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› for TCL 30 SE 6165H 6165A LCD Display Touch Screen Digitizer Replacement 6.52"

Ygpmoiki 30 SE 6165H 6165A

User Manual: TCL 30 SE LCD Display Touch Screen Digitizer Replacement

Brand: Ygpmoiki

1. PRODUCT OVERVIEW

This manual provides essential information for the Ygpmoiki LCD Display Touch Screen Digitizer Replacement, specifically designed for the TCL 30 SE (models 6165H and 6165A) with a 6.52-inch screen. This component is intended to replace a damaged or malfunctioning original display, addressing issues such as dead touch, slow response, unresponsive screen areas, or broken glass.



Figure 1: Front and back view of the Ygpmoiki LCD Display Touch Screen Digitizer Replacement for TCL 30 SE.

2. IMPORTANT SAFETY INFORMATION AND PRECAUTIONS

Replacing a mobile phone display requires technical expertise and precision. Improper installation can lead to further damage to your device or the new component. It is highly recommended that installation be performed by a qualified professional.

- **Professional Installation Recommended:** Due to the delicate nature of electronic components, professional installation is strongly advised.
- **Environment:** Perform the repair in a dry, dust-free environment, away from direct sunlight.
- **Static Electricity:** Take precautions against static electricity, which can damage electronic components. Consider using an anti-static wrist strap.
- **Battery Disconnection:** Always disconnect the phone's battery before beginning any repair work to prevent short circuits or damage.

- **Flex Cables:** Handle the flex cables with extreme care. They are fragile and easily damaged. Do not bend them excessively.
- **Pre-Installation Test:** Before fully installing the screen, connect the flex cables to the motherboard and test the display and touch functionality. Do not remove protective films or adhesive until the component is confirmed to be fully functional.

3. SETUP AND INSTALLATION (OVERVIEW)

This section provides a general overview of the installation process. For detailed, step-by-step instructions, please consult specific repair guides or videos for the TCL 30 SE model, or seek assistance from a professional technician.

1. **Preparation:** Ensure your workspace is clean, well-lit, and free of static. Gather all necessary tools. A basic tool set is typically included with the replacement screen.
2. **Disassembly:** Carefully disassemble your TCL 30 SE phone, following a reliable guide. This usually involves removing the back cover, screws, and disconnecting the battery and old display cables.
3. **Old Display Removal:** Gently remove the damaged display. Heat may be required to loosen adhesive.
4. **Clean Frame:** Thoroughly clean any old adhesive residue from the phone's frame.
5. **Pre-Installation Test:** Connect the new display's flex cables to the phone's motherboard. Power on the phone to test the display, touch response, and any other relevant functions (e.g., brightness, color accuracy). *Do not apply adhesive or fully install the screen until this test is successful.*
6. **Installation:** If the test is successful, power off the phone, disconnect the cables, remove any protective films from the new display, and apply new adhesive (if not pre-applied). Carefully align and press the new display into the phone's frame.
7. **Reassembly:** Reconnect all cables, reassemble the phone, and secure all screws and covers.



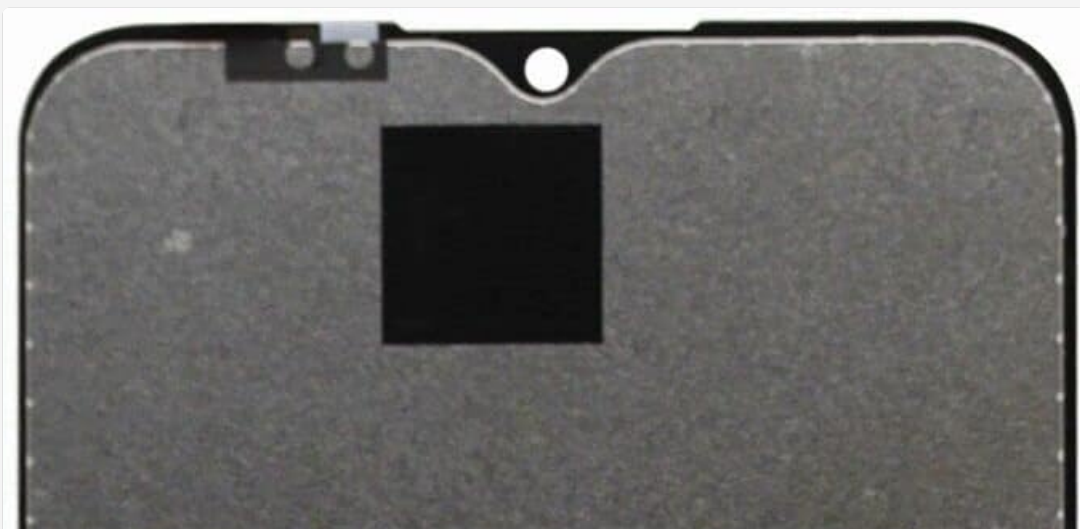
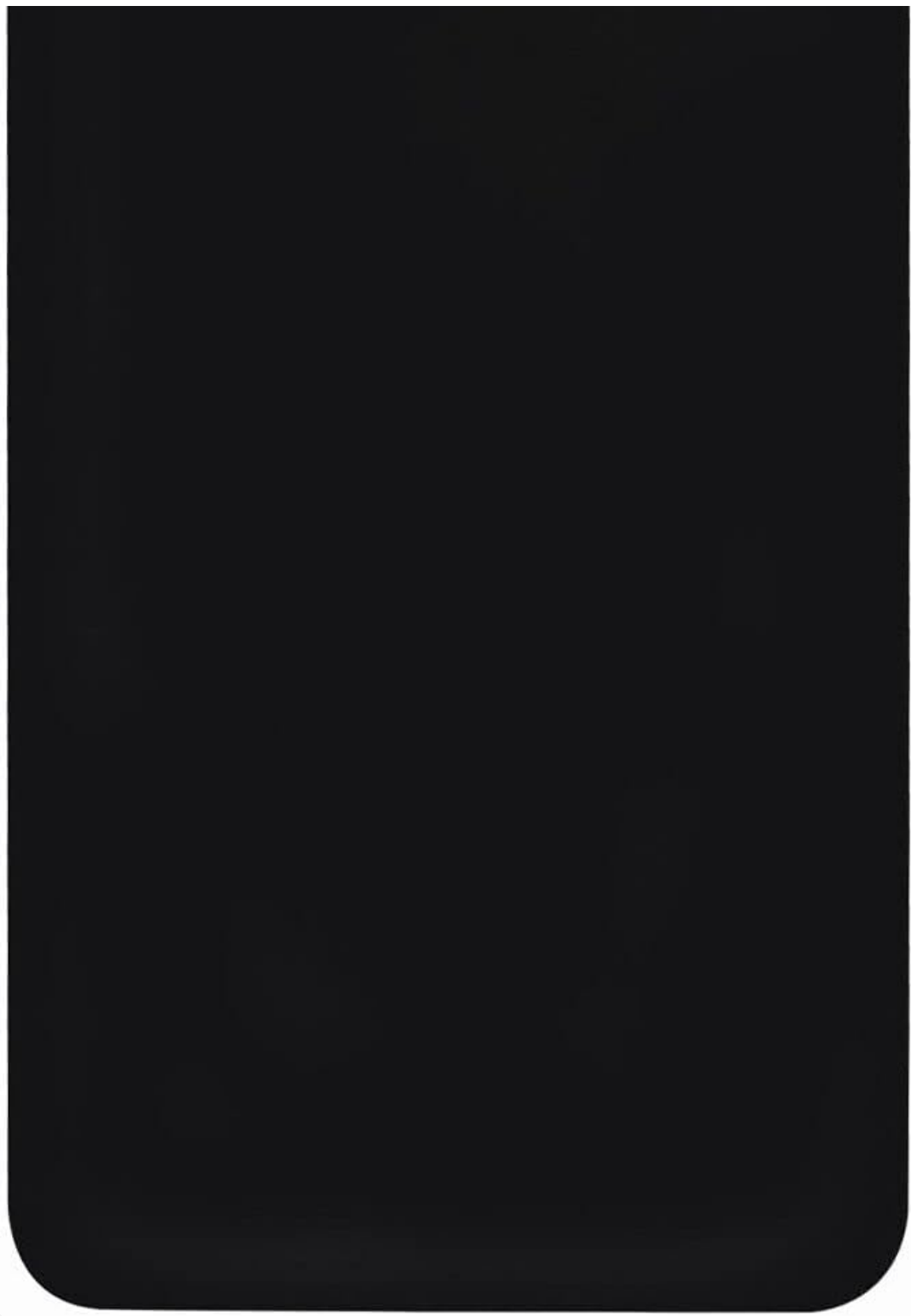




Figure 2: Front (left) and back (right) views of the replacement display, highlighting the delicate flex cables on the rear.

4. OPERATING AND TESTING THE DISPLAY

Once the display is connected (during pre-installation testing) or fully installed, you can operate and test its functionality:

- **Power On:** Turn on your phone. The screen should illuminate and display the boot-up sequence.
- **Visual Inspection:** Check for any dead pixels, discoloration, or uneven backlighting.
- **Touch Functionality:**
 - *Single Touch:* Tap icons and navigate through menus to ensure responsiveness.
 - *Multi-Touch:* Test pinch-to-zoom functionality in apps like the gallery or browser.
 - *Touch Grid Test:* Many Android phones have a hidden developer option or diagnostic menu (often accessed by dialing a specific code like *#0*# or similar, depending on the phone model) that allows you to draw on the screen to check for unresponsive areas.
 - *Edge Sensitivity:* Ensure the edges of the screen respond correctly to touch inputs.
- **Brightness Adjustment:** Verify that the screen brightness can be adjusted smoothly from minimum to maximum.

5. MAINTENANCE AND CARE

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

- **Screen Protection:** Consider using a screen protector (tempered glass or film) to guard against scratches and minor impacts.
- **Cleaning:** Use a soft, lint-free microfiber cloth to clean the screen. For stubborn smudges, slightly dampen the cloth with water or a specialized screen cleaner. Avoid harsh chemicals, abrasive materials, or excessive moisture.
- **Avoid Pressure:** Do not apply excessive pressure to the screen, especially when carrying the phone in a pocket or bag with other objects.
- **Temperature Extremes:** Avoid exposing the phone to extreme temperatures (very hot or very cold), as this can affect LCD performance and lifespan.
- **Impact Protection:** Use a protective case for your phone to minimize damage from accidental drops.

6. TROUBLESHOOTING

If you encounter issues after installing the new display, consider the following troubleshooting steps:

- **Screen Not Turning On / Black Screen:**
 - Ensure all flex cables are securely and correctly connected to the motherboard.
 - Check for any visible damage to the flex cables or connectors on the new display or motherboard.
 - Verify the phone's battery is charged.

- Perform a hard reset on the phone (refer to your phone's specific instructions for this).

- **Unresponsive Touch / Dead Spots:**

- Ensure the touch digitizer flex cable is properly seated.
- Clean the connectors on both the display and the motherboard for any dust or debris.
- Restart the phone.
- If the issue persists, the display unit itself might be faulty.

- **Display Flickering / Lines on Screen:**

- Check the display flex cable for any kinks, tears, or improper seating.
- Ensure there is no pressure being applied to the display from inside the phone (e.g., misaligned components).
- This could indicate a faulty display or a motherboard issue.

- **Backlight Issues (Too Dim, Uneven):**

- Verify the backlight flex cable connection.
- Check phone settings for brightness levels.
- Could be a faulty backlight component within the display.

If troubleshooting steps do not resolve the issue, it is recommended to contact the seller or a professional repair service for further assistance.

7. PRODUCT SPECIFICATIONS

Feature	Detail
Compatibility	For TCL 30 SE (Models 6165H, 6165A)
Screen Size	6.52 inches
Type	LCD Display Touch Screen Digitizer Replacement
Color	Black
Item Weight	4.2 ounces
Package Dimensions	6.69 x 3.54 x 0.39 inches
Manufacturer	Ygpmoiki
Included in Box	1pcs LCD Screen Replacement for TCL 30 SE 6165H 6165A, and a Set of Tools

8. WARRANTY AND SUPPORT

For information regarding the warranty period and terms for this product, please refer to the purchase

documentation or contact the seller directly. Warranty coverage typically addresses manufacturing defects and does not cover damage caused by improper installation, misuse, or accidental damage.

If you require technical support, have questions about the product, or need assistance with a warranty claim, please contact the seller or manufacturer, Ygpmoiki, through the platform where the purchase was made.

Providing your order number will help expedite the support process.