

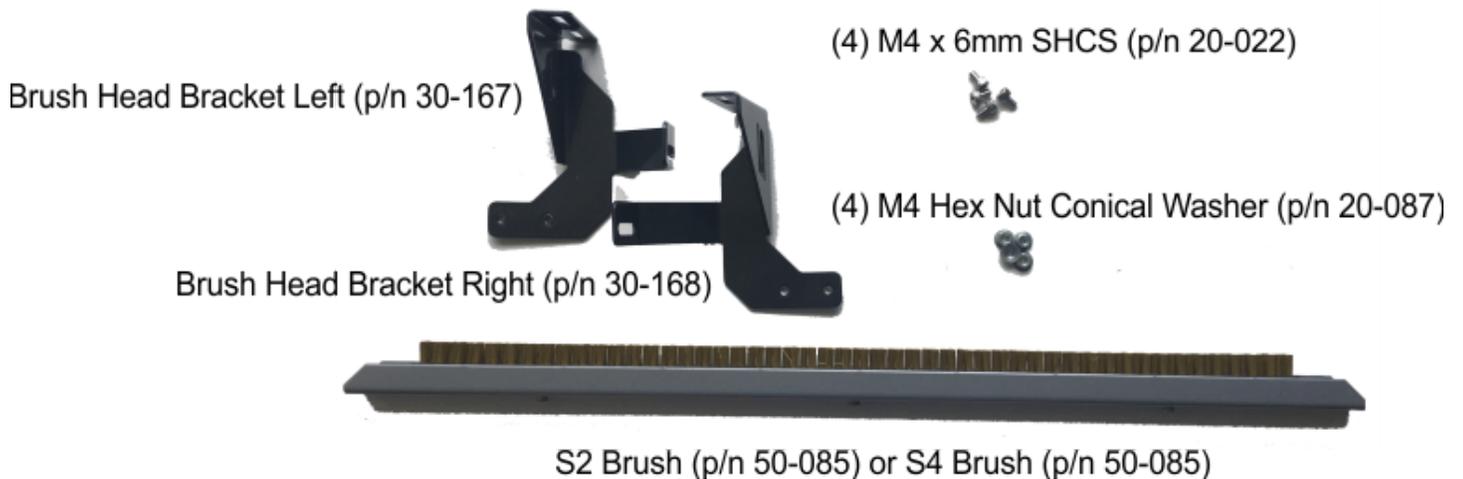
Brush Option Installation Guide¹

Thank you for purchasing the Brush Option for your STACKER 3D printer! Installation takes less than an hour. Please be sure to understand the entire installation guide before you begin. If you run into problems or have any questions, please contact our customer support team at info@stacker3d.com.

Required Tools: 8mm open wrench, M3 hex key, 7mm nut driver,

Overview: The brush attaches to front inside of your printer using four existing studs and two bolts which are holding the side panels. The brush cleans the nozzles when they move toward the home position and cross the brush.

Hardware:

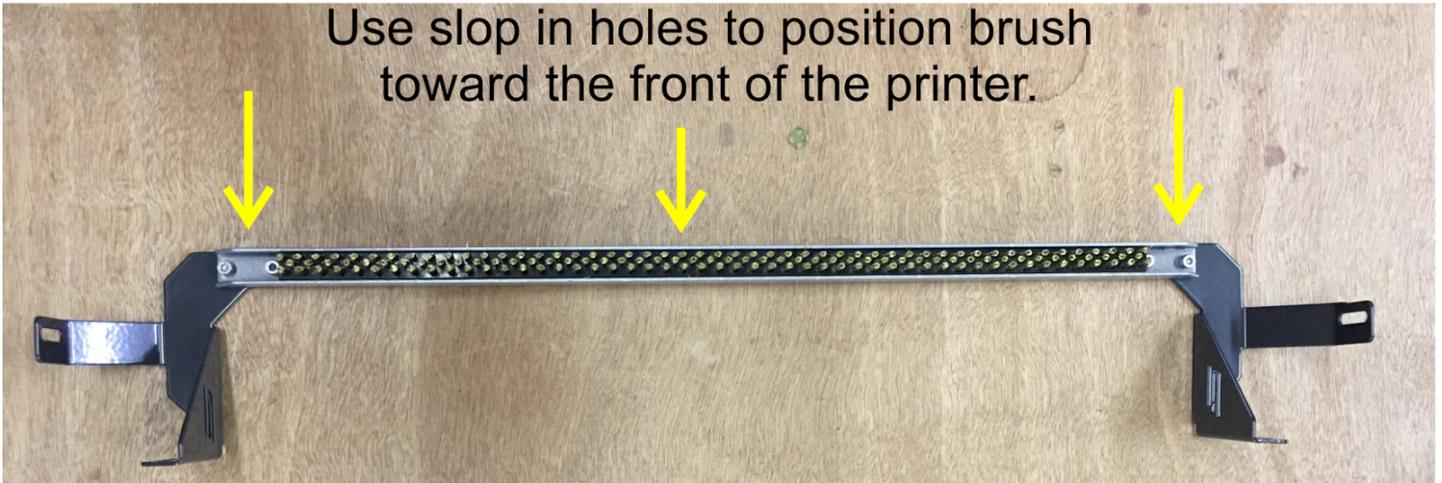


Step 1. Use the M3 hex driver to assemble the brush. Attach the right and left brush head brackets to the brush by using the four (4) M4 x 6mm SHCS. If you find some slop in the holes, position the brush toward the front of the printer (see images below).

¹ Last updated July 13, 2017



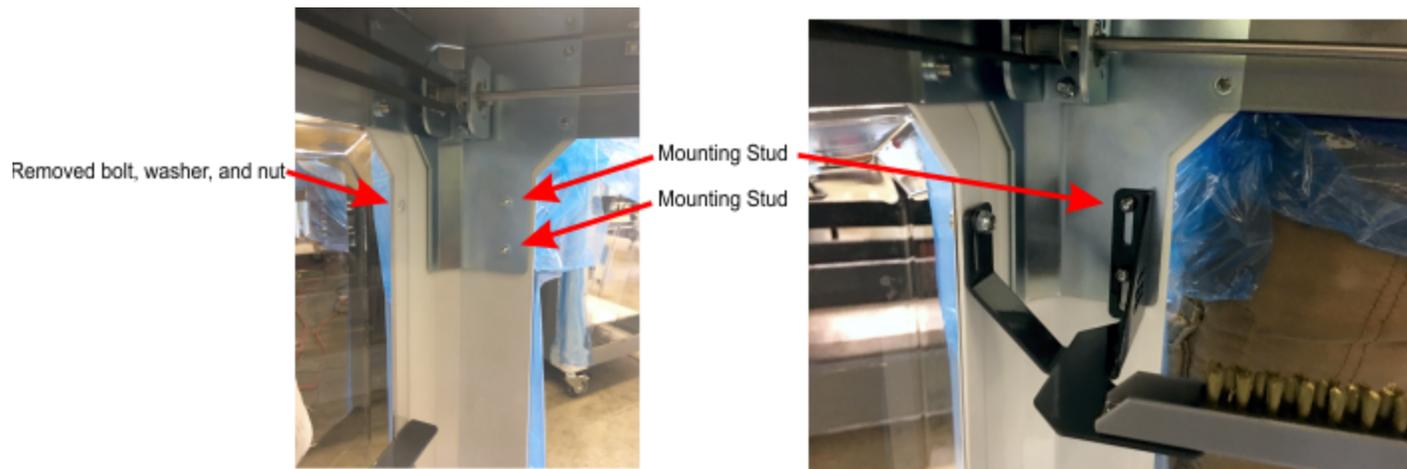
Use slop in holes to position brush toward the front of the printer.



Step 2. Use the 8mm open wrench in conjunction with the M3 hex driver to remove the two nuts, washers, and screws holding the right and left front corner of the side panel. Save the hardware you remove, you will return it to the same location during Step 4.



Step 3. Use the slots on the brush head brackets to place the brush assembly onto the four studs.



Step 4. Loosely re-attach the two nuts, washers, and screws removed during step 2.

Step 5. Loosely attach the four (4) M4 hex nut conical washers to the studs.



Step 6. Adjust the height of the brush so that it brushes the bottom of the hot end. When the brush height is correct, fully tighten the hardware you loosely installed during steps 4 and 5.



Step 7. Home the Z-Axis to confirm space between brush and bed is accurate. If the bed hits the cleaning brush **immediately hit the reset button** to prevent damage to the motors.

To prevent the bed from hitting the brush rail, you should first confirm that the nuts are fully tightened and the bracket is correctly positioned. You should also confirm that the brush is positioned toward the front of the printer (see Step 1). If there is insufficient space between the brush and bed after all of these adjustments have been confirmed, you can bend the brackets by hand so that it clears the bed.



Please note! The space between the cleaning brush and the build plate creates a pinch hazard. Keep fingers, tools, FlexPlates and glass build plates clear.

BE AWARE! When you home the Z-axis, your FlexPlate or Glass Build Plate **MUST** be positioned flush to the bed or slightly recessed on the bed away from the cleaning brush. If the