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› Ygpmoiki LCD Touch Screen Digitizer Assembly for Samsung Galaxy A07 4G (SM-A075F)

## Ygpmoiki SM-A075F

# Instruction Manual: Ygpmoiki LCD Touch Screen Digitizer Assembly

**Brand:** Ygpmoiki

**Model:** SM-A075F, SM-A075F/DS, SM-A075M, SM-A075M/DS (Samsung Galaxy A07 4G)

## 1. INTRODUCTION

This manual provides essential information for the proper handling, installation, and testing of your Ygpmoiki LCD Touch Screen Digitizer Assembly. This replacement part is designed for the Samsung Galaxy A07 4G, specifically compatible with models SM-A075F, SM-A075F/DS, SM-A075M, and SM-A075M/DS.

**Important Safety Precaution:** The screen panel contact is highly fragile. Installation of this component should only be performed by professional personnel. Prior to any permanent installation, the display must be thoroughly tested.

## 2. PRODUCT OVERVIEW

The Ygpmoiki LCD Touch Screen Digitizer Assembly is a complete replacement unit for your device's display. It includes the LCD panel, touch screen digitizer, and associated flex cables, designed to resolve issues such as poor touch response, abnormal display, or a broken screen.

### 2.1 Package Contents

- 1x Ygpmoiki LCD Touch Screen Digitizer Assembly for Samsung Galaxy A07 4G (6.7 inches)
- 1x Set of Installation Tools

### 2.2 Compatibility

This display assembly is compatible with the following Samsung Galaxy A07 4G models:

- SM-A075F
- SM-A075F/DS
- SM-A075M

- SM-A075M/DS



Image 2.1: Front view of the Ygpmoiki LCD Touch Screen Digitizer Assembly, showing the full display and notch.

### 3. SETUP AND INSTALLATION

The display assembly is provided without a front frame. Professional installation is strongly recommended due to the delicate nature of the components.

#### 3.1 Pre-Installation Testing

Before proceeding with full installation, it is crucial to test the new display assembly. This step ensures the component is fully functional and prevents potential issues after assembly.

1. **Disconnect Power:** Ensure the device is completely powered off and the battery is disconnected before handling any internal components.
2. **Connect Flex Cables:** Carefully connect the display's flex cables to the corresponding connectors on the device's motherboard. Do not apply excessive force.
3. **Temporary Power On:** Reconnect the battery and temporarily power on the device.
4. **Test Functionality:** Check the display for any abnormalities such as dead pixels, lines, color distortions, or flickering. Test the touch screen responsiveness across the entire surface.

5. **Power Off:** If the display functions correctly, power off the device and disconnect the battery before proceeding with the full installation. If issues are observed, do not proceed with installation and contact support.



Image 3.1: Close-up of the display's flex cables, which connect to the motherboard for testing and installation.



Image 3.2: Rear view of the display assembly, highlighting the delicate flex cable connections.

## 4. OPERATING (POST-INSTALLATION)

Once the display assembly is fully installed, the device should operate as normal. The LCD provides visual output, and the digitizer enables touch input.

### 4.1 Initial Power-On

After completing the installation, power on your device. The screen should display the boot-up sequence clearly. Verify that all touch functions are working correctly by navigating through menus and typing.

### 4.2 Touch Screen Functionality

Test the touch screen by opening an application that allows drawing or precise touch input. Ensure there are no 'dead spots' or areas where touch input is unresponsive or inaccurate.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your new display, follow these general maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth, slightly dampened with water or a screen-specific cleaner, to gently wipe the screen. Avoid harsh chemicals or abrasive materials.
- **Protection:** Consider using a screen protector and a protective case to guard against scratches and impacts.
- **Avoid Pressure:** Do not apply excessive pressure to the screen, as this can damage the LCD panel or digitizer.
- **Temperature:** Avoid exposing the device to extreme temperatures, which can affect screen performance and lifespan.

## 6. TROUBLESHOOTING

If you encounter issues after installation, consider the following troubleshooting steps:

- **No Display or Abnormal Display:**
  - Ensure all flex cables are securely connected to the motherboard.
  - Check for any visible damage to the flex cables or connectors.
  - Re-perform the pre-installation test if possible.
- **Unresponsive Touch Screen:**
  - Verify the touch screen flex cable is properly seated.
  - Restart the device.
  - Ensure there is no debris or liquid between the screen and your finger/stylus.
- **Flickering or Discolored Screen:**
  - Check for loose connections.
  - Ensure the display is not under physical stress from the device's frame.

If these steps do not resolve the issue, it is recommended to seek assistance from a qualified technician.

## 7. SPECIFICATIONS

|                    |                                     |
|--------------------|-------------------------------------|
| Item Type          | LCD Touch Screen Digitizer Assembly |
| Display Type       | LCD                                 |
| Screen Size        | 6.7 inches (17 cm)                  |
| Resolution         | 720 x 1600 pixels                   |
| Color              | Black                               |
| Product Dimensions | 16.26 x 73.66 x 0.76 cm             |
| Item Weight        | 110 grams                           |
| Model Number       | for Samsung Galaxy A07 4G SM-A075F  |

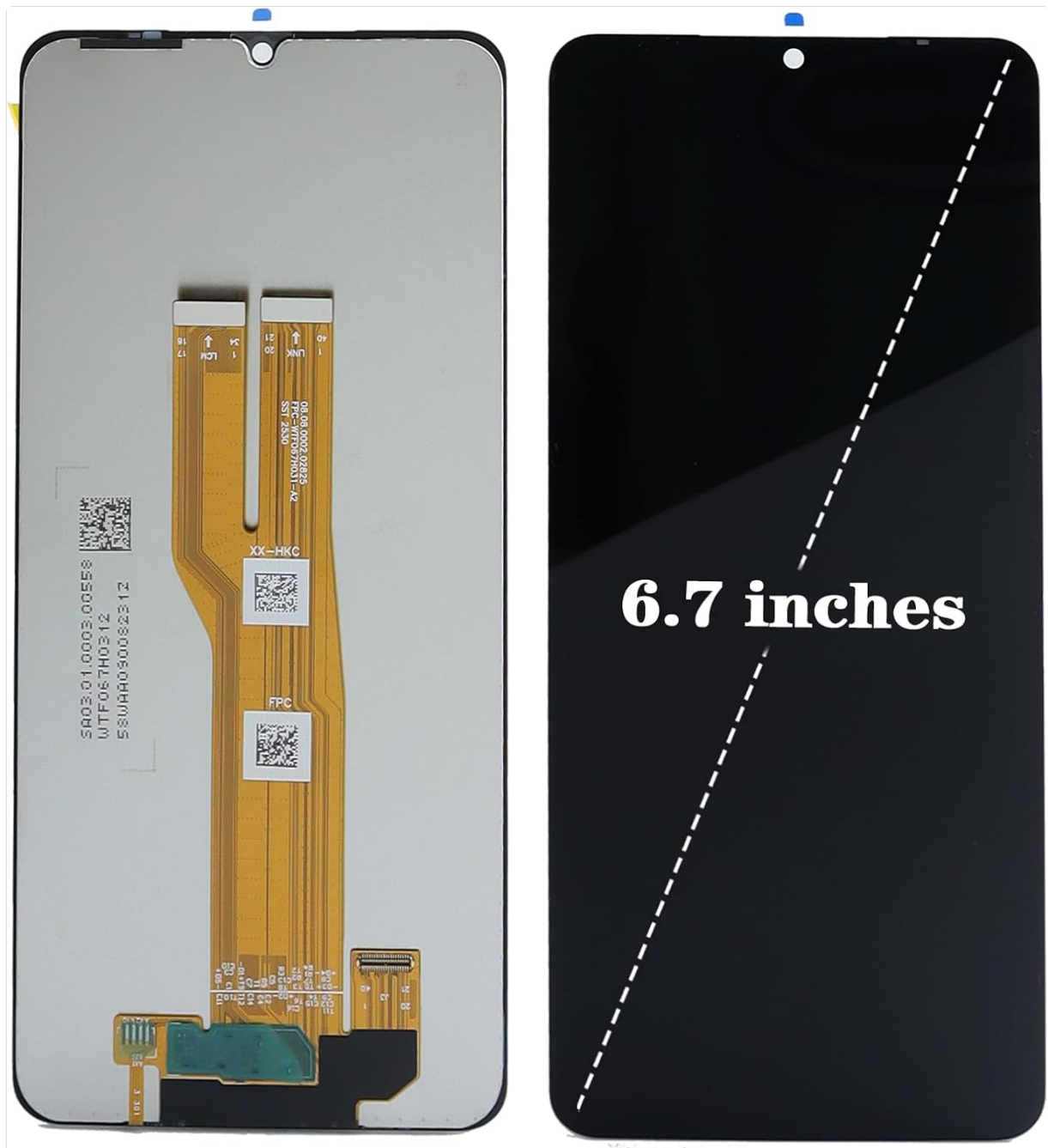


Image 7.1: The display assembly, illustrating its 6.7-inch diagonal screen size.

## 8. WARRANTY AND SUPPORT

Specific warranty terms for this product are provided by the seller or manufacturer at the time of purchase. Please refer to your purchase documentation or contact the seller directly for detailed warranty information.

For technical support or assistance with installation, please contact the retailer or manufacturer from whom you purchased this product. Ensure you have your purchase details and product model number readily available.