



Motorola Droid Bionic Screen with digitizer Replacement

Replacing the screen glass and digitizer with a new one. This repair is useful for cracked or broken glass where the LCD screen below it is not damaged.

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INTRODUCTION

1. Open Case
2. Remove Battery, SD Card, SIM Card
3. Remove 11 screws around perimeter
4. Peel back sticker from below battery
5. Remove back of phone
6. Remove SIM board from mother board
7. Disconnect three ribbon cables
8. Separate mother board from screen assembly
9. Remove LCD display from screen assembly
10. Separate glass/digitizer from top frame
11. Replace glass/digitizer and re-assemble



TOOLS:

- [T5 Torx Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Front Glass/Digitizer



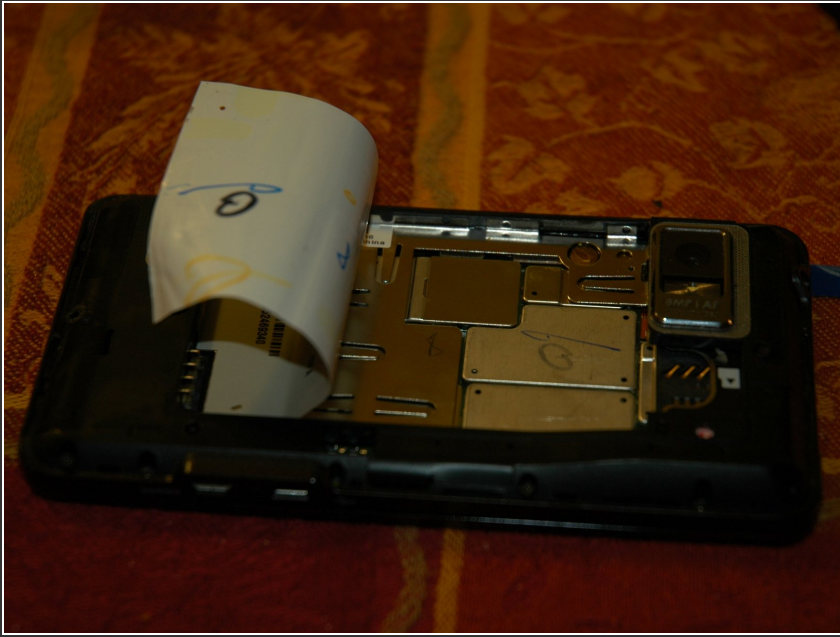
- Open Case, remove Battery, SD Card, and SIM Card

Step 2



- Remove 11 T5 Torx screws around perimeter

Step 3



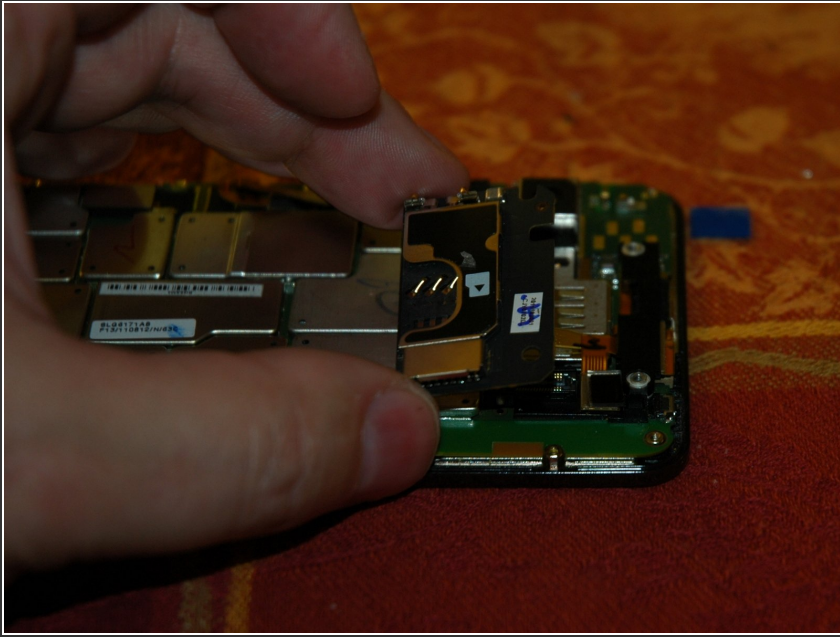
- Peel back label half way, far enough to expose shields from the motherboard.
- There also is a white barcode sticker that will keep the back from coming off.
- The spudger tool works great for lifting the edge of the stickers to get a finger hold.
- The labels can be easily lifted and replaced without damage.

Step 4



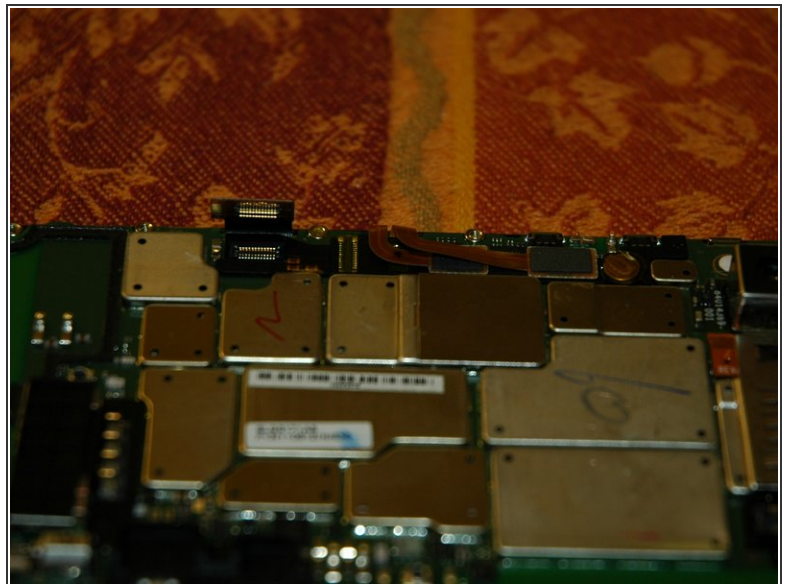
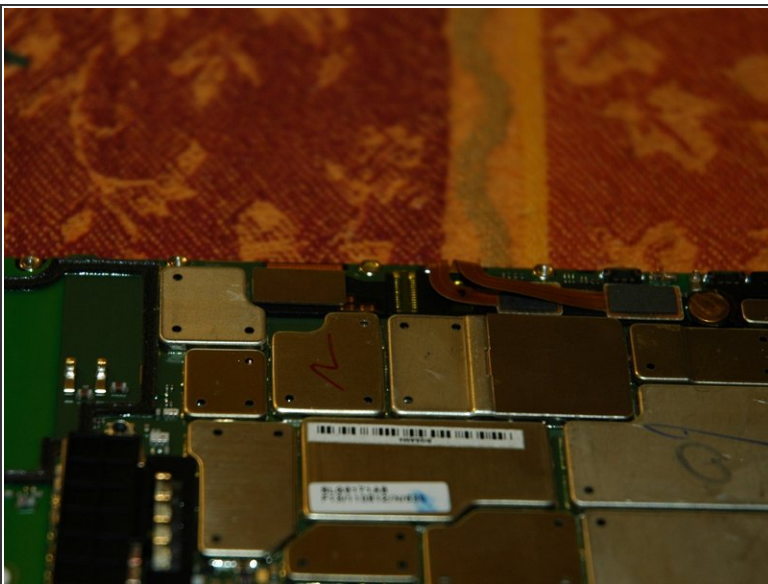
- Remove the back casing by carefully inserting the spudger into the gap between the casing and the rest of the phone. Carefully pry around the perimeter until the casing pops off.

Step 5



- Remove two T5 Torx screws and remove the SD/SIM card board.
- There is a black plastic spacer bar between the two screw lugs that can also be removed.

Step 6



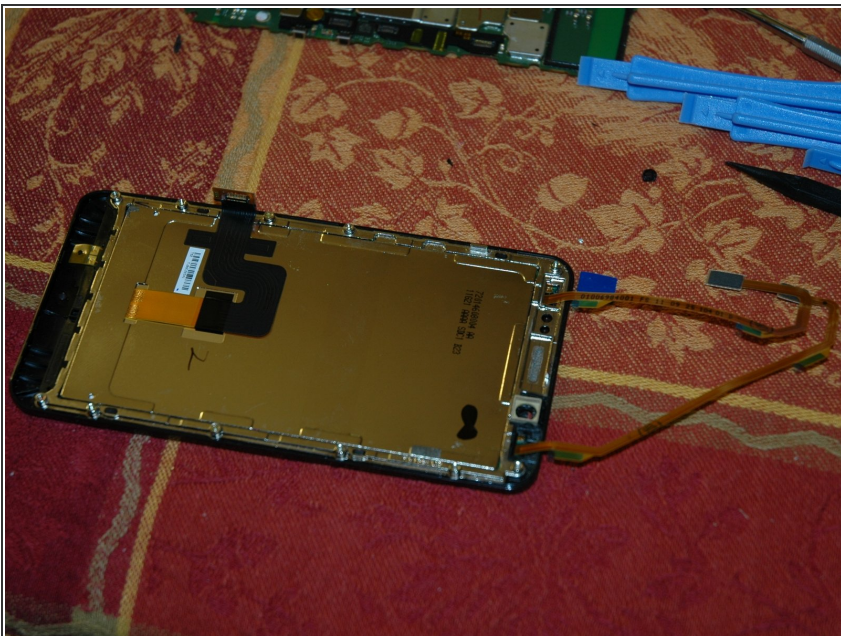
- Disconnect three ribbon cables from the mother board ***EDIT*** **Under** the Black Spacer Bar is a **Fourth Ribbon cable**.
- One of them is from the LCD screen and the other two are for the digitizer. ***EDIT*** Looks like it goes to the forward facing camera.

Step 7



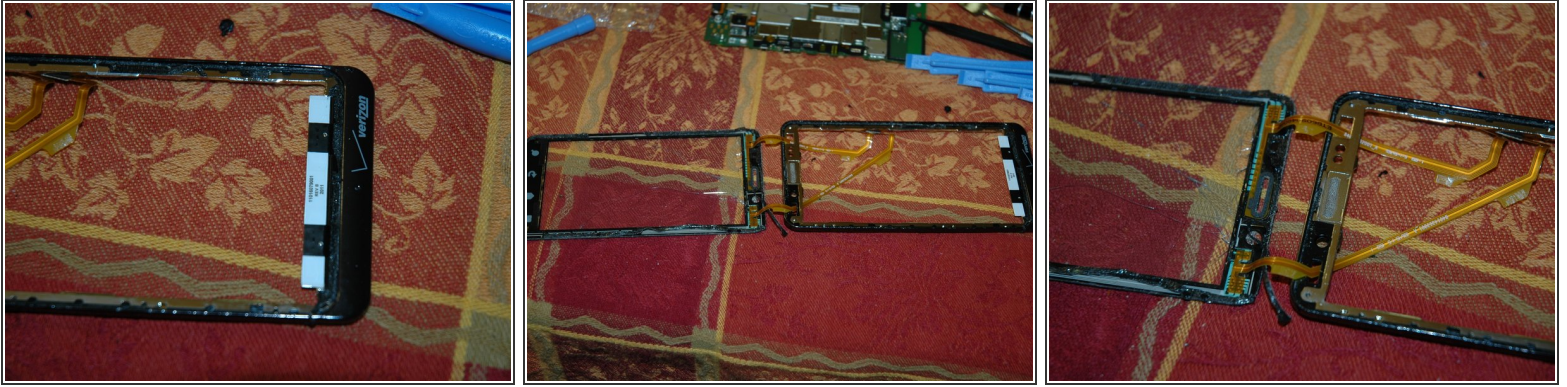
- Remove the mother board from the screen assembly.
- Be careful not to get the spunger between the glass and the LCD because the ribbon cables are still holding the glass and LCD together.

Step 8



- Remove the LCD Screen from the frame
- The LCD can be lifted out of the frame. Be careful to keep it clean and free from dust.

Step 9



- Separate the glass from the frame.
- The two are stuck together with double stick tape. Be careful in prying them apart because the frame appears fragile. The blue plastic opening tools work well.
- Slip the new glass/digitizer's two ribbon cables through the holes in the frame and stick the new glass to the frame.
- There are also rubber gaskets around each opening in the glass.

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