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MMOBIEL Samsung Galaxy Tab 3 P5200 P5210

MMOBIEL Dock Connector Replacement for Samsung Galaxy Tab 3 (GT-P5200/P5210)

Installation and Usage Guide

1. INTRODUCTION

This manual provides detailed instructions for replacing the dock connector, charging port, headphone port, and microphone flex cable on your Samsung Galaxy Tab 3 10.1 inch (models GT-P5200 and GT-P5210) using the MMOBIEL replacement kit. This component is essential for charging your device and for the proper function of audio input/output.

2. PRODUCT OVERVIEW

The MMOBIEL Dock Connector is a comprehensive replacement part designed to restore charging capabilities and audio functions to your Samsung Galaxy Tab 3. It includes the Micro USB charging port, headphone port, and microphone, all integrated into a single flex cable for a precise fit.



Image 1: Overview of the MMOBIEEL Dock Connector Flex Cable.

3. COMPATIBILITY

This replacement part is compatible with the following Samsung Galaxy Tab 3 10.1 inch models:

- Samsung Galaxy Tab 3 GT-P5200
- Samsung Galaxy Tab 3 GT-P5210

Important: Before proceeding with installation, verify your device's model number. This can typically be found on the back of your tablet or within the device settings under 'About tablet'.

4. PACKAGE CONTENTS

The MMOBIEEL Dock Connector replacement kit typically includes:

- 1x Dock Connector Charging Port Flex Cable
- 2x Screwdrivers (Phillips and Flathead)



Image 2: Example of screwdrivers included in the kit.

5. SAFETY INFORMATION

Repairing electronic devices requires caution. Please observe the following safety guidelines:

- **Power Off Device:** Ensure your tablet is completely powered off before beginning any repair.
- **Disconnect Battery:** Always disconnect the battery as one of the first steps to prevent short circuits.
- **Static Electricity:** Work in a static-free environment. Consider using an anti-static wrist strap.
- **Delicate Components:** Handle all internal components, especially flex cables and connectors, with extreme care.
- **Organize Screws:** Keep track of all screws and their original locations, as they can vary in size and length.
- **Professional Assistance:** If you are uncomfortable with any step, seek professional repair assistance.

6. INSTALLATION GUIDE

This section outlines the general steps for replacing the dock connector. Specific details may vary, and it is highly recommended to consult online video tutorials for your exact tablet model (e.g., search YouTube for "Samsung Galaxy Tab 3 P5200/P5210 dock connector replacement").

Required Tools:

- Small Phillips head screwdriver (usually included)
- Small flathead screwdriver (usually included)
- Plastic opening tools (spudgers) or guitar picks
- Heat gun or hairdryer (optional, for softening adhesive)
- Tweezers (optional, for handling small components)

Step-by-Step Procedure:

1. **Prepare Your Workspace:** Ensure a clean, well-lit, and static-free area.
2. **Power Off Device:** Completely shut down your Samsung Galaxy Tab 3.
3. **Remove Back Cover:** Carefully use plastic opening tools or guitar picks to pry open the back cover of the tablet. Start from a corner and work your way around the edges. Apply gentle heat if the adhesive is too strong.
4. **Disconnect Battery:** Locate the battery connector on the motherboard and carefully disconnect it. This is a critical safety step.
5. **Locate and Remove Old Dock Connector:** Identify the existing dock connector flex cable. It will be connected to the motherboard and the Micro USB port at the bottom of the tablet. Carefully disconnect any ribbon cables and unscrew any retaining screws. Gently peel off the old flex cable if it is adhered.



Image 3: Detail of the Micro USB port on the replacement flex cable.

6. **Install New Dock Connector:** Position the new MMOBIEL dock connector flex cable in the same location as the old one. Ensure all connection points align correctly.



Image 4: Another view of the flex cable, showing connection points.

7. **Connect Flex Cables:** Carefully re-connect all ribbon cables to the motherboard. Ensure they are seated firmly and correctly.
8. **Reconnect Battery:** Reconnect the battery connector to the motherboard.
9. **Test Functionality:** Before sealing the device, briefly power on the tablet to test if it charges and if the headphone/microphone functions are restored. If issues arise, refer to the Troubleshooting section.
10. **Reassemble Device:** If tests are successful, carefully snap the back cover back into place, ensuring all clips engage properly.

7. OPERATING INSTRUCTIONS

After successful installation, the dock connector will enable the following functions:

- **Charging:** Connect a compatible Micro USB charging cable to the port and a power source. The tablet should indicate charging.

- **Data Transfer:** Connect the tablet to a computer via a Micro USB cable for data transfer.
- **Headphone/Audio Output:** Plug standard 3.5mm headphones into the headphone jack for audio output.
- **Microphone Input:** The integrated microphone will function for voice recording, calls, and voice commands.

8. MAINTENANCE

To ensure the longevity of your new dock connector:

- **Gentle Handling:** Always insert and remove charging cables and headphone jacks gently. Avoid forcing connections.
- **Cleanliness:** Keep the charging port free of dust and debris. Use a soft, dry brush or compressed air if necessary.
- **Avoid Stress:** Do not bend or twist the charging cable while it is connected to the tablet.

9. TROUBLESHOOTING

If you encounter issues after installation, consider the following:

Problem	Possible Cause	Solution
Tablet not charging	Loose connection; faulty cable/charger; battery not reconnected.	Check all flex cable connections. Ensure battery is properly connected. Try a different charging cable and adapter.
Headphones not working	Headphone jack not fully connected; faulty headphones.	Ensure headphones are fully inserted. Test with another pair of headphones. Recheck flex cable connection.
Microphone not picking up sound	Microphone component not connected; software issue.	Verify the microphone component on the flex cable is properly seated. Check tablet audio settings.
Tablet does not power on	Battery not connected; other internal damage.	Ensure the battery is securely reconnected. Double-check all internal connections. If still unresponsive, professional diagnosis may be required.

10. SPECIFICATIONS

Feature	Detail
Brand	MMOBIEL
Compatible Models	Samsung Galaxy Tab 3 10.1 inch (GT-P5200, GT-P5210)
Connector Type	Micro USB
Cable Type	Flex Cable
Recommended Uses	Charging, Headphone/Microphone usage, Replacement of damaged charging port
Item Weight	9.98 g (0.353 ounces)
Package Dimensions	7.24 x 4.57 x 0.24 inches

11. WARRANTY

Specific warranty information for this MMOBIEL replacement part is not provided in the product details. Please refer to the retailer or MMOBIEL's official website for their current warranty policy.

12. SUPPORT

For further assistance or inquiries regarding your MMOBIEL product, please visit the official [MMOBIEL Store on Amazon](#) or contact their customer support channels as listed on their website.

