

Instructions of How to Disassemble the X7 Amp Module



Tools required



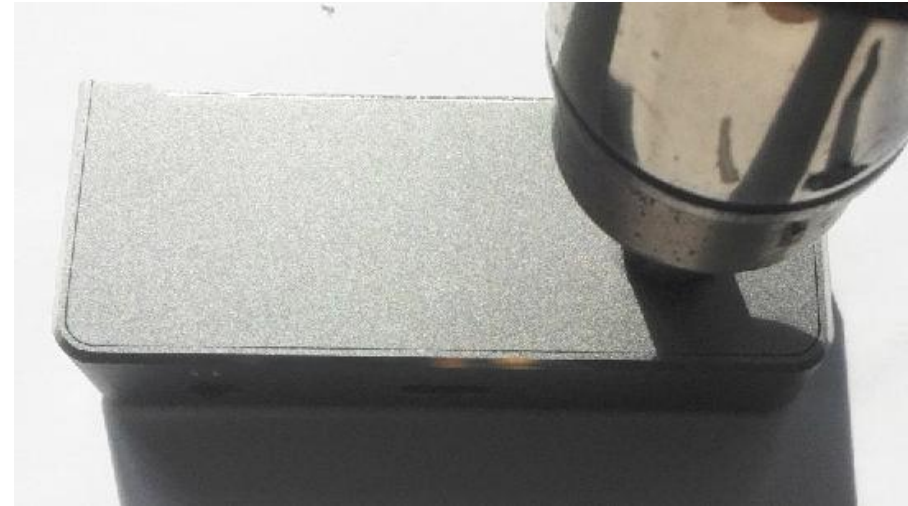
PH0 Cross Screwdriver, T5 screwdriver, Tweezers (tips wrapped with masking tap), Art Knife (blade wrapped with masking tape), Hot Air Gun

Step 1. Separate the amp module from the X7 body



Use the T5 screwdriver to remove the screws at the left/right sides of the amp module, then separate the amp module from the X7 body

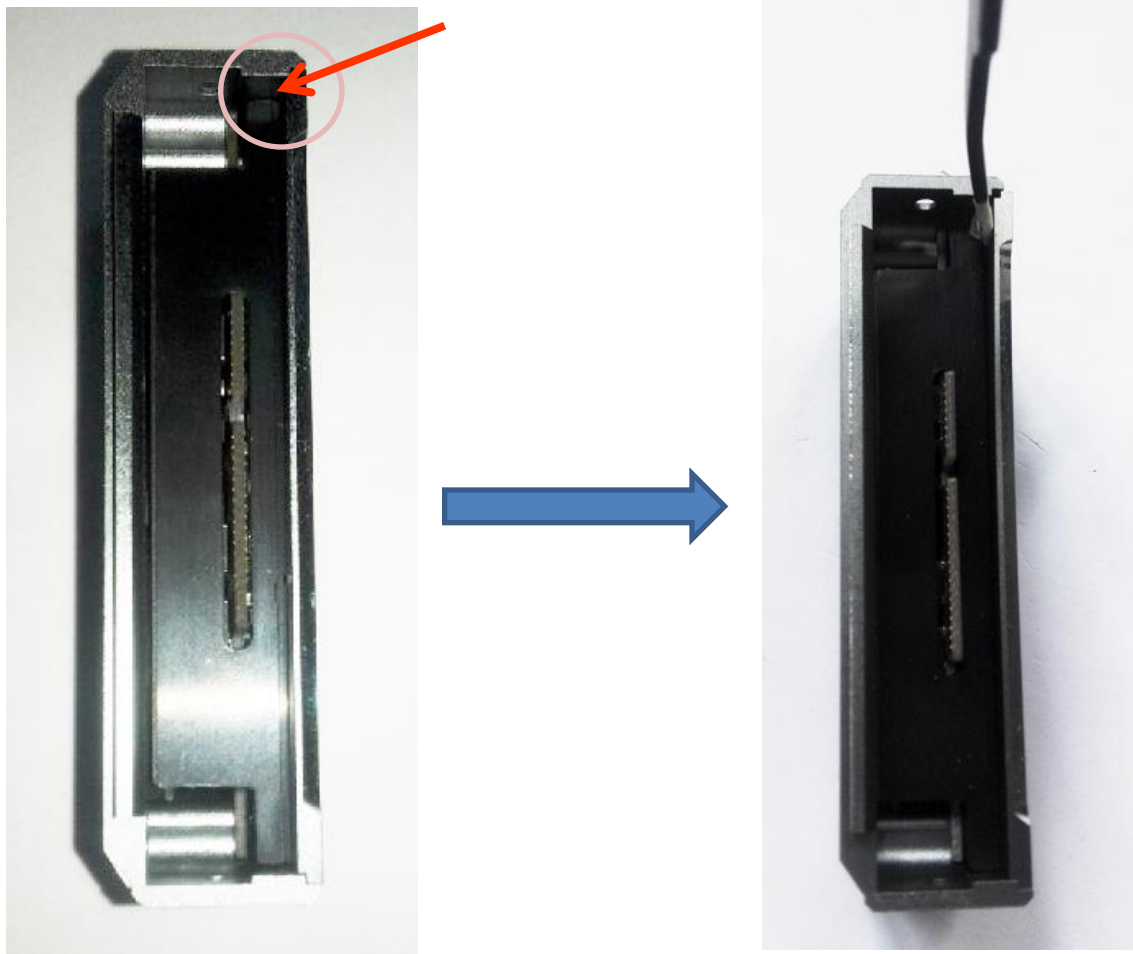
Step 2. Heat the right side of the module front cover



Set the temperature of the hot air gun to around 100 °C, and then blow hot air to the right side of the front cover (as marked in the above image) for 1~3 minutes

*Note: the muzzle of the hot air gun should be put close to the heated spot, but not in touch with it (suggested to keep a distance of 1~5 mm).
And the temperature should not be too high, otherwise it may cause damage to the plastic frame inside*

Step 3. Insert the tweezer tip into the module



Insert the tweezer tip slowly into the gap at the right corner of the module (as marked in the above image) until it's getting 5~10mm deep

Note: Please move the tweezer tip slowly when inserting and be careful not to make any scratches on the front cover

Step 4. Reheat the right side of the front cover



Reheat the right side of the front cover (as marked in the above image) with hot air gun for 30 ~ 60 seconds

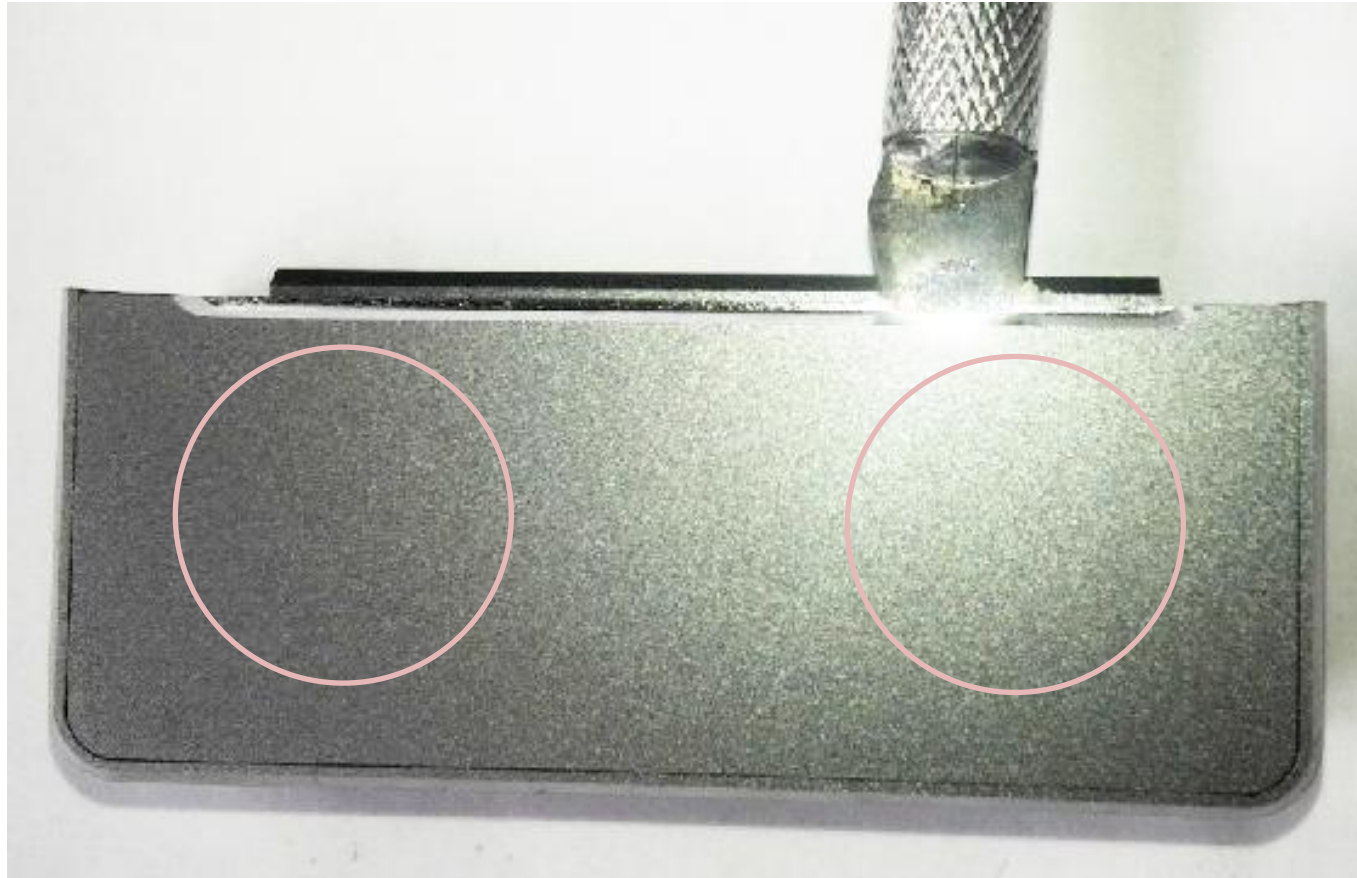
Step 5. Insert the art knife blade into the module



Insert the knife blade slowly into the gap beside the tweezer tip until it's getting 5~10mm deep. After that take out the tweezer tip

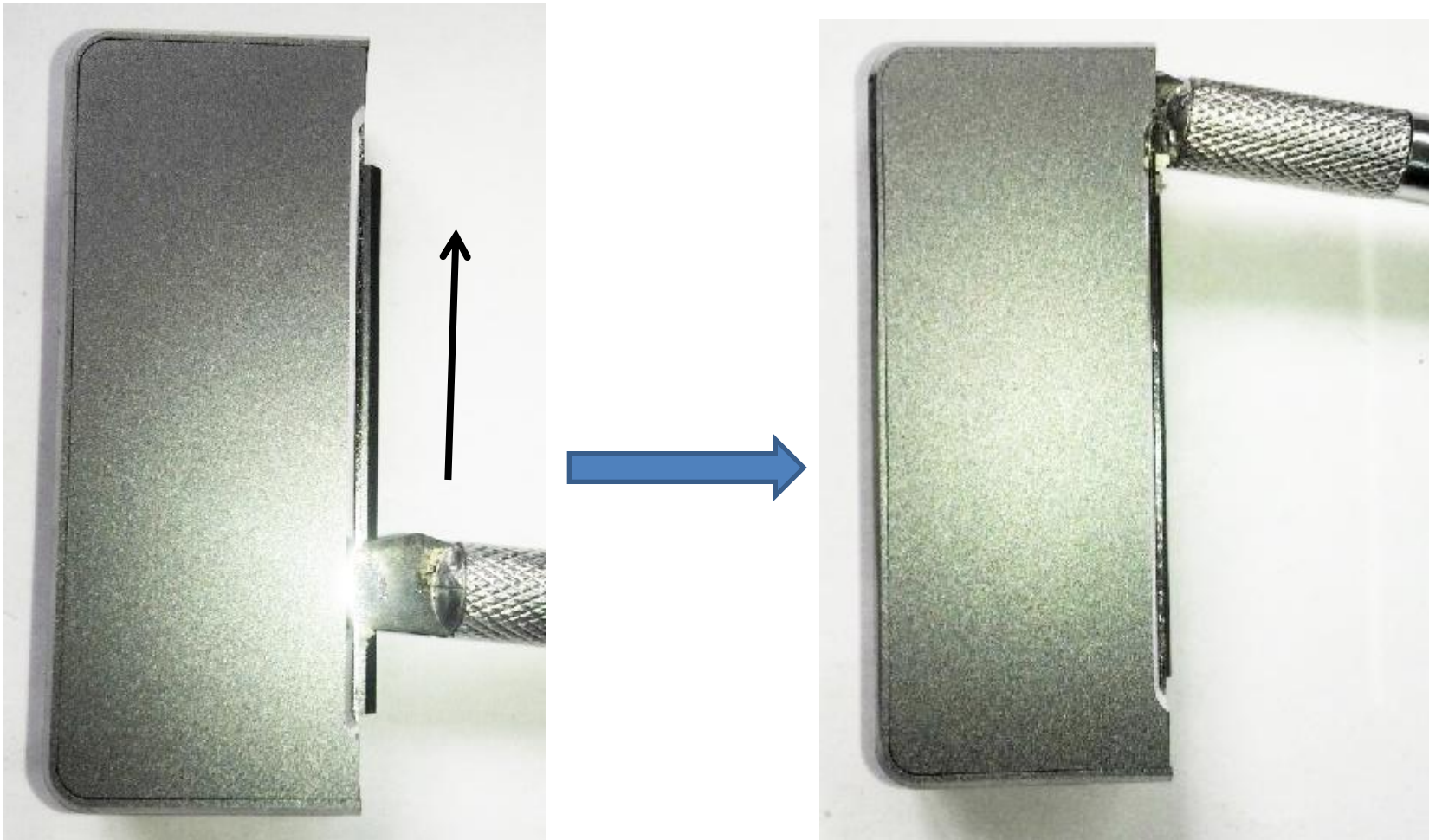
Note: Please move the knife blade slowly when inserting and be careful not to break the plastic frame

Step 6. Reheat the front cover



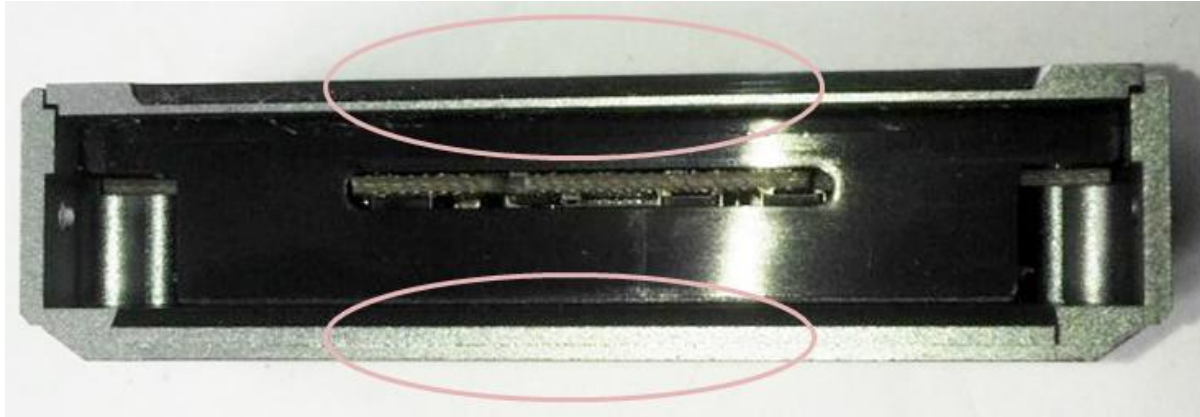
Heat both the left and right side of the front cover (as marked in the above image) with hot air gun for 1~3 minutes; In the mean time slowly move the blade around 5mm deeper into the gap

Step 7. Take off the front cover

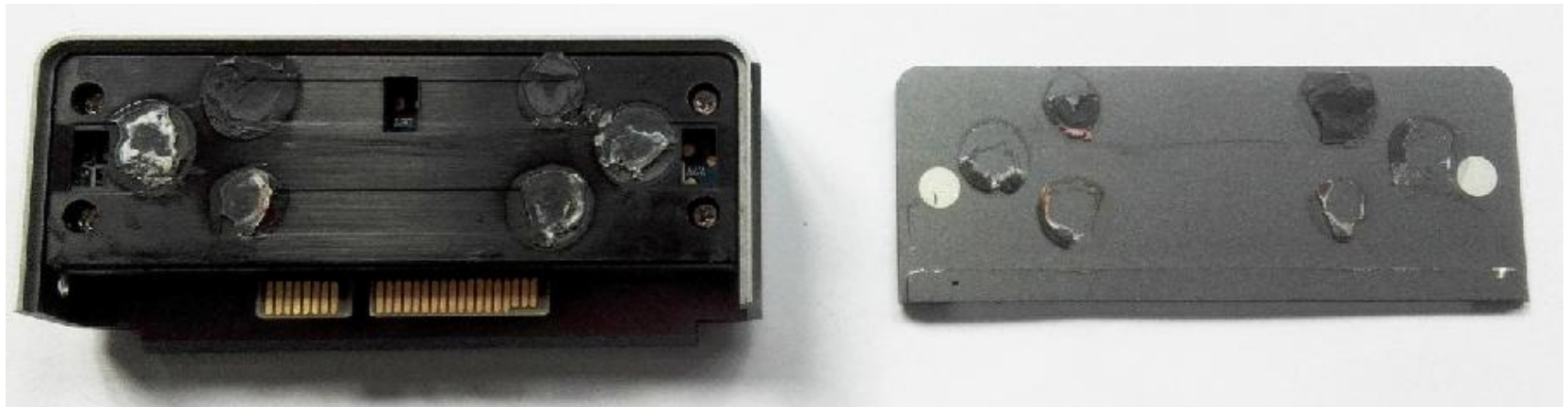


Move the blade slowly to the other side of the module to separate the front cover from the plastic frame

Note: If you find it difficult to move the blade, you may try to heat the front panel with hot air gun a longer time



Wear a pair of gloves then
take off the front cover



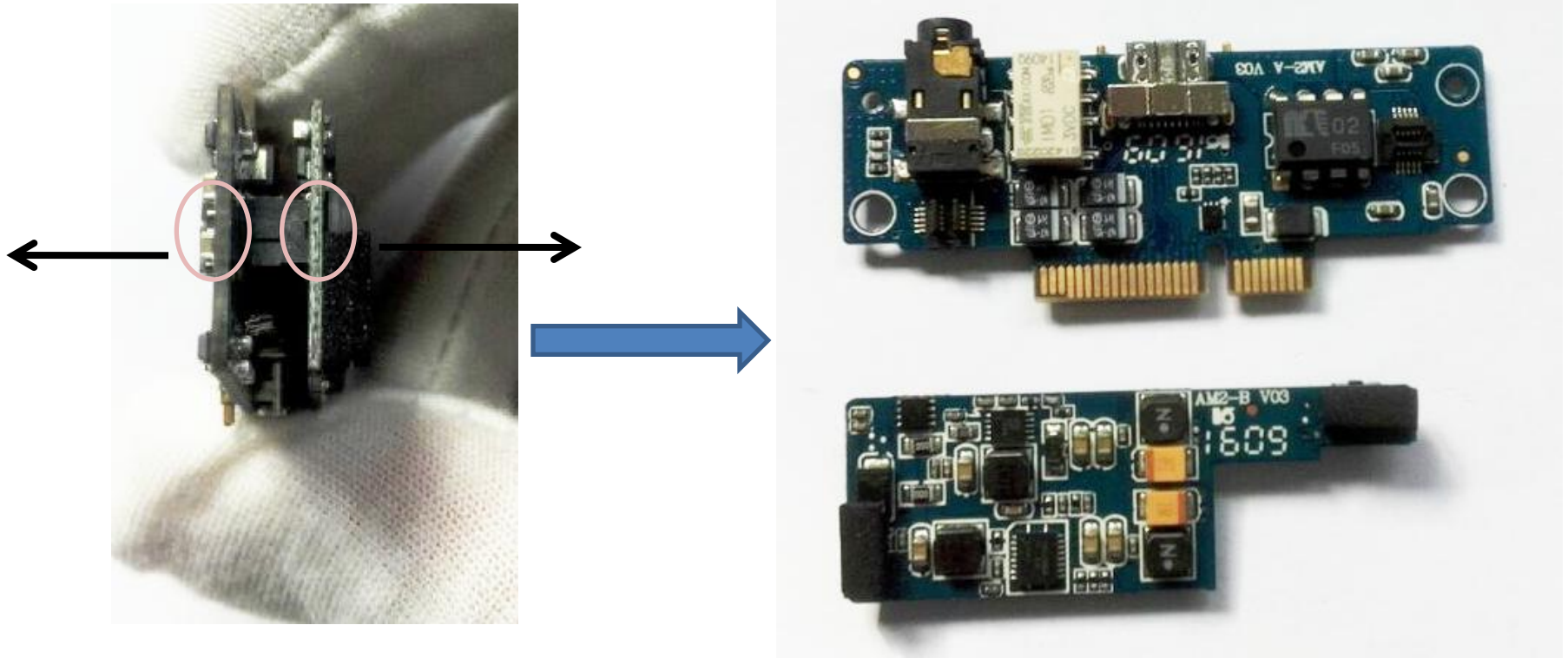
the front cover after taken off

Step 8. Disassemble the plastic frame and PCB



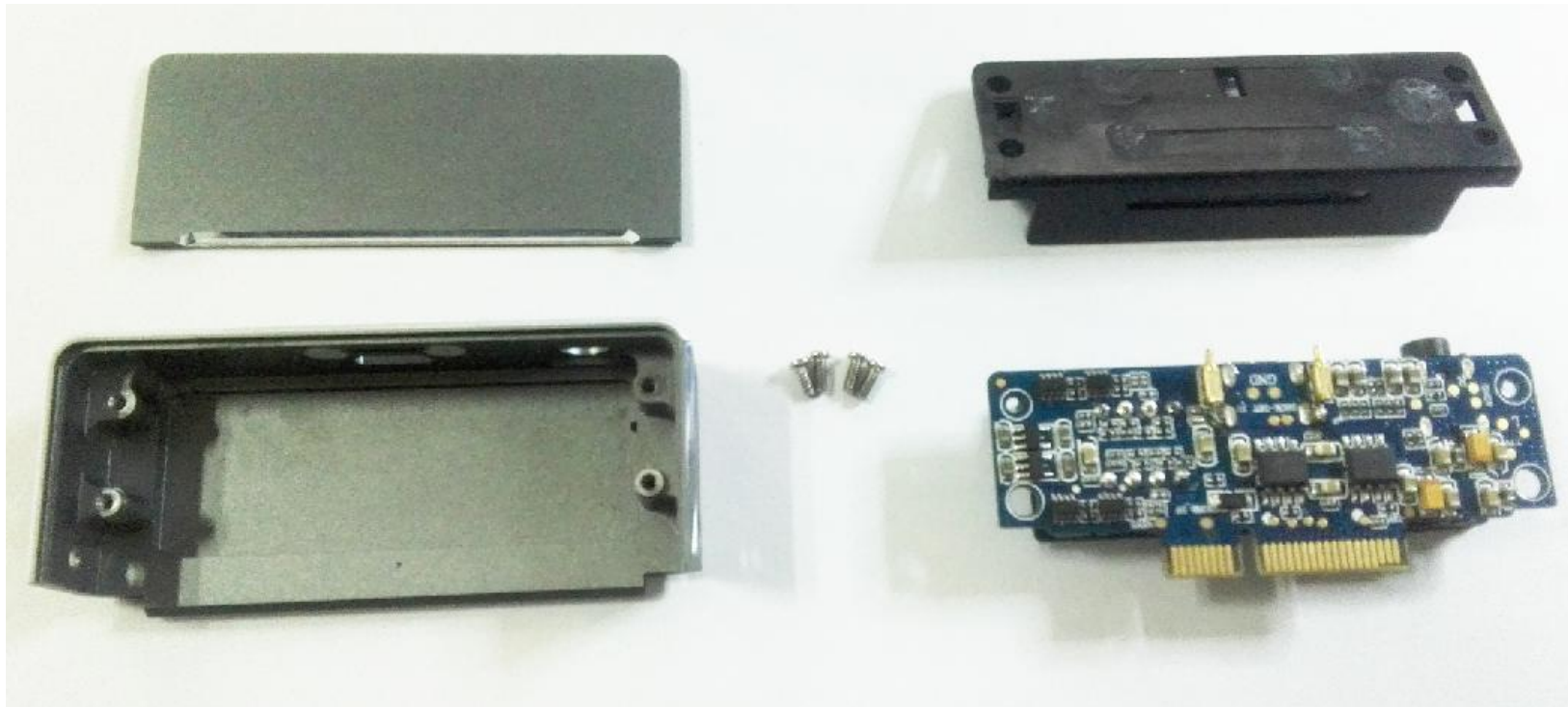
Use the cross screwdriver to remove the 4 screws on the frame, then take off the frame and PCB from the shell

Step 9. Separate the PCB boards



Separate the two PCB boards

Parts after disassembled



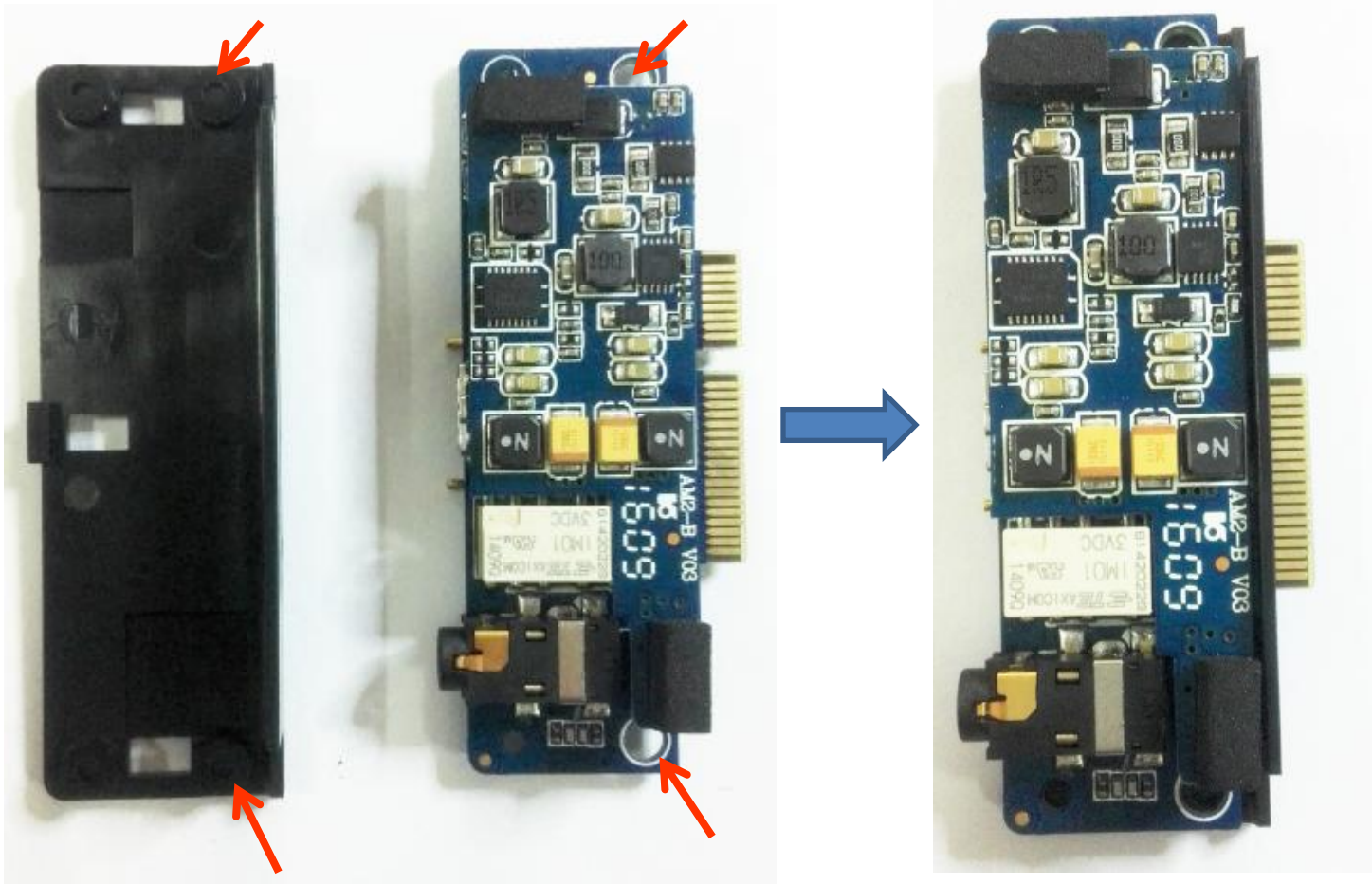
Assembly Step 1. Clean the remained glue



Clean the remained glue on the front cover and plastic frame with the art knife, then wipe them with a cloth moistened by alcohol

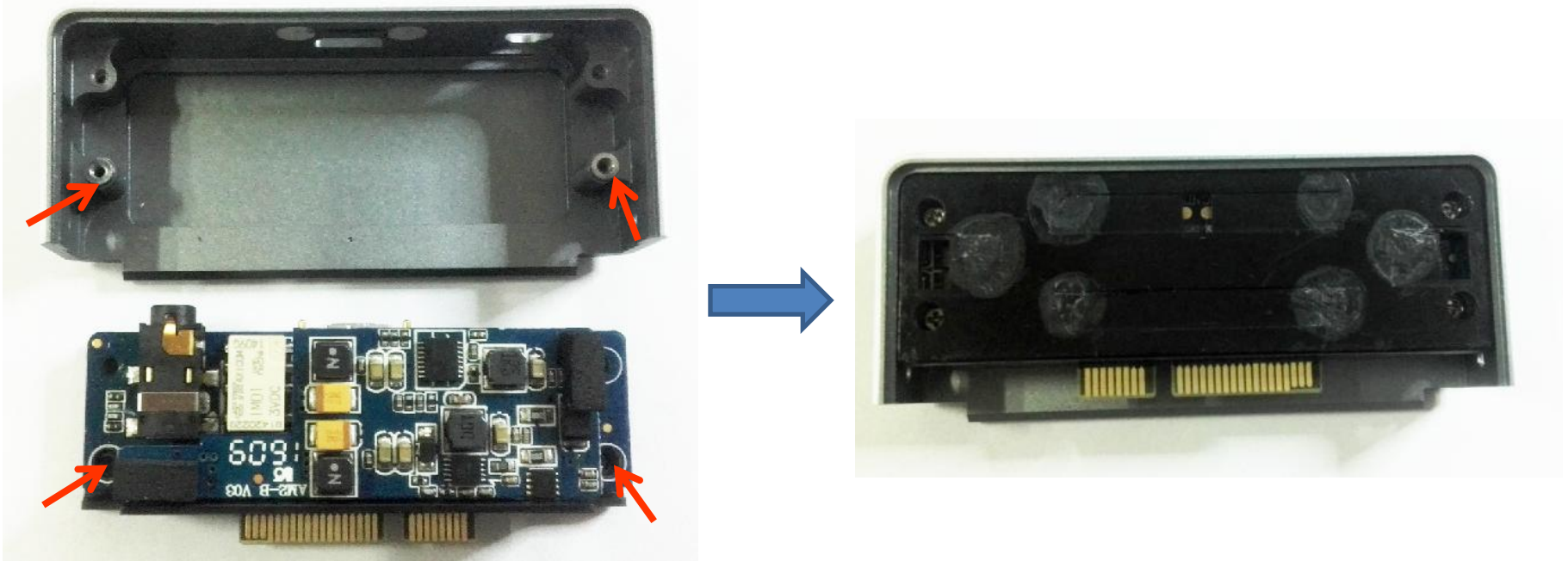
Note: The remained glue should all be cleaned, and be careful not to break the front cover or frame with the knife

Assembly Step 2. Assembly the PCB



First assemble the two PCB boards then install them to the frame by matching their locating holes

Assembly Step 3. Assemble the shell



Install the frame & PCB to the shell by matching their locating holes then lock the 4 screws with the cross screwdriver

Note: It's suggested to fully check the functions of the amp module before proceeding to the next step

Assembly Step 4. Stick the front cover to the frame



Put some AB glue to the old glue marks on the frame

Note: The mixing ratio of the A type glue and B type glue should be close to 1:1

Assembly Step 5. Press and fix the front cover



Press the entire front cover with fingers and make sure it stays flat on the module. After that tie up the module with rubber bands and keep for 15~20 minutes.

Note: If you find any glue overflowed to the edge of the shell, please clean it with a cloth moistened by alcohol as soon as possible. Otherwise it might be difficult to clean after it gets dry

Assembly Step 6. Final check



1. Check if there's any glue at the edges of the front cover
2. Check if the front cover is fixed
3. Check if all surfaces of the module are clean

THE END...

Thank you !