



How To Fix Vertical Lines On An iPhone Screen After Replacement

Troubleshoot a malfunctioning iPhone screen.

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INTRODUCTION

Vertical lines are a common problem faced by DIY repairers after replacing the screen on an iPhone. Most of the time this isn't a defective screen and can be resolved with a little troubleshooting.

If the issue persists after troubleshooting using these steps you may have a defective part.

TOOLS:

- [Anti-Static Wrist Strap](#) (1)
 - [Anti-Static Mat](#) (1)
 - [Detailing Brush](#) (1)
 - [Latex or nitrile gloves](#) (1)
 - [Safety Glasses](#) (1)
 - [Isopropyl Alcohol](#) (1)
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Step 1 — Electro-Static Discharge (ESD)



- [ESD](#) is a common culprit behind display malfunction.
- Ground yourself and your device to discharge any built up static charge before repairing your phone. The best way to do this is to use an [anti-static mat](#) and wear an [anti-static wrist strap](#).

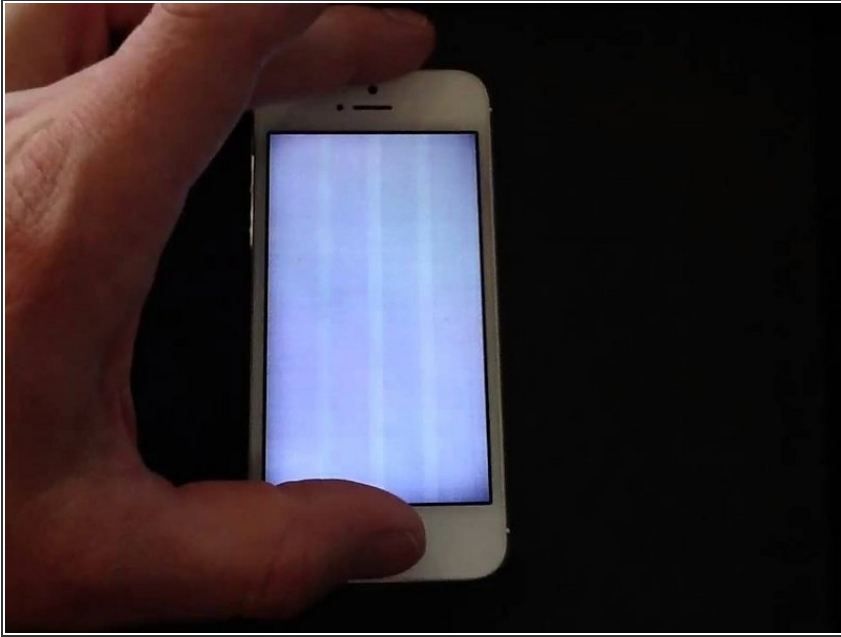
Step 2 — Check the Connection



- Check the display connections on the cables and the logic board. Dirt, dust or debris can cause a faulty connection and should be cleaned with a soft brush and high concentration isopropyl alcohol (at least 90%). Inspect the connectors and clean as necessary.

⚠ Isopropyl alcohol is a mild skin and eye irritant. Use gloves and eye protection while working with isopropyl alcohol.

Step 3 — Damaged IC Connector



- The display has an IC that could be damaged. Check particularly on the upper left and right corners. Any signs of damage indicate the part is defective and needs to be replaced with a new one.

Screens are fragile (it must be Italian)