



iPhone 4 Verizon Rear Camera Replacement

Use this guide to remove the iPhone's primary...

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INTRODUCTION

Use this guide to remove the iPhone's primary rear camera.

TOOLS:

[P2 Pentalobe Screwdriver iPhone](#) (1)

[Phillips #000 Screwdriver](#) (1)

[iFixit Opening Tool](#) (1)

Step 1 — Rear Panel



 Before you begin, discharge your iPhone battery below 25%. A charged lithium-ion battery can catch fire and/or explode if accidentally punctured.

- Power off your iPhone before beginning disassembly.
- Your phone's rear cover may have two #000 Phillips screws **or** Apple's 5-Point "Pentalobe" screws. Check which screws you have, and ensure you also have the correct screwdriver in order to remove them.
- Remove the two 3.6 mm Pentalobe or Phillips #000 screws next to the dock connector.

Step 2



- Push the rear panel toward the top edge of the iPhone.

ⓘ The panel will move about 2 mm.

Step 3



- Pinch the rear panel with your fingers, and lift it away from the iPhone. Alternatively, use a Small Suction Cup .

⚠ Be careful not to damage the plastic clips attached to the rear panel.

Step 4 — Battery



- Remove the single 1.5 mm Phillips screw securing the battery connector to the logic board (if present).

Step 5



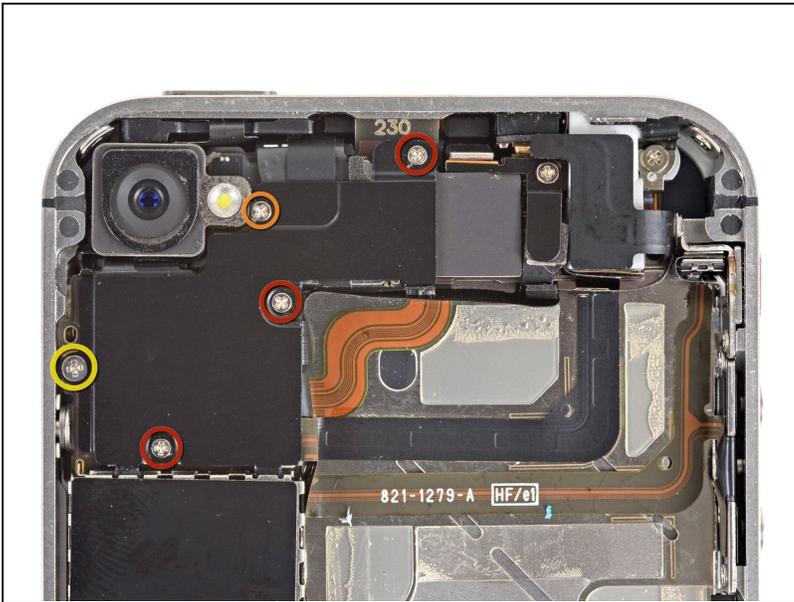
- Use the edge of a plastic opening tool to gently pry the battery connector up from its socket on the logic board.
- ⚠ Be very careful to only pry up on the battery connector and not the socket on the logic board. If you pry up on the logic board socket, you may break it entirely.
- Remove the metal clip covering the antenna connector.

Step 6



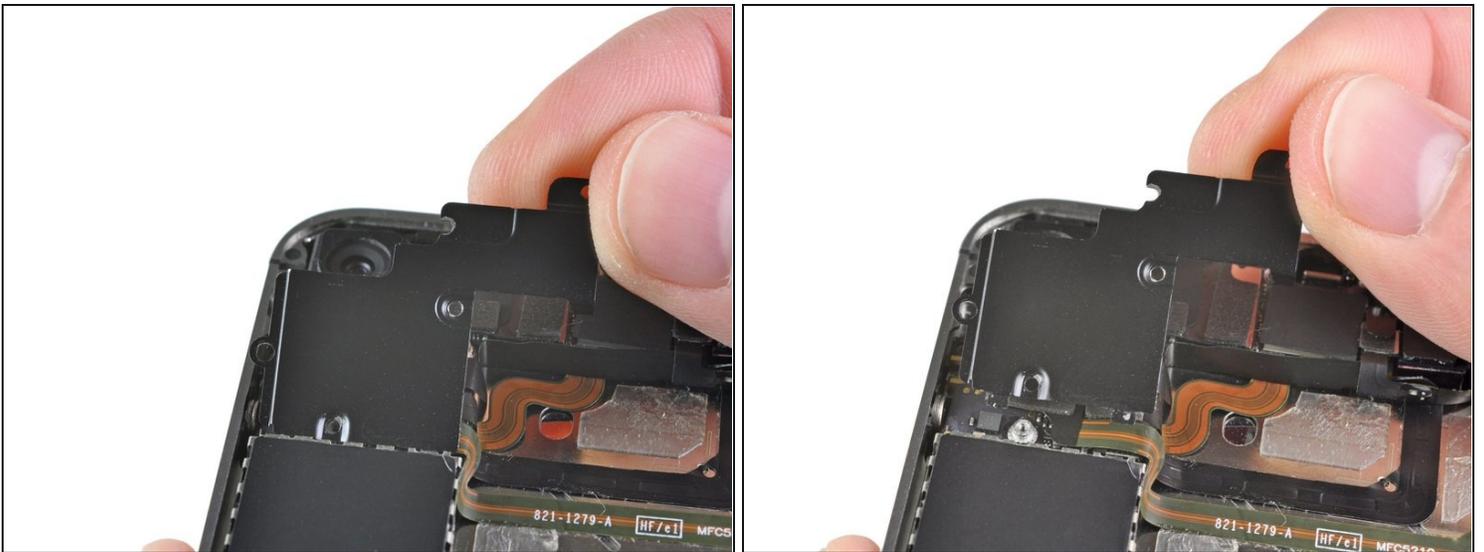
- Pull up on the exposed clear plastic tab to peel the battery off the adhesive securing it to the iPhone.
- ⓘ If the tab breaks before the battery is freed, apply a few drops of high concentration (over 90%) isopropyl alcohol under the edge of the battery. Wait about one minute for the alcohol solution to weaken the adhesive. Carefully slide a spudger under the battery tab to release the adhesive.
- ⚠ Prying in other places may cause damage. Don't try to forcefully lever the battery out. If needed, apply a few more drops of alcohol to further weaken the adhesive. Never deform or puncture the battery with your pry tool.
- If there's any alcohol solution remaining in the phone, carefully wipe it off or allow it to air dry before installing your new battery.
- Remove the battery.
- ⓘ If your replacement battery came in a plastic sleeve, remove it before installation by pulling it away from the the ribbon cable.
- Before reassembly, clean metal-to-metal contact points with a de-greaser such as windex. The oils from your fingers have the potential to cause wireless interference issues.
- Perform a [hard reset](#) after reassembly. This can prevent several issues and simplify troubleshooting.

Step 7 — Rear Camera



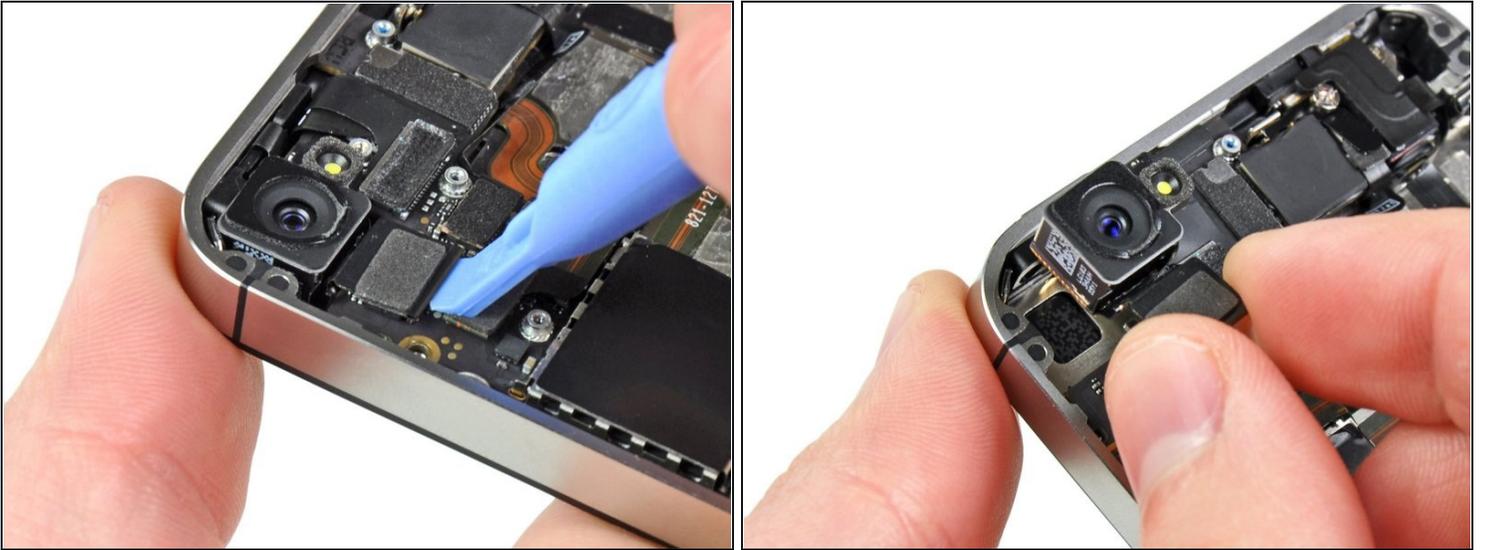
- Remove the following five screws:
 - Three 1.3 mm Phillips screws
 - One 1.5 mm Phillips screw
 - One 2.4 mm Phillips screw

Step 8



- Lift the cable cover from its edge nearest the top of the iPhone.
- Pull the cable cover tabs out of their slots cut into the EMI shield on the logic board and remove it from the iPhone.

Step 9



- Use the edge of a plastic opening tool to pry the rear camera connector up from its socket on the logic board.

⚠ Be careful not to break any components off the surrounding area on the logic board as you pry upwards.

- Remove the rear camera from the iPhone.

⚠ Be careful not to scratch the back of the display assembly after the removal of the rear facing camera.

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