



# iPhone Screen Replacement - What Does A Screen Comprise That Could Get Damaged

Your iPhone is not always broken or malfunctioning when you drop it. The severity of the damage to an iPhone always depends on the part that suffered the damage. The iPhone screen is composed of three different parts that include a liquid crystal display aka LCD (responsible for generating colours), wires (helping the iOS detect the touch of the user on the screen), and the outer layer (a protective glass cover). Let us look at the parts that if damaged, can require [iPhone screen replacement](#).

## What Could Lead To An iPhone Screen Replacement?

Damage to these integral parts of an iPhone screen is likely to lead to an iPhone screen replacement:

- 1. Liquid Crystal Display (LCD)** –LCD screens are a display of pixels that are interconnected with an electrical current. This current contributes to adjusting the colour of every pixel. LCD is the more typical route, but LED (light-emitting diode) backlights are also used in some phones to save power and space. The next innovation here was the OLED. This allows lighting for bending and folding phones. The LCD or LED can be damaged leading to a costly iPhone screen repair.
- 2. Protective Glass** –The protective glass is the uppermost layer of the iPhone screen. This glass is a special aluminosilicate glass. It is different from other glass panes and is generally known as Gorilla Glass. The glass specifically provides protection against scratches and breaks. The iPhone screen will be still breakable. However, using the Gorilla glass will surely lessen its chance.
- 3. Capacitive touch screen or Grid of wires** – Right beneath the protective glass, there is a grid of wires to create an electrical field. When you tap on the screen, it is interpreted as a break in the electrical area that initiates the desired activity. The most possible damage to this part occurs by water getting into the screen or if there is a direct impact on the iPhone. This could lead to an **iPhone screen replacement**.

Now, the question is How to know which part is damaged? Here are the five common signs to detect damaged LCD or LED screen:

1. Black spots, blurred sections, and discoloured areas on the screen.
2. Dead screen

3. Lines or patterns that are deeper than regular cracks on the glass.
4. Lacking touch sensitivity.

### **Get Your Phone Repaired**

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