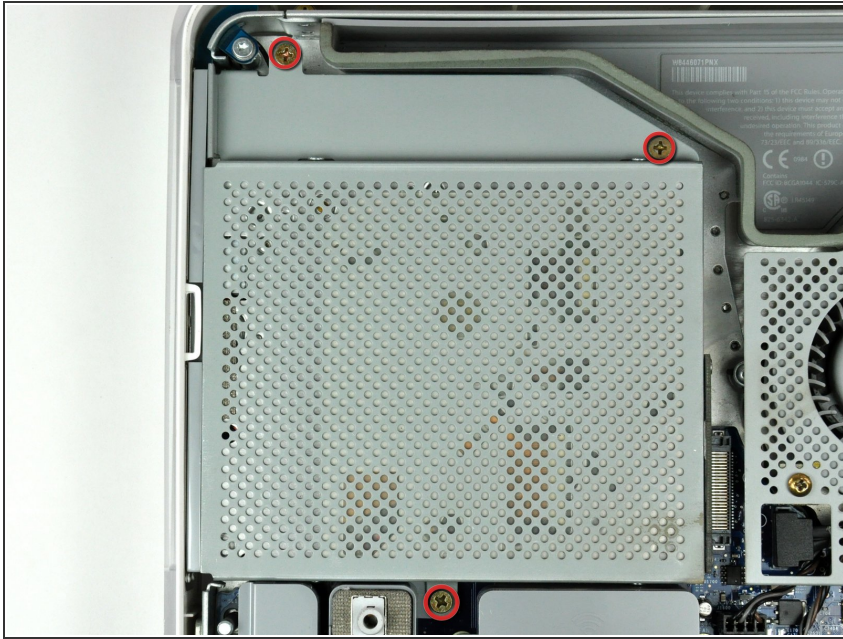
- Remove the three 8 mm brass Phillips screws securing the optical drive to the midplane.

Step 4

- Lift the optical drive near the connector to separate it from the logic board.

- ⚠ Lift the free end of the optical drive just enough to clear the fan cover. Lifting the free end of the optical drive too far may break the plastic positioning pins off the front bezel.

- Lift the free end of the optical drive slightly, then pull it away from the edge of the rear case to clear the two plastic positioning pins.

- Lift the optical drive out of your iMac.

- 📌 When reinstalling your optical drive it may be necessary to set the bezel attached to the open end of the drive on the plastic positioning pins molded into the front bezel of the iMac and pull the connector side of the drive toward the edge of the rear case, bending it outward slightly, to properly seat the connector.

Step 5 — Optical Drive
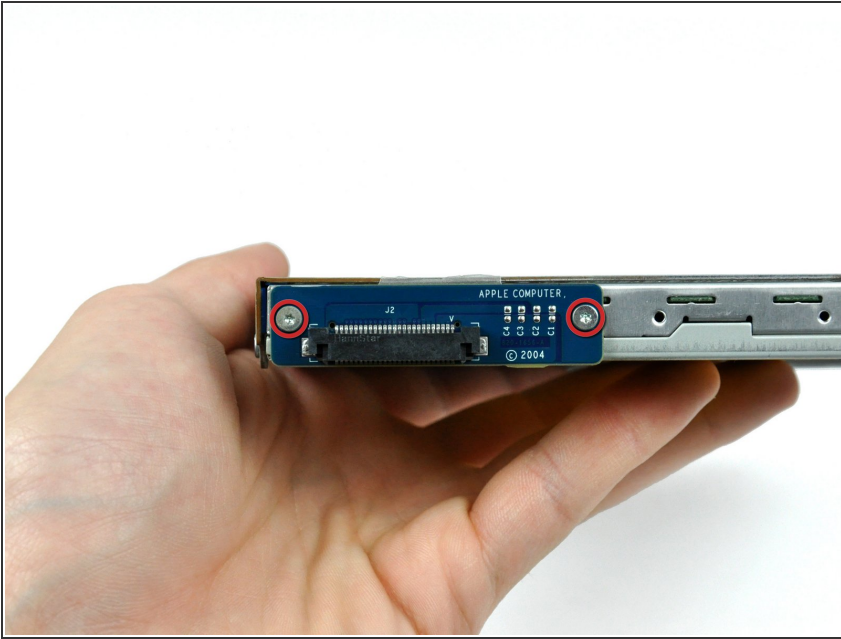
- Remove the two 3.7 mm T6 Torx screws securing the optical drive connector board to the optical drive.

Step 6
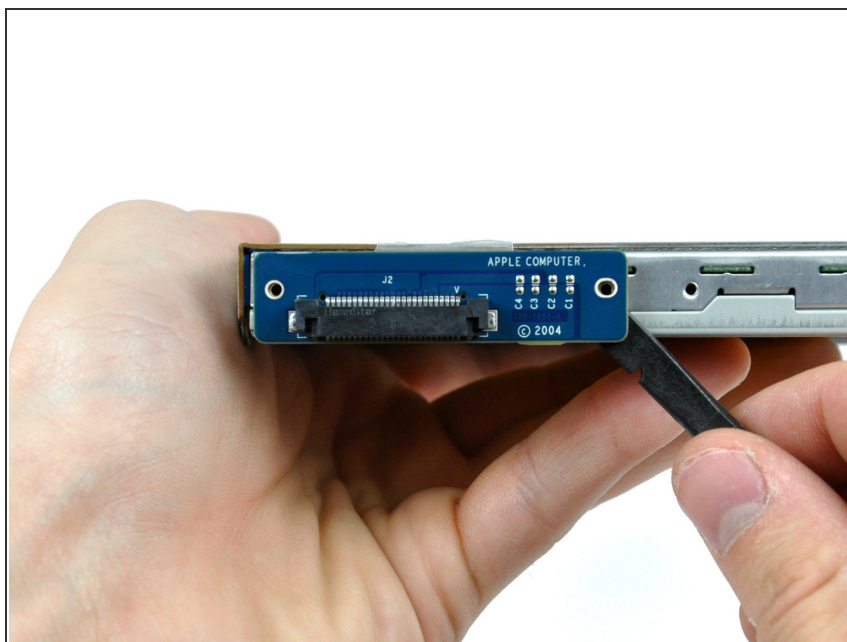
- Working from alternating sides of the board, use the flat end of a spudger to separate the optical drive connector board from the optical drive.
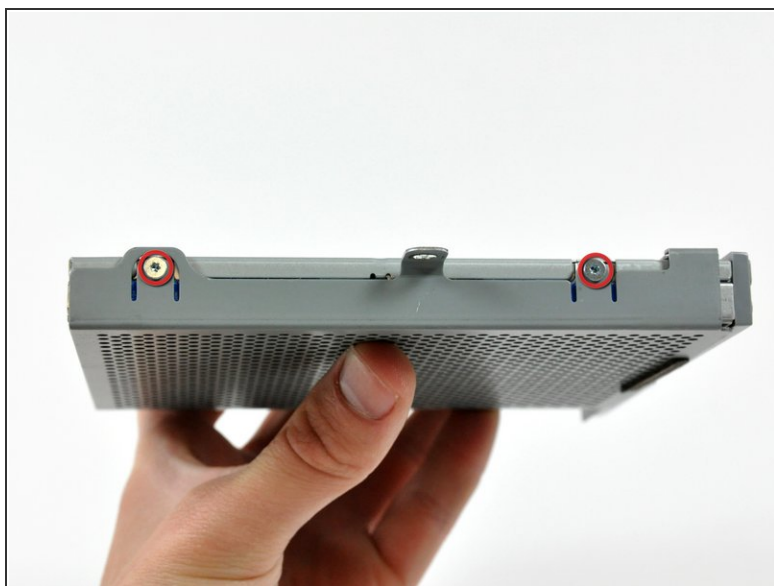
- ⓘ The socket in the optical drive is particularly deep, so don't pry the connector up too far from one side to avoid shearing the connector off the board.

Step 7

- Remove the optical drive connector board.

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Step 8

- Remove the two 4.5 mm shouldered T6 Torx screws from each side of the optical drive (four screws total).

Step 9

- Insert a spudger into the gap between the optical drive and its cage near the optical drive connector.

- Pry the optical drive away from the vibration isolating material along the inside of the cage.
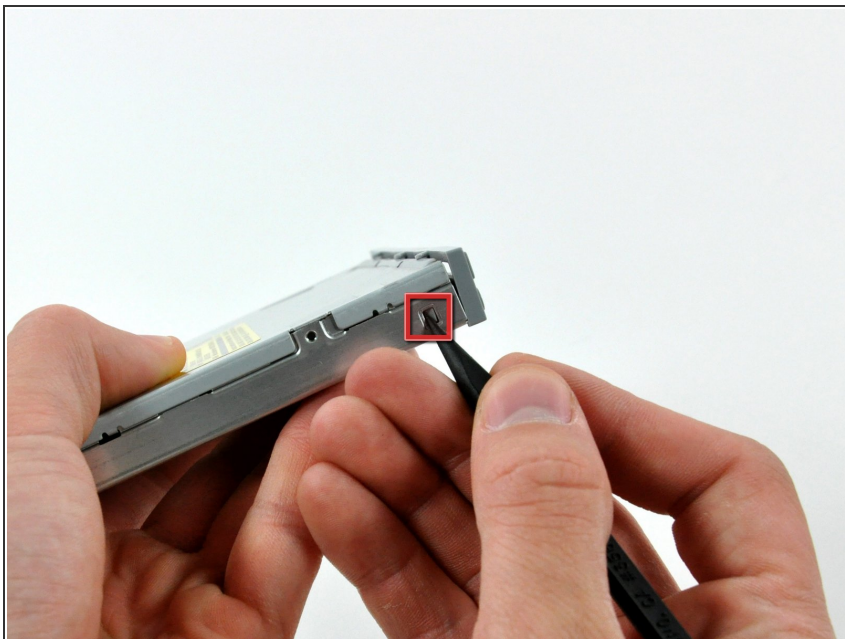
Step 10

- Pull the optical drive away from the cage by its open side.

- (i) It may be necessary to wiggle the optical drive as you pull it away from the cage to free it from the vibration isolating material.
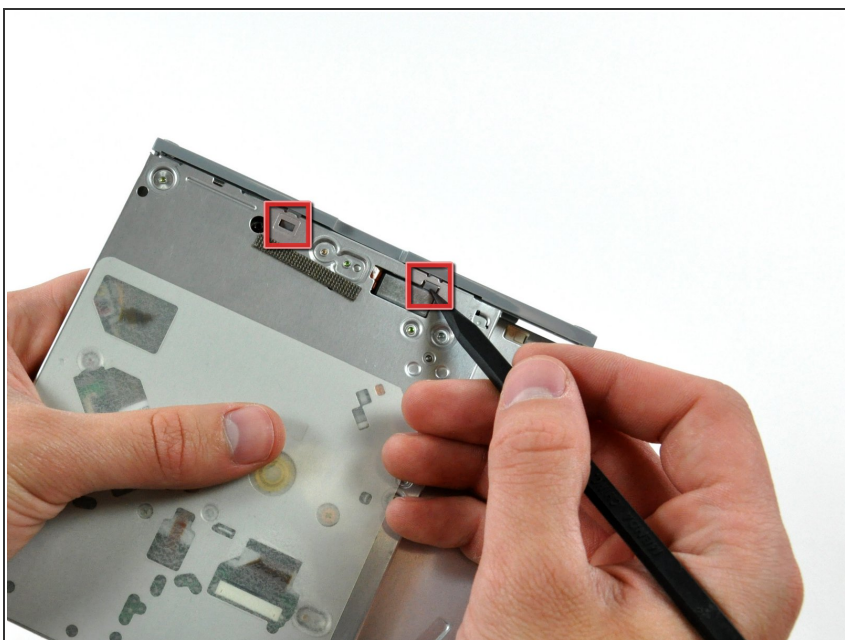
Step 11

- Use the tip of a spudger to push the two plastic bezel tabs away from their retaining slots on the top of the optical drive.

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Step 12

- Use the pointed end of a spudger to depress and release the bezel retaining tab on the side of the optical drive.

Step 13

- If necessary, use the pointed tip of a spudger to release the two plastic bezel tabs from their slots on the bottom of the optical drive.

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Step 14
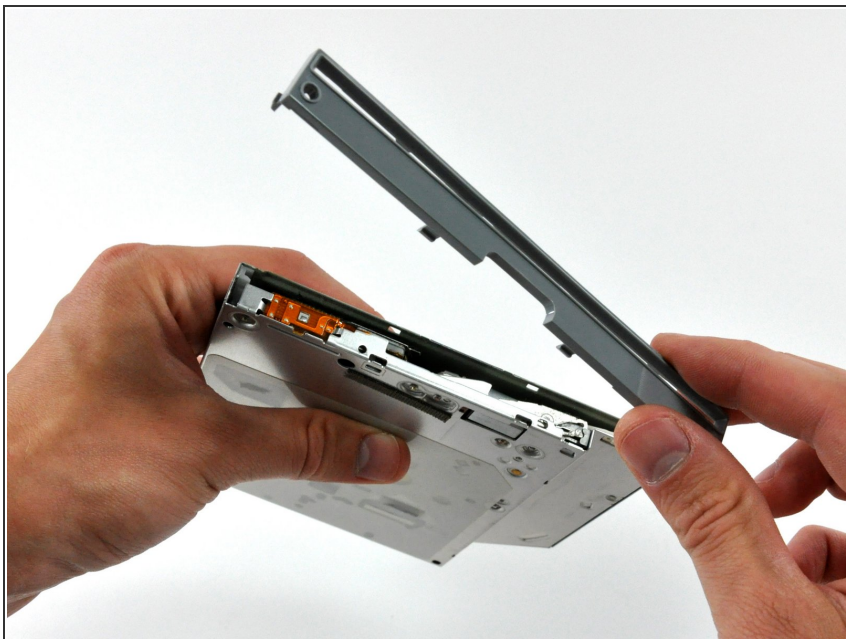
- Remove the plastic bezel from the optical drive.

- (i) If you have a disk or anything else stuck inside your optical drive, we have a guide to fix it.

To reassemble your device, follow these instructions in reverse order.

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