Sony Alpha A3000 Motherboard Replacement

Step by step instructions for replacing the motherboard which is attached to the memory card dock.

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INTRODUCTION

This guide provided instruction on removing the motherboard and should only be followed if a compatible replacement is available or subsequent repair procedures require its removal.

🔧 TOOLS:

- Phillips #000 Screwdriver (1)
- Tweezers (1)

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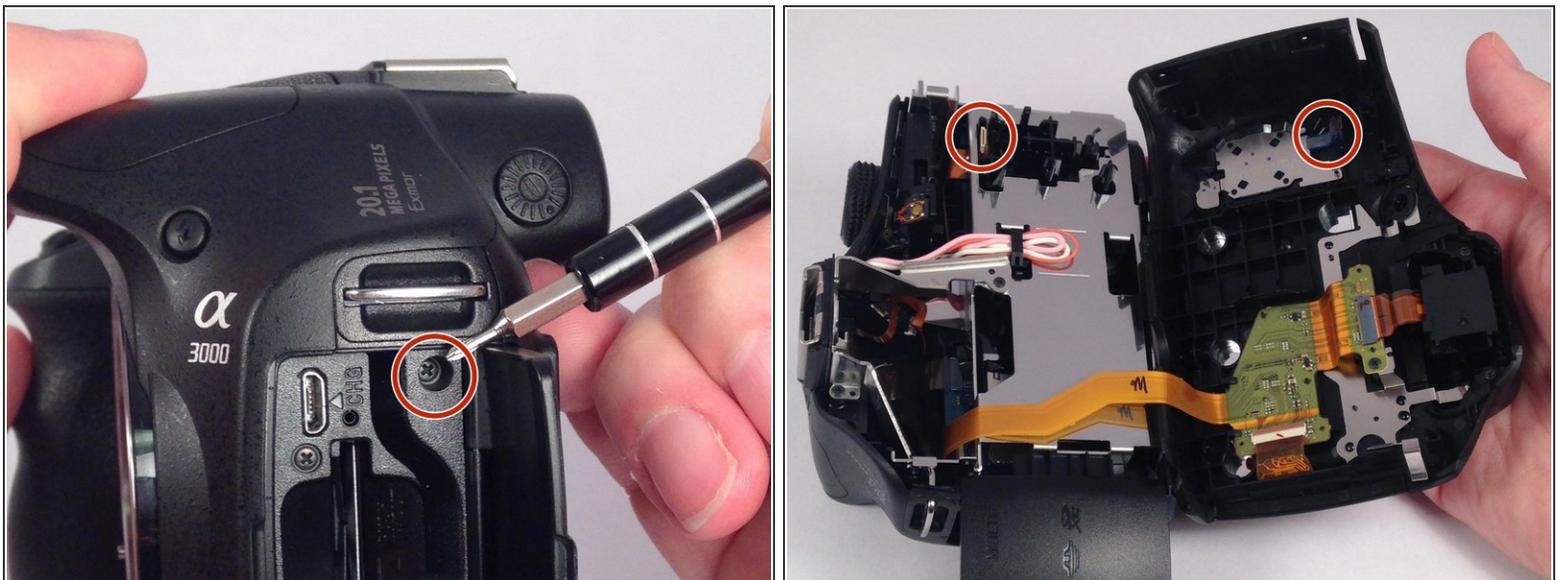
Step 1 — Rear Case

- Remove the seven highlighted screws shown here.

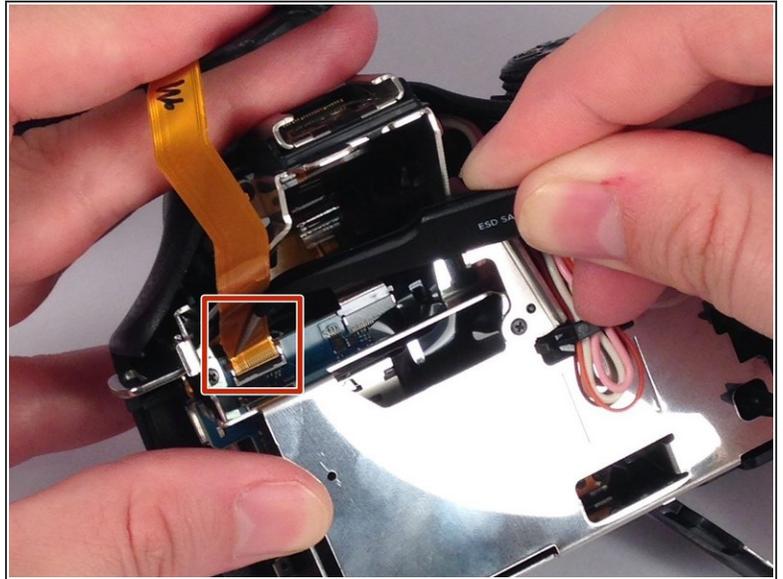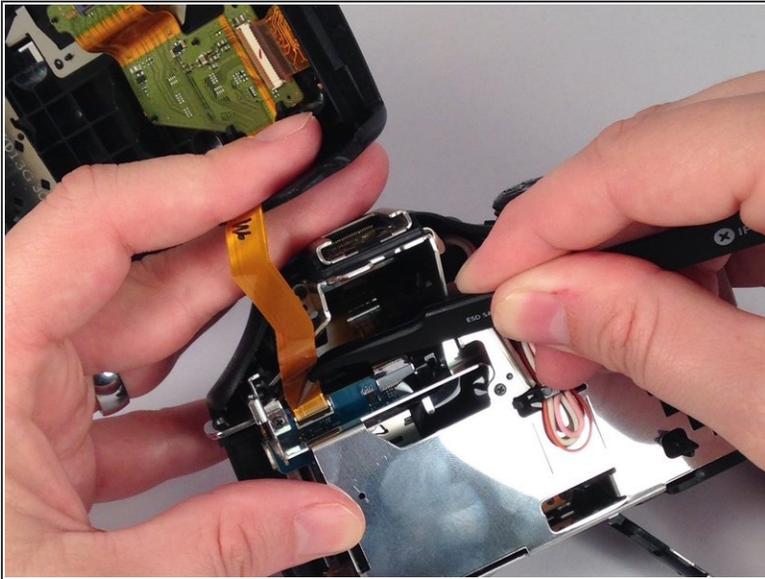⚠️ Screws are teeny tiny, don't lose them!

Step 2

- Remove this final screw from the memory card compartment.

- Remove the chassis by pulling the back cover away from the camera.

⚠️ Be careful not to damage any of the delicate ribbon cables when removing the chassis.

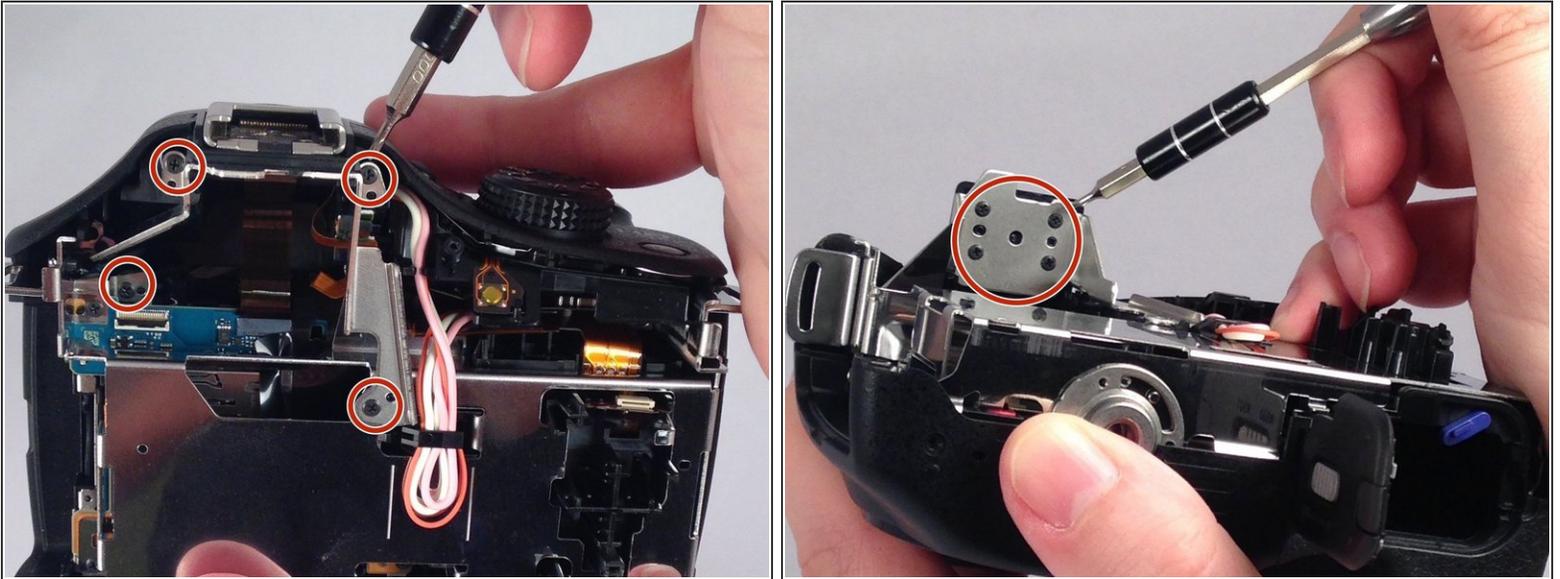This document was generated on 2019-09-22 03:35:18 AM (MST).

Step 3

- Gently but forcefully lift up on the parallel cable connecting the two halves of the camera.
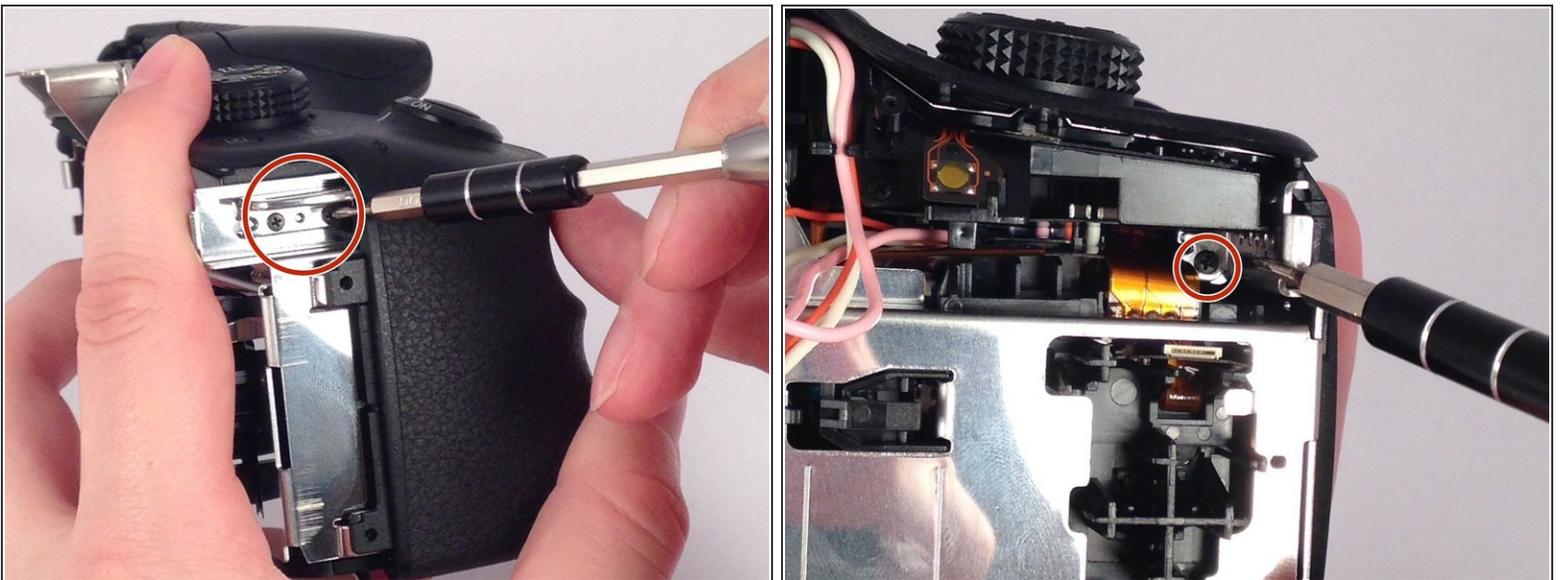
Step 4 — Motherboard

- After removing the backing from the camera. Remove the two final screws in the memory compartment area.

- Detach the facing for the memory dock.

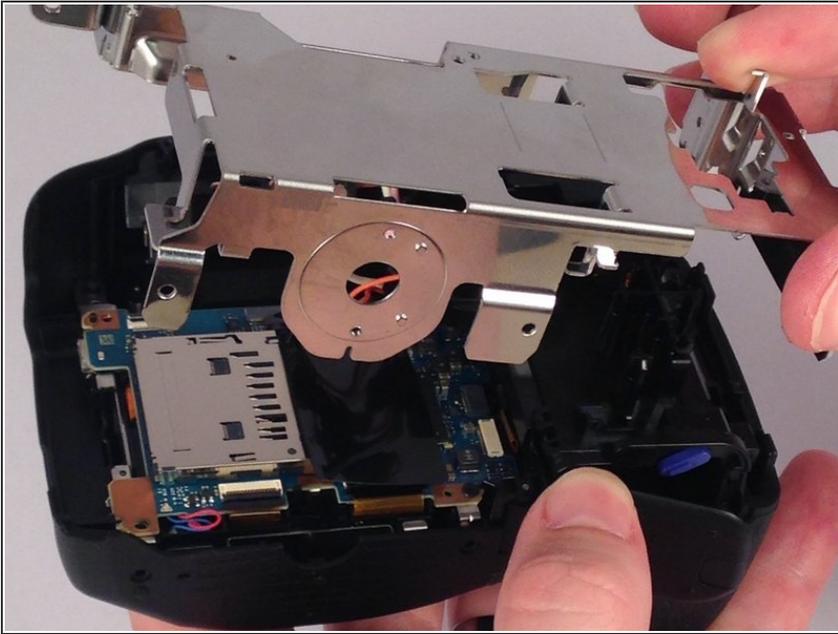This document was generated on 2019-09-22 03:35:18 AM (MST).

Step 5

- Remove the eight screws securing the mount for the flash device.
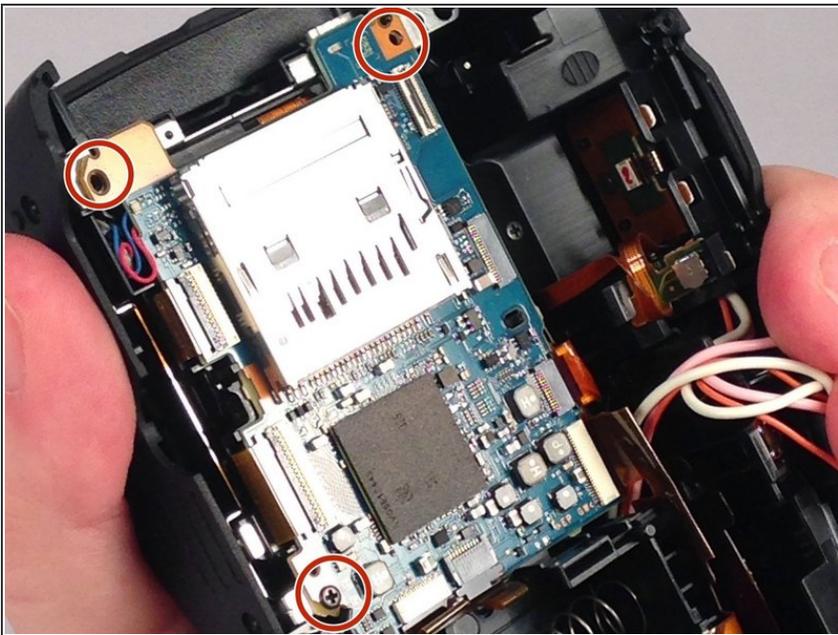
Step 6

- Remove the three remaining screws holding in the protective metal casing.
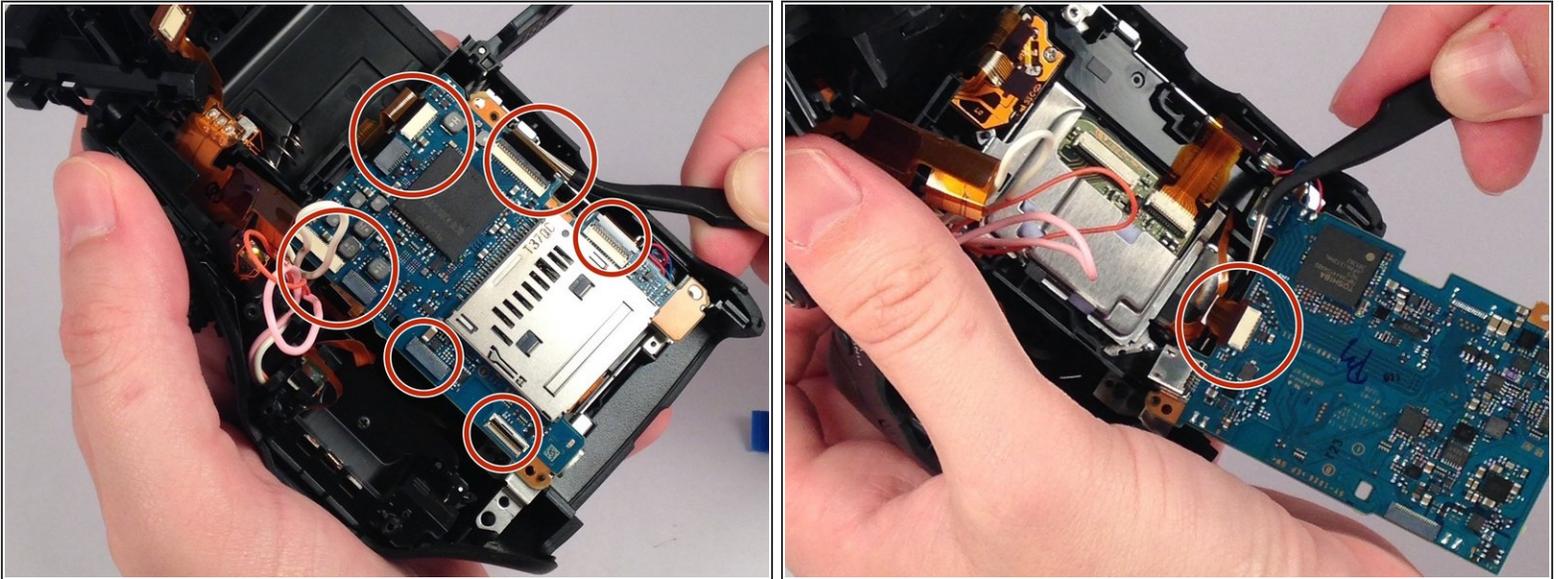
Step 7
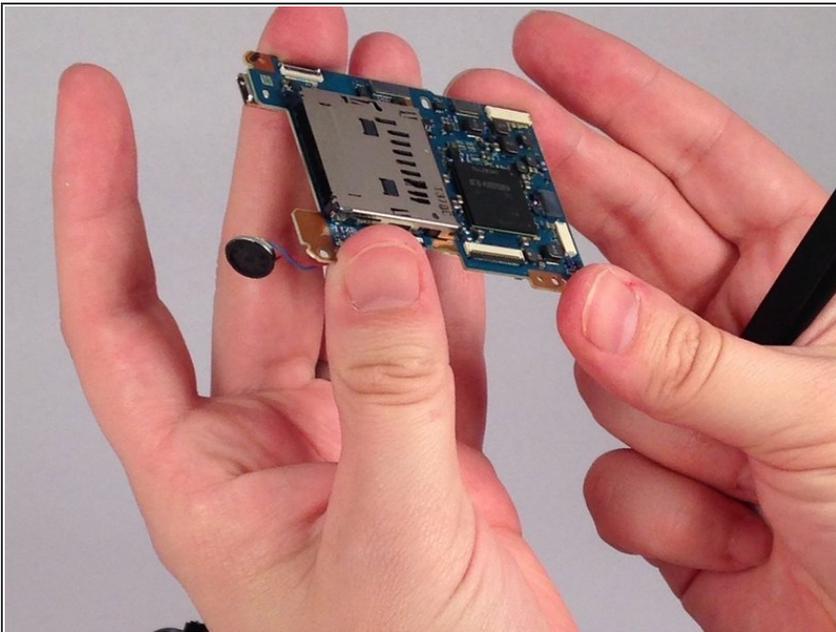

● Remove the metal casing.

Step 8

● Remove three screws holding down the motherboard .

Step 9

- Detach the nine serial cables connecting it to the camera body.

Step 10

- Finally remove the motherboard from the casing.

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

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