**Linear Motor Parts List**

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| **Laser Cut Parts** | |
| End Plate (2) | **Icon  Description automatically generated with medium confidence** |
| Solenoid Supports (2) | **Icon  Description automatically generated** |

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| **3D-Printed Parts** | |
| End Caps (2) |  |
| Bobbin Core | A picture containing text, light  Description automatically generated |
| Bobbin Ends (2) | Circle  Description automatically generated with medium confidence |
| Spacing Tubes (8) | Icon  Description automatically generated |
| Solenoid Mount | A picture containing icon  Description automatically generated |
| Upper Armature | A close-up of a car  Description automatically generated with medium confidence |
| Middle Armature | A picture containing text  Description automatically generated |
| Lower Armature |  |
| Base | Engineering drawing  Description automatically generated with medium confidence |

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| **Hardware** | |
| [M3 F-F Threaded Standoffs, 25mm (4)](https://www.digikey.com/en/products/detail/keystone-electronics/25515/1532193) | A close-up of a microphone  Description automatically generated with medium confidence |
| [M3 Screws, 30mm (10)](https://www.digikey.com/en/products/detail/b-f-fastener-supply/MHNZ-003/274973?s=N4IgjCBcpgTB0QGMoDMCGAbAzgUwDQgD2UA2iAMwDsADBQJw0gC6hADgC5QgDKHATgEsAdgHMQAX0JgAHBSigUkDDgLEylAKwAWMBQBsLdl0i8BI8VJD76MhcjRY8hEpHLbYBsJqMhO3PiExSStYDQBbCgACYQBXLmYJIA) | A sword with a black background  Description automatically generated with low confidence |
| M3 Screws, 10mm (2)  [M3 10mm Machine Screw (2 per motor)](https://www.digikey.com/en/products/detail/apm-hexseal/RM3X10MM-2701/3712296) |  |
| [M5 Bolts, 30mm (4)](https://www.homedepot.com/p/Prime-Line-M5-0-8-x-30-mm-Phillips-Drive-Pan-Head-Machine-Screws-10-Pack-9131423/310889545) | A close-up of a pen  Description automatically generated with low confidence |
| [M5 Nuts (4)](https://www.homedepot.com/p/5-mm-0-8-Stainless-Steel-Metric-Hex-Nut-2-per-Pack-801008/204274112) | A basketball with a black background  Description automatically generated with low confidence |
| Barrel Magnet, 3/8” x 3/4” (1)  [3/8" x 3/4" Barrel Magnet (1 per motor)](https://www.kjmagnetics.com/proddetail.asp?prod=D6C) | A picture containing light  Description automatically generated |
| Ferrous Armature Wire, 3mm Diameter  [Steel Wire](https://www.mcmaster.com/8870K81/) | A picture containing lamp, light  Description automatically generated |
| [1oz Weight](https://www.amazon.com/CK-Auto-Adhesive-EasyPeel-Tape-Low/dp/B071WP8HGP/ref=pd_day0fbt_img_sccl_2/138-3167957-7347911?pd_rd_w=Dttlm&pf_rd_p=bcb8482a-3db5-4b0b-9f15-b86e24acdb00&pf_rd_r=NWH6YE6JVE0BHH359MXV&pd_rd_r=0dad7ecb-c918-497d-81f9-1fc13002cf8d&pd_rd_wg=iB40M&pd_rd_i=B071WP8HGP&th=1) | A picture containing text, case, accessory  Description automatically generated |
| [Magnet Wire for Solenoid](https://www.remingtonindustries.com/magnet-wire/magnet-wire-28-awg-enameled-copper-8-spool-sizes/)  (26-28 gauge recommended) | A picture containing knife  Description automatically generated |

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| **Other Tools** | |
| Super Glue | A picture containing text  Description automatically generated |
| Phillips Head Screwdriver | Screwdriver PNG image |
| Rubber Band Winder  <https://www.pitsco.com/Electric-Rubber-Band-Winder> | **A picture containing remote, blue  Description automatically generated** |
| Masking Tape | Masking Tape Transparent Png – Pngset.com |