

HMD Crest Max Screen Replacement



Introduction

Follow this guide to replace a Screen on your HMD Crest Max smartphone.

Tools needed

- 1 × SIM Card Eject Tool
- 1 × Opening Pick
- 1 × Tweezer
- 1 × Crosshead Screwdriver
- 1 × Spudger

To reassemble your device, follow these instructions in reverse order.

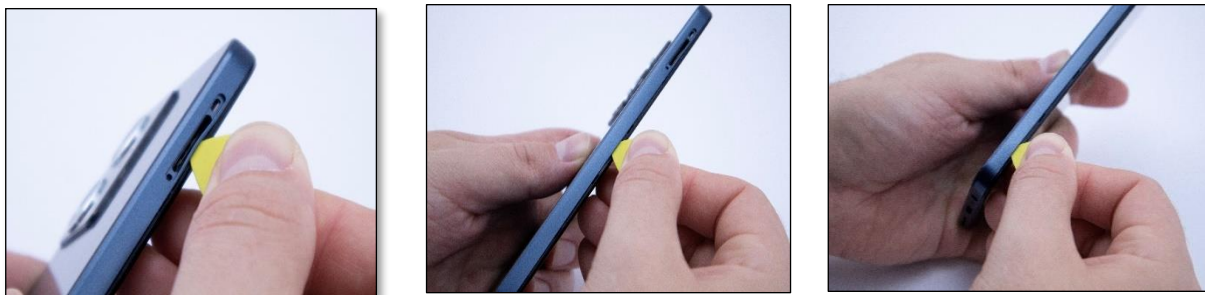
Disassembly Steps

Step 1: Eject the SIM card tray



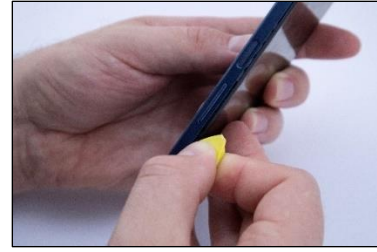
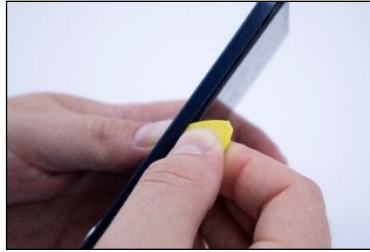
- Turn off your device and remove all attached cables
- Take the SIM opener tool and push the opener tool in the SIM tray hole on the upper left side of the device until the SIM tray pops out
- Remove the SIM card tray

Step 2: Separate the back cover



- Insert the opening tool under the small edge in the SIM card tray slot
- Slide the opening tool along the side
- Continue to slide the opening tool around the corner to the bottom side

Step 3: Continue sliding



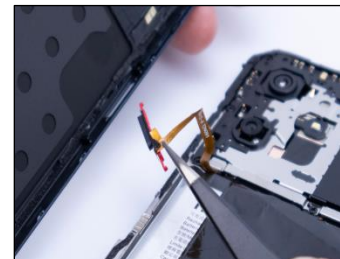
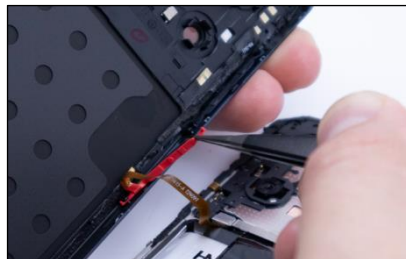
- Continue sliding the opening tool along the bottom side
- Slide the opening tool along the other side of the phone
- Continue to slide the opening tool along the other side of the phone and through the top side

Step 4: Open the Back Cover



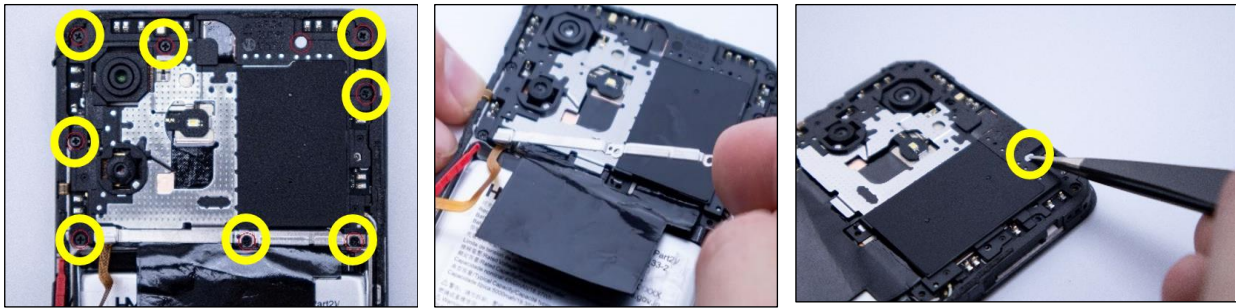
- When reached around, check the phone carefully that the back cover is released on all sides
- Flip the back cover carefully
- Take care not to strain or tear the attached fingerprint reader cable during this procedure

Step 5: Remove the Fingerprint Cable



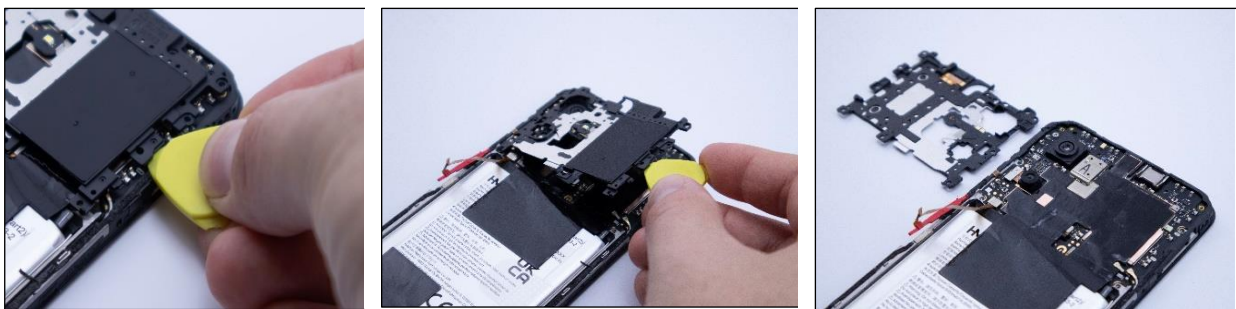
- Take a note of the actual location and position of fingerprint reader cable for later assembly
- Use the tweezers to lift the fingerprint reader out of back cover
- Remove the fingerprint reader
- Now you can remove the back cover from the device

Step 6: Remove Screws



- Using the screwdriver remove the 8 pcs visible screws
- After removing the 3 bottom screws remove the metal plate by lifting its right edge
- Remove the vulnerable label and remove the screw from below

Step 7: Lift The Motherboard Cover



- Insert the opening tool under the right edge of the motherboard cover and carefully lift it

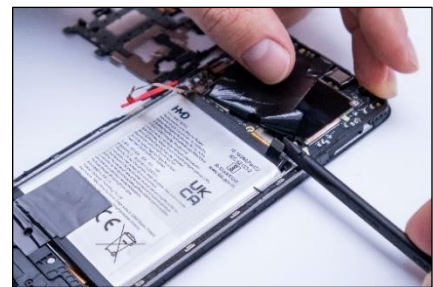
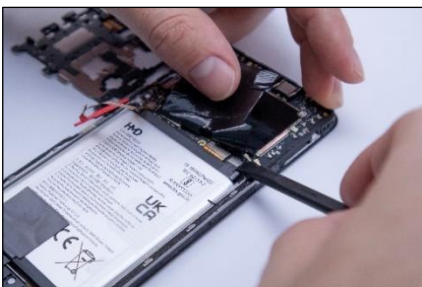
- Lift the motherboard cover
- Put the motherboard cover to the side

Step 8: Fold The Black Foil



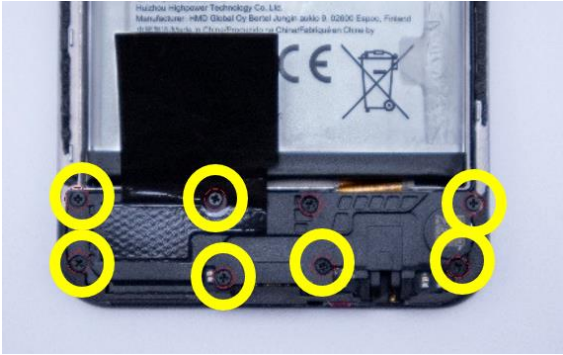
- By using your fingers, an opening tool - Spudger or a tweezer fold the black foil at the top of the battery
- Take care not to puncture the battery with sharp tools as a punctured or creased battery may leak dangerous chemicals or cause a fire

Step 9: Disconnect Battery from The Motherboard



- Keep hold the black foil and by using Spudger and disconnect the battery flex cable from the motherboard
- Take care not to puncture the battery with sharp tools as a punctured or creased battery may leak dangerous chemicals or cause a fire
- Disconnect the battery cable

Step 10: Remove Screws



- Remove the 7 pcs visible screws from the bottom of the phone
- Remove the vulnerable label and remove the screw from below

Step 11: Remove Speaker Box



- Reach underneath from the right side with an opening tool - prime set or opening tool and lift the speaker box to remove it
- Put the speaker box to aside

Step 12: Disconnect the Main Flex



- Disconnect the main flex cable from the charging port circuit, use Spudger or opening stick

Step 13: Disconnect Coax Cables



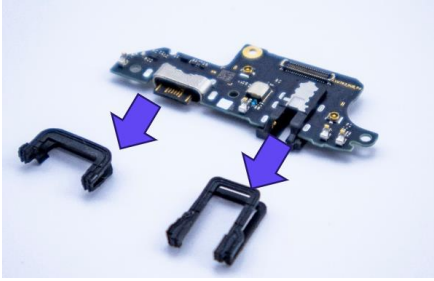
- On the bottom right side carefully disconnect the black coax cable by using the tweezers
- Please take a note of its position
- On the bottom middle side carefully disconnect the white coax cable by using the tweezers
- Please take a note of its position

Step 14: Remove The Charging Port



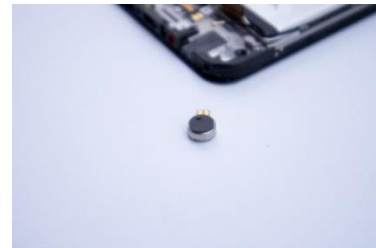
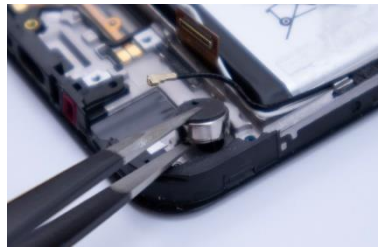
- Lift the charging port with the tip of Spudger
- Check the picture for proper lift position
- Charging port removed

Step 15: Remove Rubber Covers



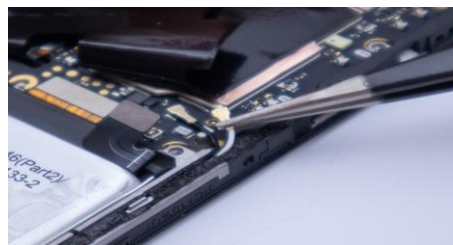
- Remove the rubber parts from the charging port

Step 16: Remove the Vibra Motor



- Carefully reach under the Vibra motor on the bottom right side of the phone and remove it
- Avoid damaging the Vibra motor
- Vibra removed

Step 17: Disconnect The Coax Cables on The Top Side



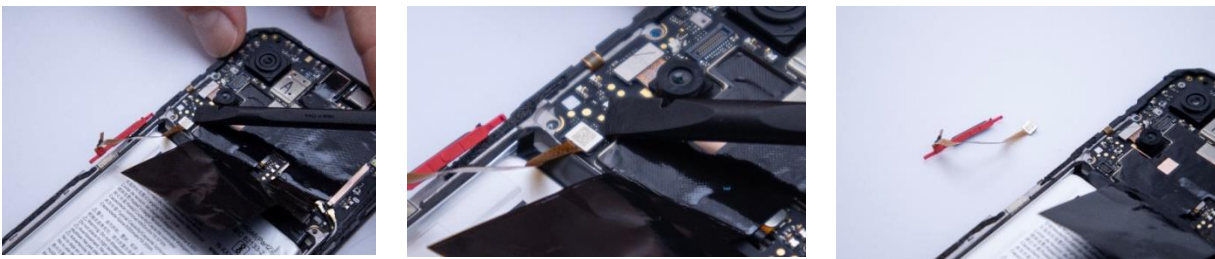
- Fold the black foil on the top side and underneath you will find the white and black coax cables. Use the tweezers to disconnect them
- Carefully remove the white coax cable from the screen frame
- Then disconnect the black coax cable

Step 18: Disconnect Main Flex Cable



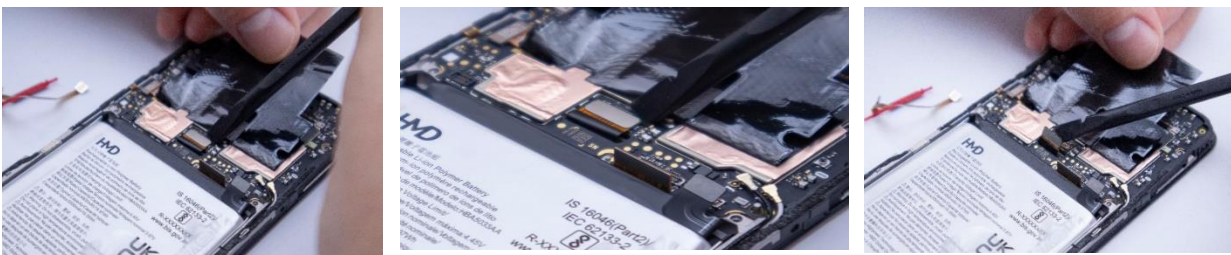
- Fold the black foil on the top side and underneath you will find the main flex connector. Use an opening tool - prime set to disconnect it
- Take care of the small parts of the main board not to damage them

Step 19: Disconnect the Fingerprint



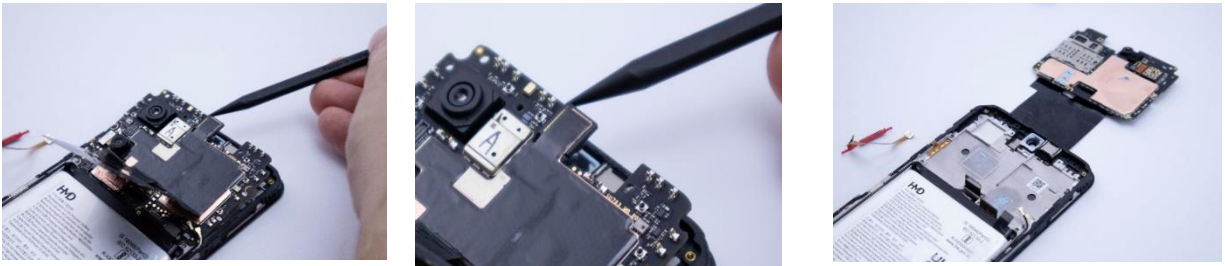
- On the left side of the phone, you will find the fingerprint connector. Use an Spudger to disconnect
- Take care of the small parts of the main board not to damage them
- Start lifting on the right side of the connector
- Put the removed fingerprint connector to aside

Step 20: Disconnect the Screen Connector



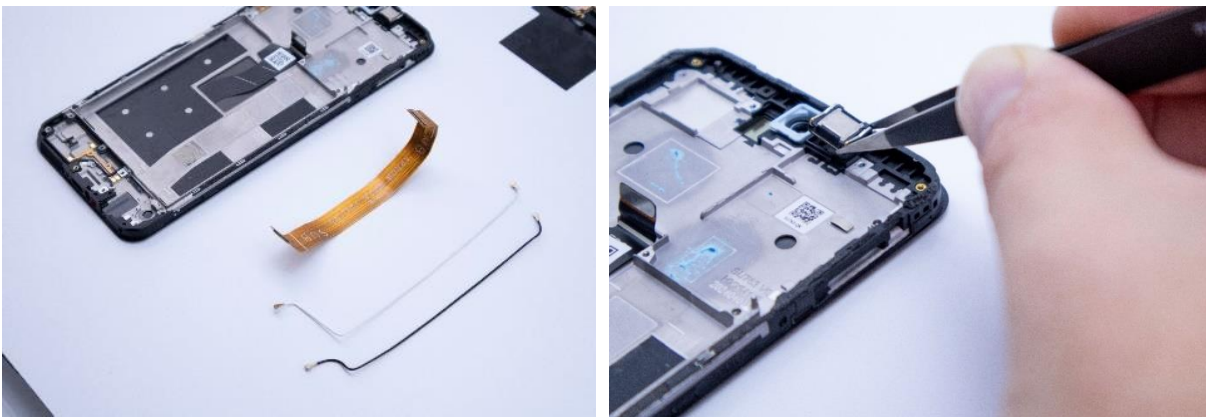
- In the middle of the phone, you will find the display connector. Use an opening tool - prime set to disconnect it
- Take care of the small parts of the main board not to damage them
- Start lifting on the right side of the connector
- Gently disconnect the screen connector

Step 21: Remove Main Board



- By using the opener tool lift the main board
- Start lifting at the shown position
- Remove the main board from the phone

Step 22: Remove the Main Flex Cable and The Coax Cables



- Underneath the battery you will find the main flex cable
- On the right side of the phone, you will find the disconnected white and black coax cables
- Also remove these
- By using a tweezer remove the speaker from the screen frame