Extruder Motor Cleaning Guide H800

1. Withdraw any filament from the Printer.
2. Turn power off to the Printer using the switch on the back.

3. Open the top cover of the unit and move the extruder assembly so you can have easy access to it. You will then unclip the black extruder cable covering; it should come off fairly easily.

4. Next you will want to unplug the extruder cable from the extruder head and then remove the extruder head from the assembly. It is held in with magnets so you don’t have to unscrew or unlatch anything to remove the extruder.
5. After that you will unplug the fan cable, you will need that unplugged to remove the covering properly.

6. Then you will slide the covering off as shown in the picture below. **MAKE SURE TO SLIDE IT OFF, pulling it up will break the plastic pieces.** Be aware that the first time you remove this covering it will be more difficult due to the 4 friction dots (2 Circled Below) being brand new, once you have removed the covering once it will be significantly easier to remove in the future.

7. Once that is removed, you will be able to see the internals of the extruder assembly and the gear/bearing housing. You will need to remove the housing to access the gear and the nozzle heater stem, to remove it you will unscrew the 2 screws (1.5mm, smallest Allen wrench included with this unit’s kit) and pull the housing off.
8. Once you have the cover off you will see the gear (circled to the right) for the extruder. Use a sharp metal pick such as a pushpin or the tip of the metal snips in your kit to clean out the teeth of the gear.

9. Check the extruder path below the gear (circled below) for any filament debris. If anything is visible, use a tweezers to remove it before reassembling the extruder.

10. Reassemble the extruder head by reversing steps 3 through 7. Remember to put the unit back together exactly how you took it apart, referring to the pictures if needed.
11. Turn the Printer power back on using the switch at the back. Re-initialize the printer using the Initialize Button on the right of the printer.
12. Clip about 6” from the end of the filament and reload the filament using the extrude function.