3D printing comments

1. Wheel holder (All parts)- 3D printed with Prusa MK3s (FDM printer), material PLA+, layer height 0.2 mm.
2. Wheel - 3D printed with Prusa MK3s, material PLA+, layer height 0.2 mm. Printing slower than default recommended.
3. Axle- Built by 3 parts. Screw gently but tight each part after inserting the axle into the wheel and both bearings. The file named "Encoder axle adaptor" should be glued with super glue into the encoder insert.
4. Encoder installation- screw all the way 2 cupless m3 screw into the encoder. Insert the encoder all the way into his holder (Make sure that the axle D shape angle is inserted correctly into the adaptor). Tighten with 8 mm m3 screws from both sides while pushing the encoder in.
5. Screws needed- Two cupless M3 20 mm screws and 8 mm M3 hex screws (For the encoder). Cupless 6 mm M3 screw and 8 mm M3 hex screw (For the motor). Two M3 10 mm screws and two M3 brass plastic inserts (For base). Two M4 10 mm hex screws and two M4 nuts to fix the axle to the wheel

Screen:

6. Sturcture- 3D printed with SLA printer, facing the screen up. It is also possible to print the same orientation on an FDM printer with 100% infill, but the result might be fragile.
7. Screen- 3D printed with FDM printer, material white PLA+ , layer height 0.1 m"m. Ironing feature recommended.
8. Assembly- M2 screws to assemble the sheet with the structure (Tapping ahead recommended). M6 screws for the fixture of the structure to the set