

BambuTagger-Rewinder

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PCB:

https://oshwlab.com/bambutagger/project_ljstpdur

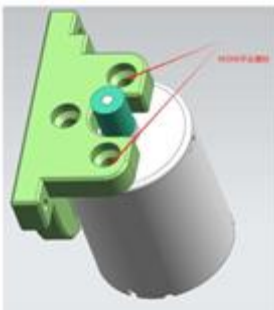
3D Model:

<https://makerworld.com/de/models/2864654-bambutagger-rewinder>

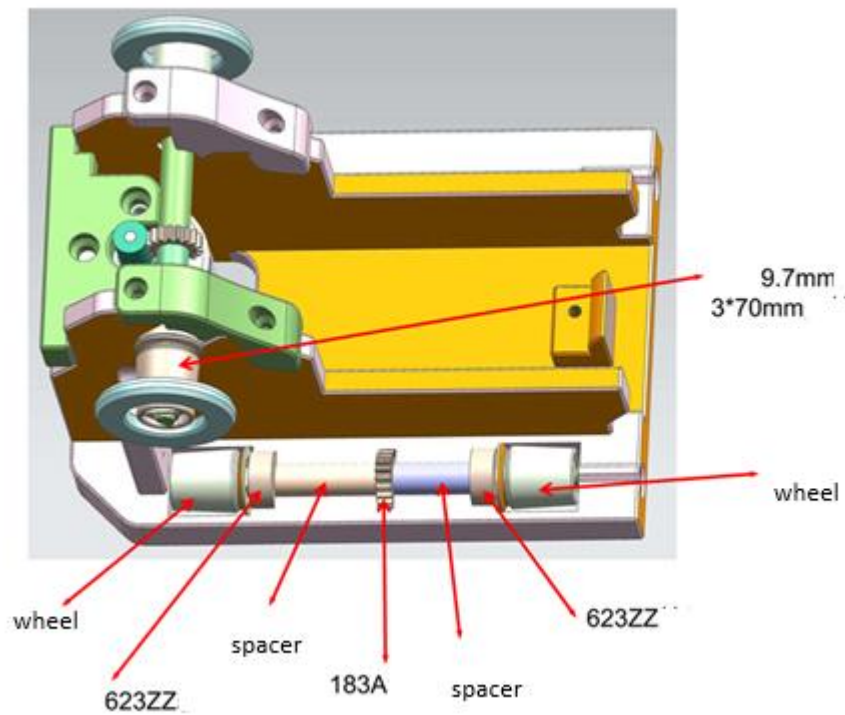
Parts list

- 370 motor (12V, 6000 RPM)
- M3×6 flat-head screws
- 682A worm gear
- 9.7 mm inner-diameter silicone sleeve
- 3×70 mm shaft
- 623ZZ bearings
- 183A wheel
- Roller microswitch
- M2×8 countersunk self-tapping screws
- 5×22 mm shaft
- 608 bearings

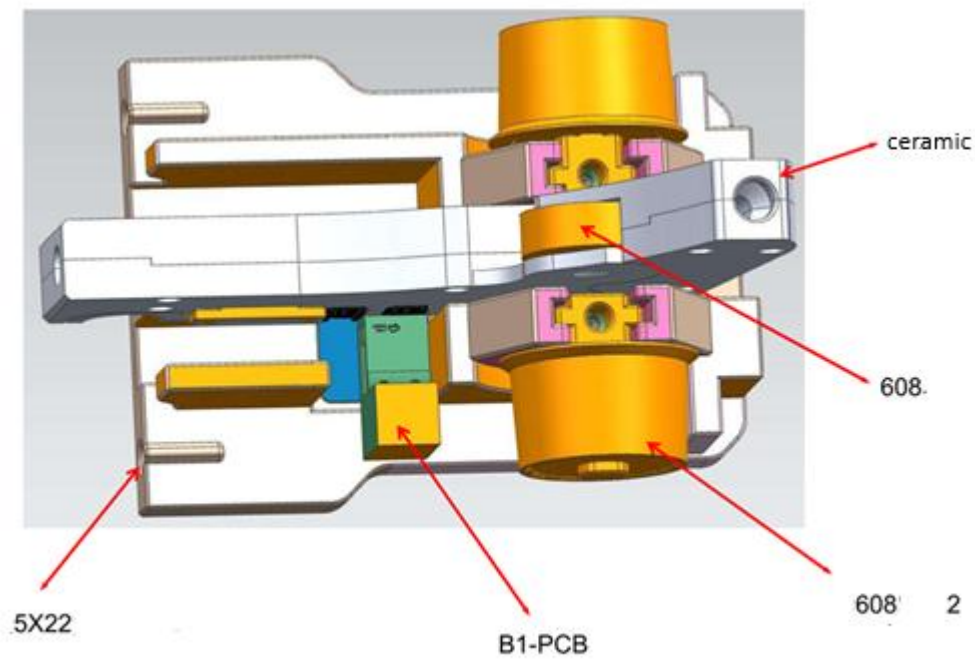
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- 370 motor (12V, 6000 RPM)
- M3×6 flat-head screws
- 682A worm gear

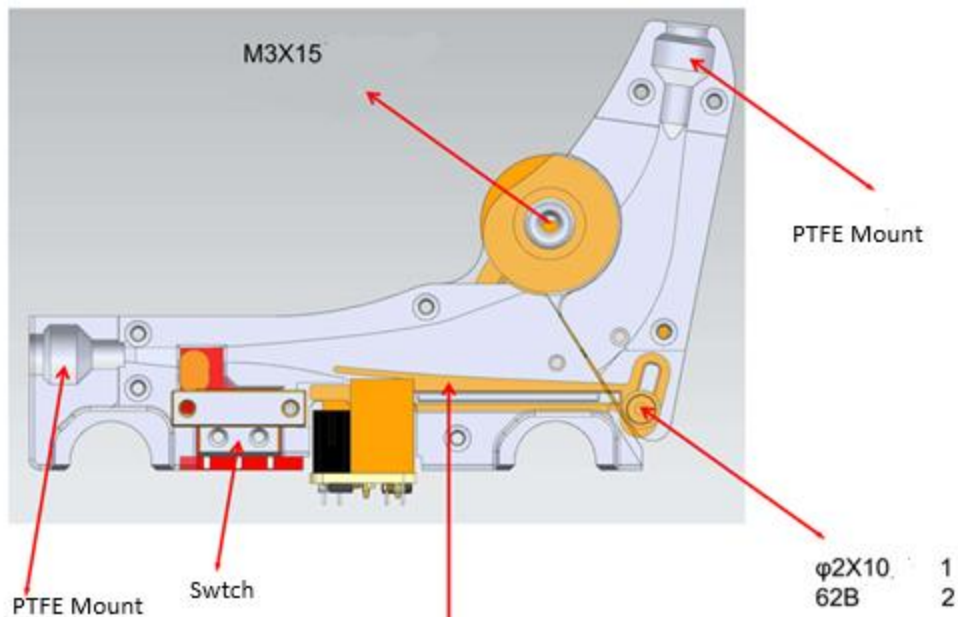


- 9.7 mm inner-diameter silicone sleeve
- 3×70 mm shaft
- Printed parts
- 623ZZ bearings
- 183A wheel



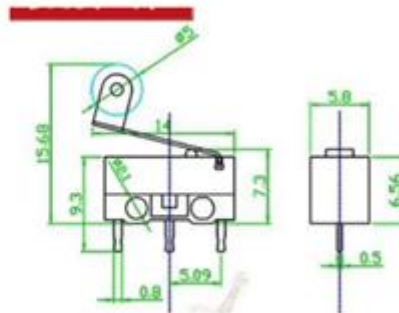
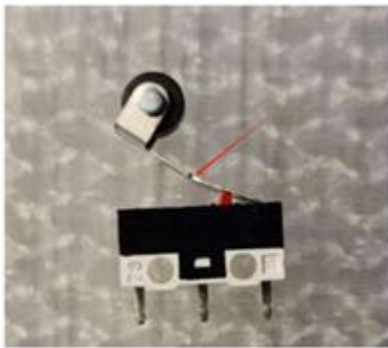
- 608 bearings
- Inner sleeve
- 608 bearings (2 pcs)
- B1 PCB, 4 pcs total (left and right)
- 5×22 mm shaft

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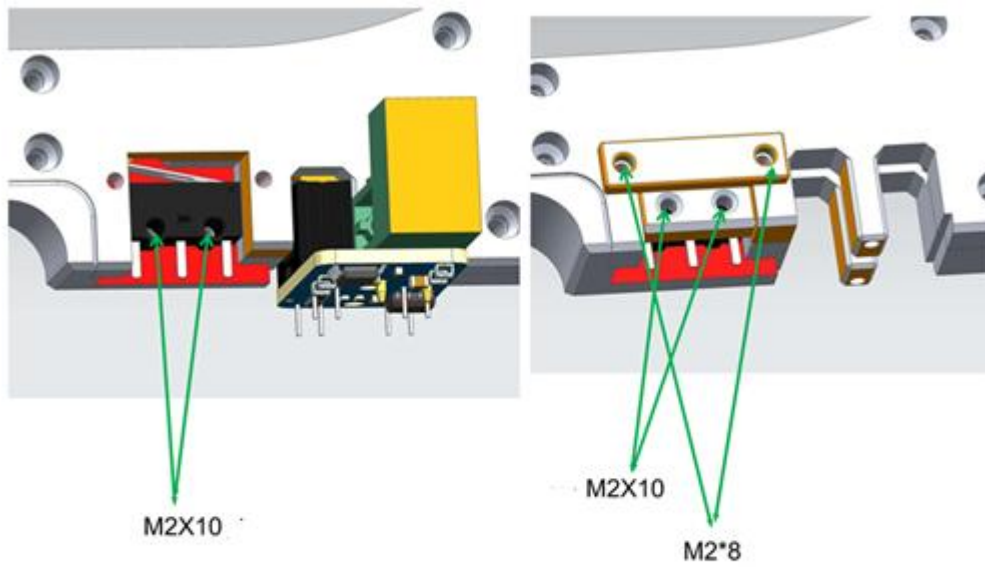


- M3×15 flat-head screw (do not tighten fully)
- Tube components
- 2×105 shaft
- 62B bushing
- Optical interrupter / photoelectric sensor block
(must not allow light to pass through)

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The microswitch should be installed in the position indicated in the figure and adjusted appropriately.



- 2×10 shafts (2 pcs)
- M2×10 self-tapping screws
- M2×8 countersunk self-tapping screws



5V Power Supply

MOTOR



Connect the motor wires according to the actual motor rotation direction (normal or reversed).

The motor wires should be connected last.