

LG Escape (p870) Touch screen/digitizer Replacement

This guide will show you how to replace the touch screen/digitizer in your LG Escape (p870).

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TOOLS:

- Phillips #00 Screwdriver (1)
- Flathead 3/32" or 2.5 mm Screwdriver (1)
- Spudger (1)
- Tweezers (1)

Step 1 — Battery





 Turn the device over and pull the back plastic cover off by inserting your fingernail into the opening at the bottom of the phone and gently pulling.





- With your finger and from the bottom edge, lift the battery out of the phone and set it aside.
- You now have access to:
- Your SD card
- Your SIM card
- Your device's serial numbers

Step 3 — Loudspeaker Assembly



 Remove the 4 Phillips 00 screws securing the speaker assembly to the phone housing.





- Carefully insert a small flathead screwdriver between the speaker assembly and the rear housing
- Pry the speaker assembly out of the phone and set it aside

Step 5 — Touch screen/digitizer



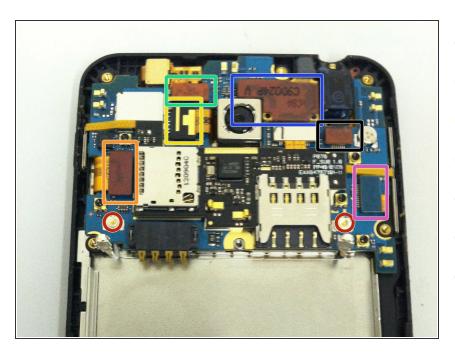
 Remove the remaining 6 screws securing the plastic frame to the back housing



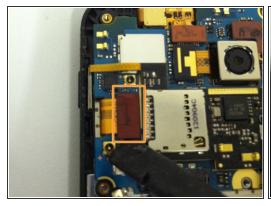


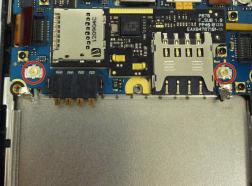


- Insert a black plastic spudger or a small flathead screwdriver between the back silver bezel and the black area and begin prying the bezel away from the rest of the phone
- Continue working your way around the phone, prying carefully with your prying tool
- When you work the frame free, set it aside



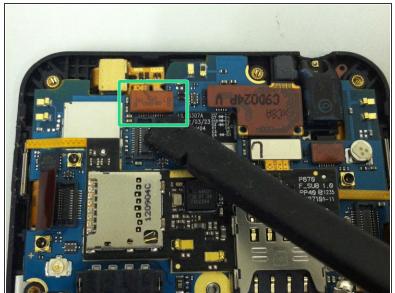
- Wifi and cell service antennas
- LCD connector
- Back camera connector
- Front camera connector
- Touch screen/ digitizer connector
- Charger port connector
- Headphone jack connector

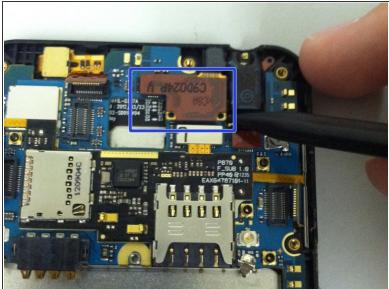






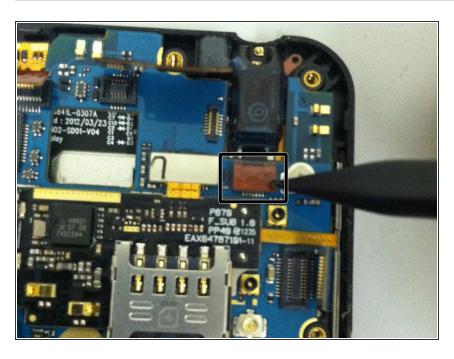
- With a spudger or safe open pry tool, carefully detach the LCD flex connector
- Release the two antennae from their connectors
- Release the back camera's flex from its connector



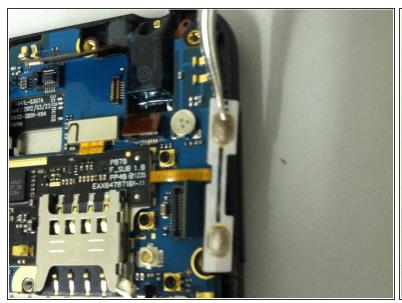


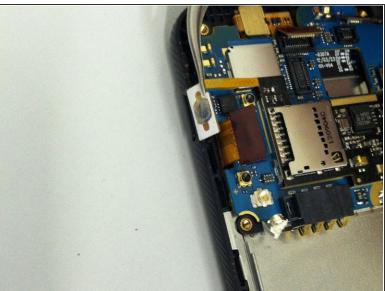
- Release the charging port flex from its connector
- Release the front camera's flex from its connector
- Release the touch screen/digitizer's flex cable from its connector

Step 10

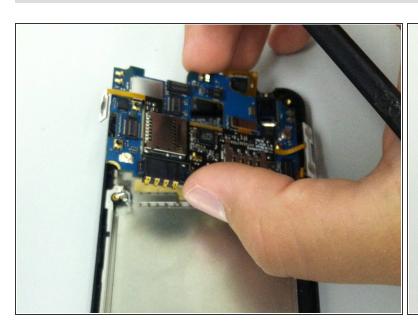


 Release the headphone jack's flex cable from its connector





- With a pair of tweezers, VERY carefully pull the volume button flex out of the rear housing
- Repeat the process with the power button flex cable
- The power button and volume button flex cables will tear very easily, so be cautious





- Lift the motherboard away from the housing, taking extra care not to snag any of the antennae or flex cables
- Set the motherboard aside





- Insert a small flathead screwdriver or black plastic spudger between the front silver bezel and the black plastic mid-frame
- Gently pry on the bezel to release the clips adhering the screen to the mid-frame
- Work your way around the phone, still using the small flathead or spudger, until the screen is fully separated
- Remove the screen, taking care not to tear the flex cable that is still threaded through the housing.
- After carefully threading the digitizer and outer housing/bezel from the middle bracket you'll notice the digitizer is held on by a band of very strong adhesive this will be destroyed when you take off the old digitizer. When you replace your digitizer you can use double-sided tape or epoxy to hold the new digitizer on the bezel.

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