

# HMD Crest Max Charging Board Replacement



## Introduction

Follow this guide to replace a Charging Board 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.

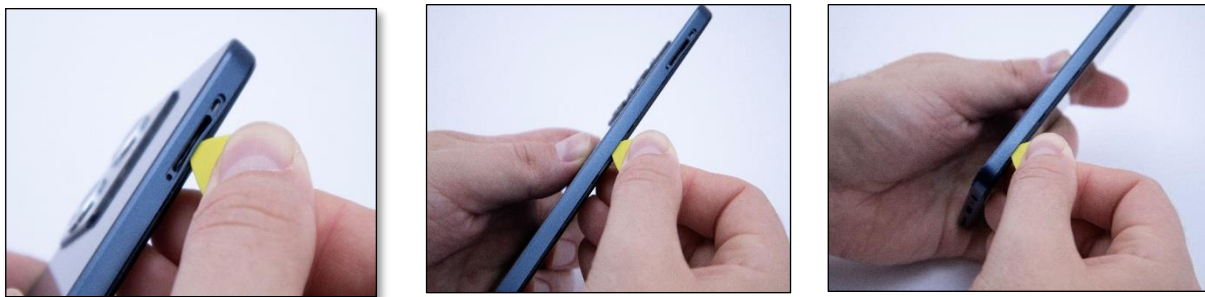
## Disassembly Steps

### Step 1: Eject the SIM card tray



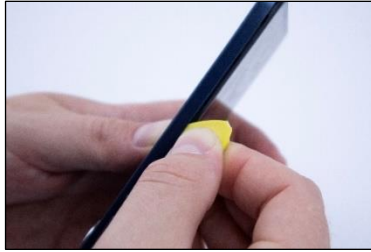
- Turn off your device and remove all attached cables
- Take the SIM opener tool and push the opener tool in the SIM tray hole on the upper left side of the device until the SIM tray pops out
- Remove the SIM card tray

### 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



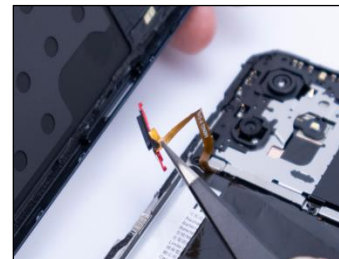
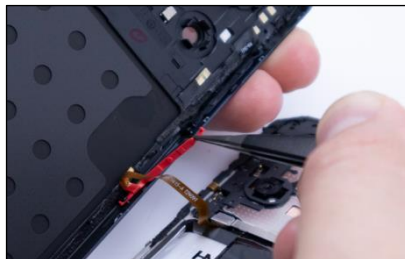
- Continue sliding the opening tool along the bottom side
- Slide the opening tool along the other side of the phone
- Continue to slide the opening tool along the other side of the phone and through the top side

#### Step 4: Open the Back Cover



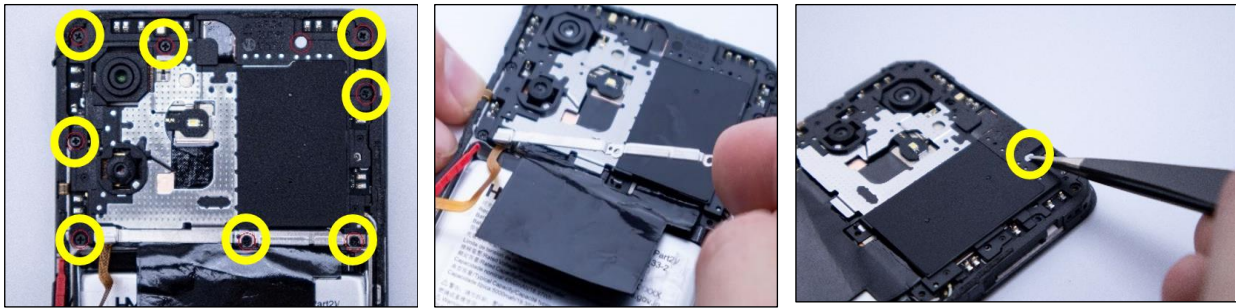
- When reached around, check the phone carefully that the back cover is released on all sides
- Flip the back cover carefully
- Take care not to strain or tear the attached fingerprint reader cable during this procedure

#### Step 5: Remove the Fingerprint Cable



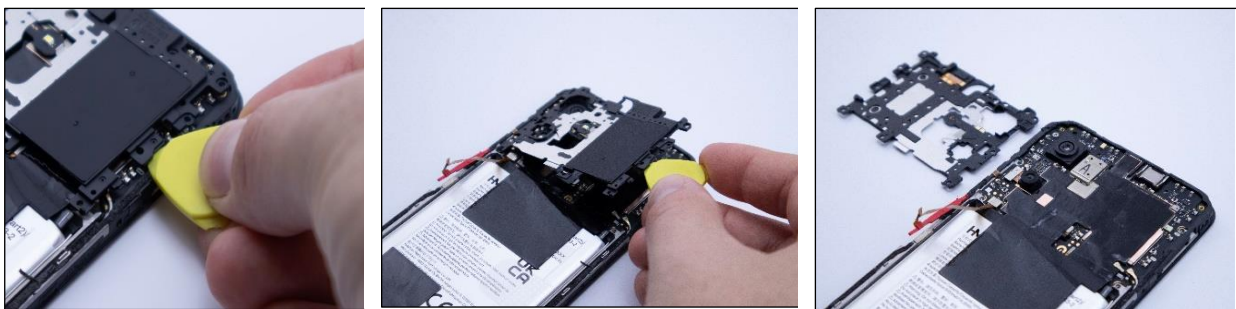
- Take a note of the actual location and position of fingerprint reader cable for later assembly
- Use the tweezers to lift the fingerprint reader out of back cover
- Remove the fingerprint reader
- Now you can remove the back cover from the device

### 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

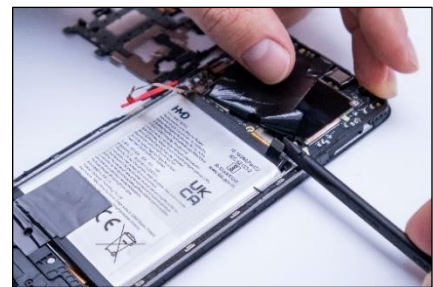
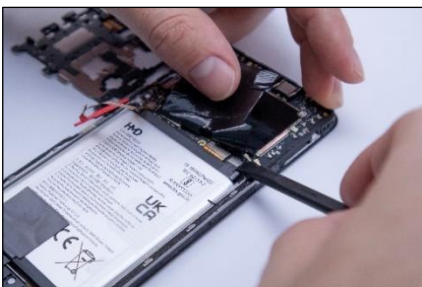
- Lift the motherboard cover
- Put the motherboard cover to the side

### Step 8: Fold The Black Foil



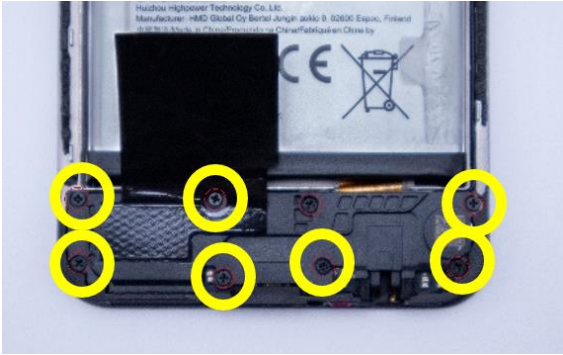
- By using your fingers, an opening tool - Spudger or a tweezer fold the black foil at the top of the battery
- Take care not to puncture the battery with sharp tools as a punctured or creased battery may leak dangerous chemicals or cause a fire

### 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



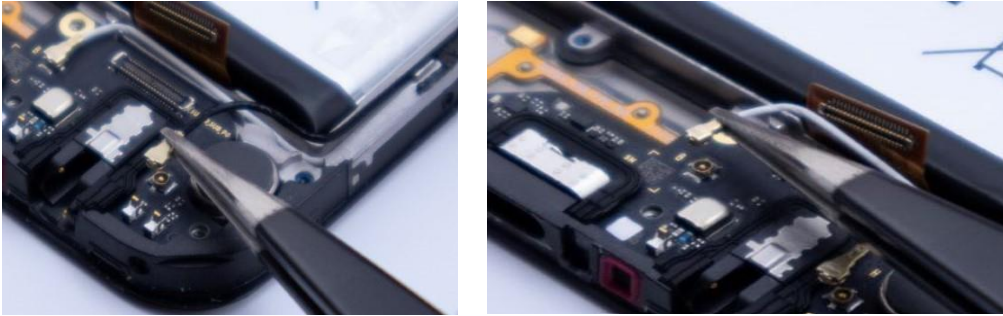
- Reach underneath from the right side with an opening tool - prime set or opening tool and lift the speaker box to remove it
- Put the speaker box to aside

Step 12: Disconnect the Main Flex



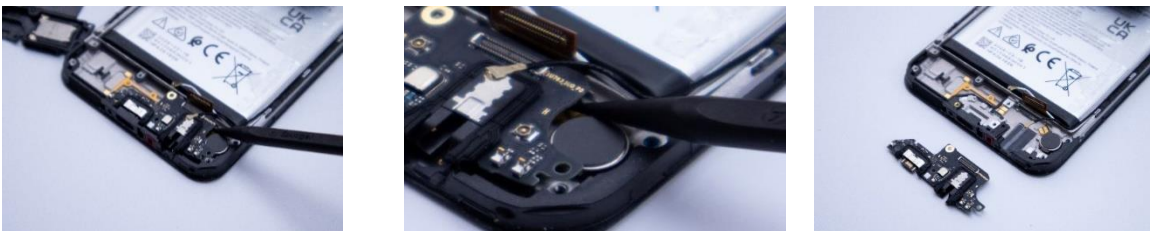
- Disconnect the main flex cable from the charging port circuit, use Spudger or opening stick

### 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

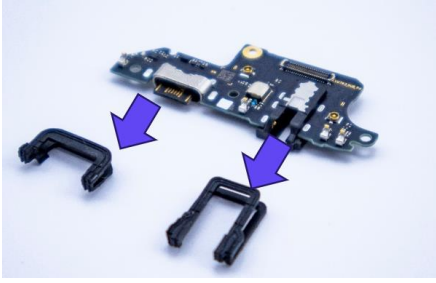
### Step 14: Remove The Charging Port



- 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