



3D SIMO KIT 2

3D PEN KIT 2 - ASSEMBLY MANUAL

MAIN BODY PARTS



1pc main body plastic



1pc of main electronic board

1pc of PTFE tube



1pc of colored ring for the button



1pc of button - central part



1pc of main electronics holder

3D DRAWING EXTENSION PARTS

1pc of 3D attachment plastic - left part



2pcs of buttons



2pcs of colored rings for buttons



2pcs of snap-ins



1pc of clamp ring



1pc of Spring

1pc of PTFE tube



1pc of nozzle holder



1pc of Motor w/ connector and 2 wires

MAIN BODY ASSEMBLY

- 1.** Assemble the button (put colored ring onto the central part) and insert assembled button into the main body plastic



- 2.** Insert main electronics into the main body plastic



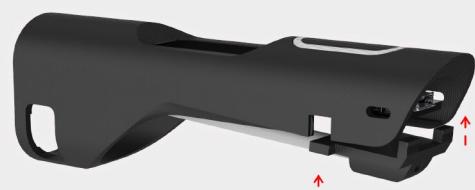
- 3.** Push PTFE tube to the hole in the main electronics holder



- 4.** Insert PTFE tube with electronics holder into the main body



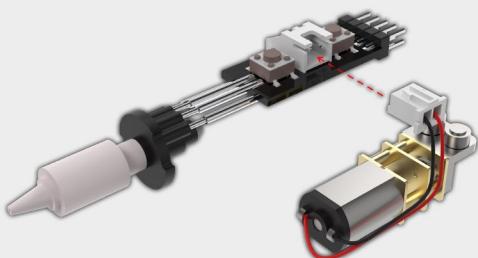
- 5.** Snap everything into place



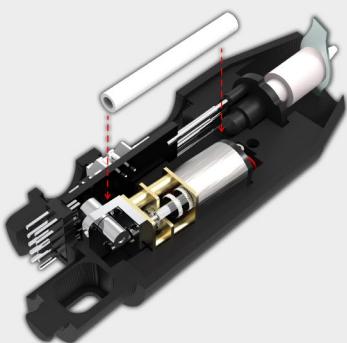
3D ATTACHMENT ASSEMBLY



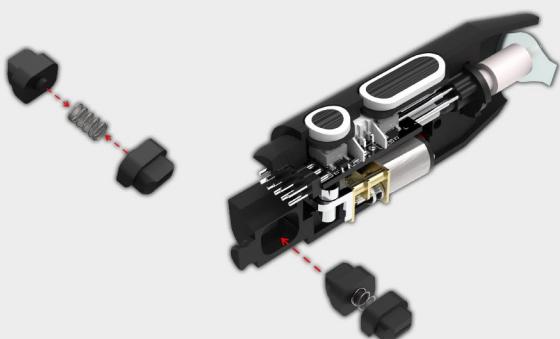
1. Connect the motor to main electronics of the 3D attachment using the connector



3. Insert PTFE tube



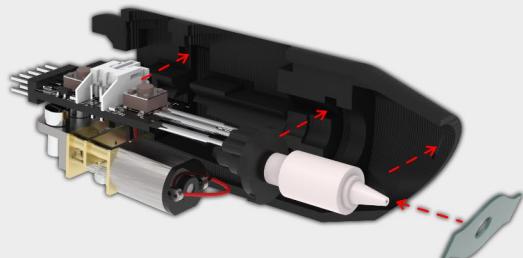
5. Assemble snap-ins, connect them with a spring and insert them into the opening



7. Screw-in the screw and put on the ring clamp onto the protrusion on the attachment



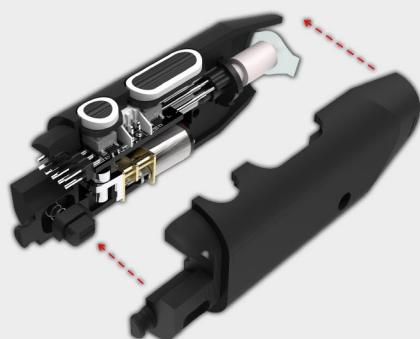
2. Insert electronics into the right part of the 3D attachment plastic, put the nozzle holder onto the nozzle and insert it into the slot in the plastic. Tug wires into the recess, to make sure they aren't in the way, and secure the motor in the recess



4. Assemble buttons (put colored ring onto the central plastic part) and insert assembled button into the right part of the 3D attachment



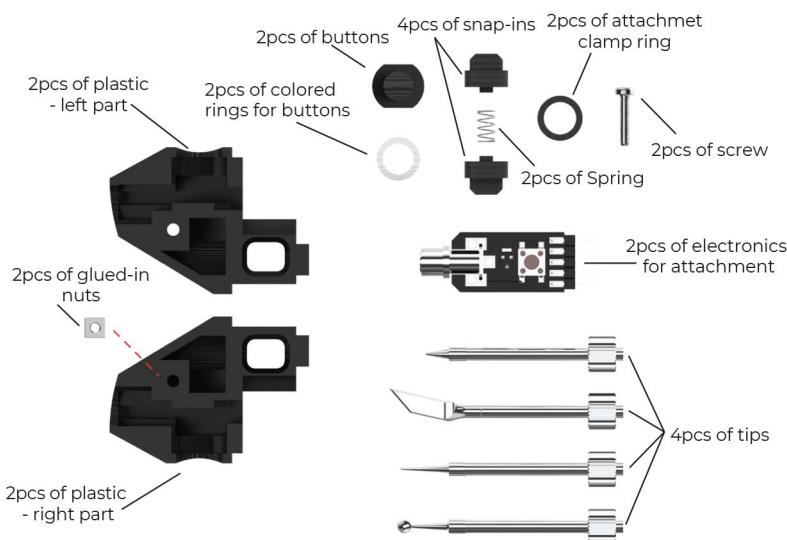
6. Cover the left assembled part of the 3D attachment with the right side. Make sure nozzle holder aligns with the slot on the right part



8. Slide 3D attachment into the main body by pressing the snap-ins

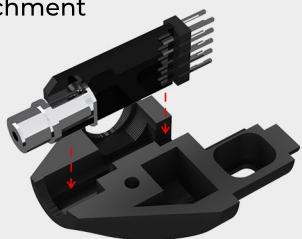


BURNING/SOLDERING ATTACHMENT PARTS

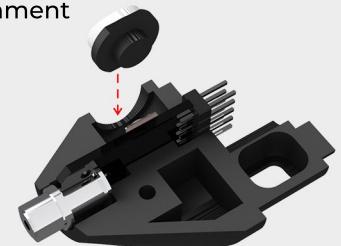


ASSEMBLY OF THE BURNING/SOLDERING ATTACHMENT

- 1.** Insert electronics into the left plastic part of BURNING/SOLDERING attachment



- 2.** Assemble buttons (put colored ring onto the plastic part) and insert assembled button into the left part of the BURNING/SOLDERING attachment



- 3.** Assemble snap-ins by connecting them with a spring and insert them into opening



- 4.** Cover the left assembled part of the attachment with the right side



- 5.** Screw in the screw and put on the ring clamp onto the protrusion on the attachment



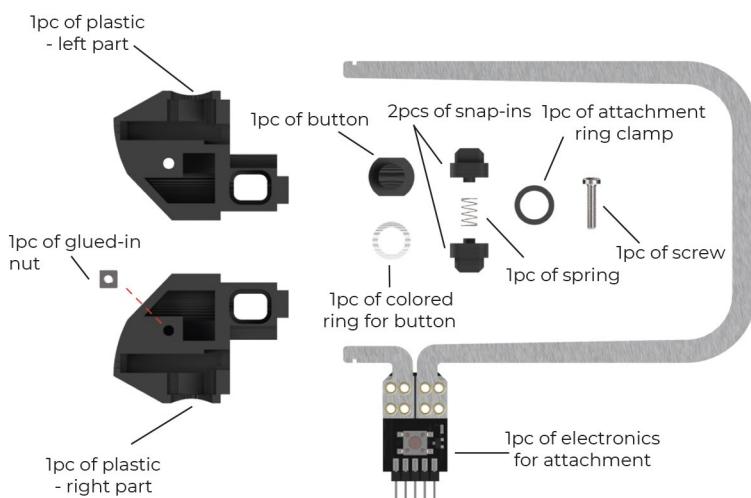
- 6.** Screw BURNING or SOLDERING tip on



- 7.** Slide 3D attachment into the main body by pressing the snap-ins



FOAM CUTTING ATTACHMENT PARTS

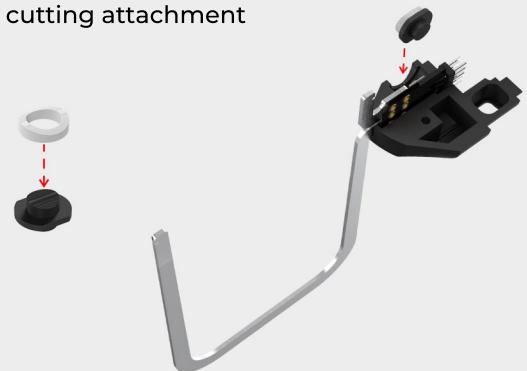


ASSEMBLY OF THE FOAM CUTTING ATTACHMENT

1. Insert electronics into left plastic part



2. Assemble the button (put colored ring onto the plastic part) and insert assembled button into the right part of the foam cutting attachment



3. Assemble snap-ins by connecting them with a spring and insert them into opening



4. Cover the left assembled part of the attachment with the right side



5. Screw in the screw and put on the ring clamp onto the protrusion on the attachment



6. Slide attachment into the main body by pressing the snap-ins



7. Wind the resistance wire – wrap ends of the wire around small cutouts at the ends of the metal parts