

Step 8: Assembly Part 2

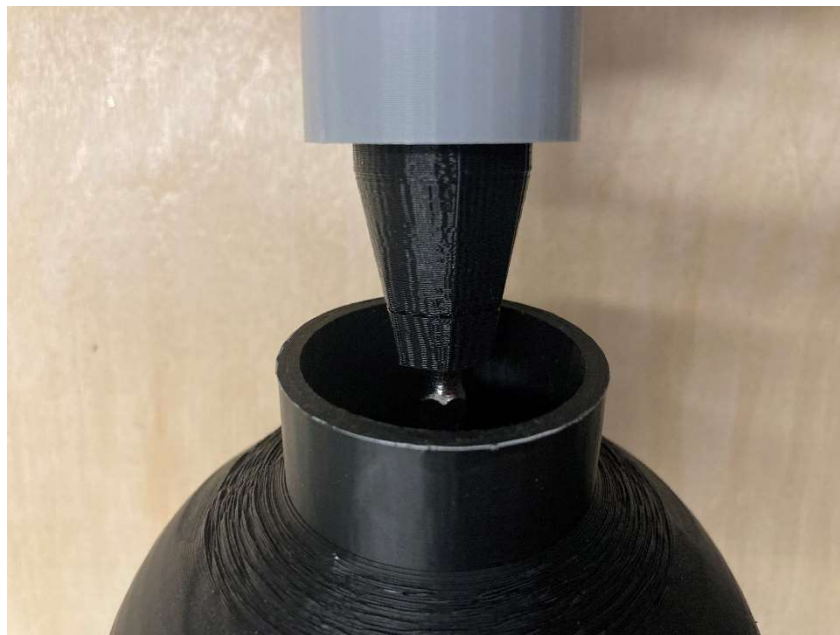
Materials

Vacuum Shroud from Step 7

Duct Tape

Brigii Handheld Vacuum or Other Vacuum

Partially Assembled Wheelchair Tire Scrubber from Step 6



1. Press the Hex Bit end of the Bristle Attachment into the Snapfit Opening to Hex Bit Adapter.



2. Rotate the Vacuum Shroud so that its opening is on the same side as the finger grip.



3. Use duct tape or glue to secure the Vacuum Shroud to the Gearbox Housing to prevent rotation. Glue will have a better connection, but duct tape will allow easier removal in the future.



4. If you are building the **setup that works with any vacuum**, insert your 3D printed adapter from Step 4 into the opening in the Vacuum Shroud. Then, insert your vacuum hose. Your Wheelchair Tire Scrubber is complete!
Tip: If the adapter does not fit tight enough, wrap it in tape to getting a better press fit.



5. If you are building the **scrubber for the recommended Brigii vacuum**, slide the Brigii Vacuum Holder onto the device so that the power button shows through the hole and the slot for the vacuum sits above the finger contour grip.



6. Slide in the Brigii Vacuum so that its power button is facing away from the device.



7. Connect the Brigii Vacuum Hose so that the wide end connects to the Brigii Vacuum through the bottom of the Brigii Vacuum Holder and the round end connects to the Brigii Vacuum Shroud. Adding duct tape around the shroud connection improves suction. Your Wheelchair Tire Scrubber is complete!