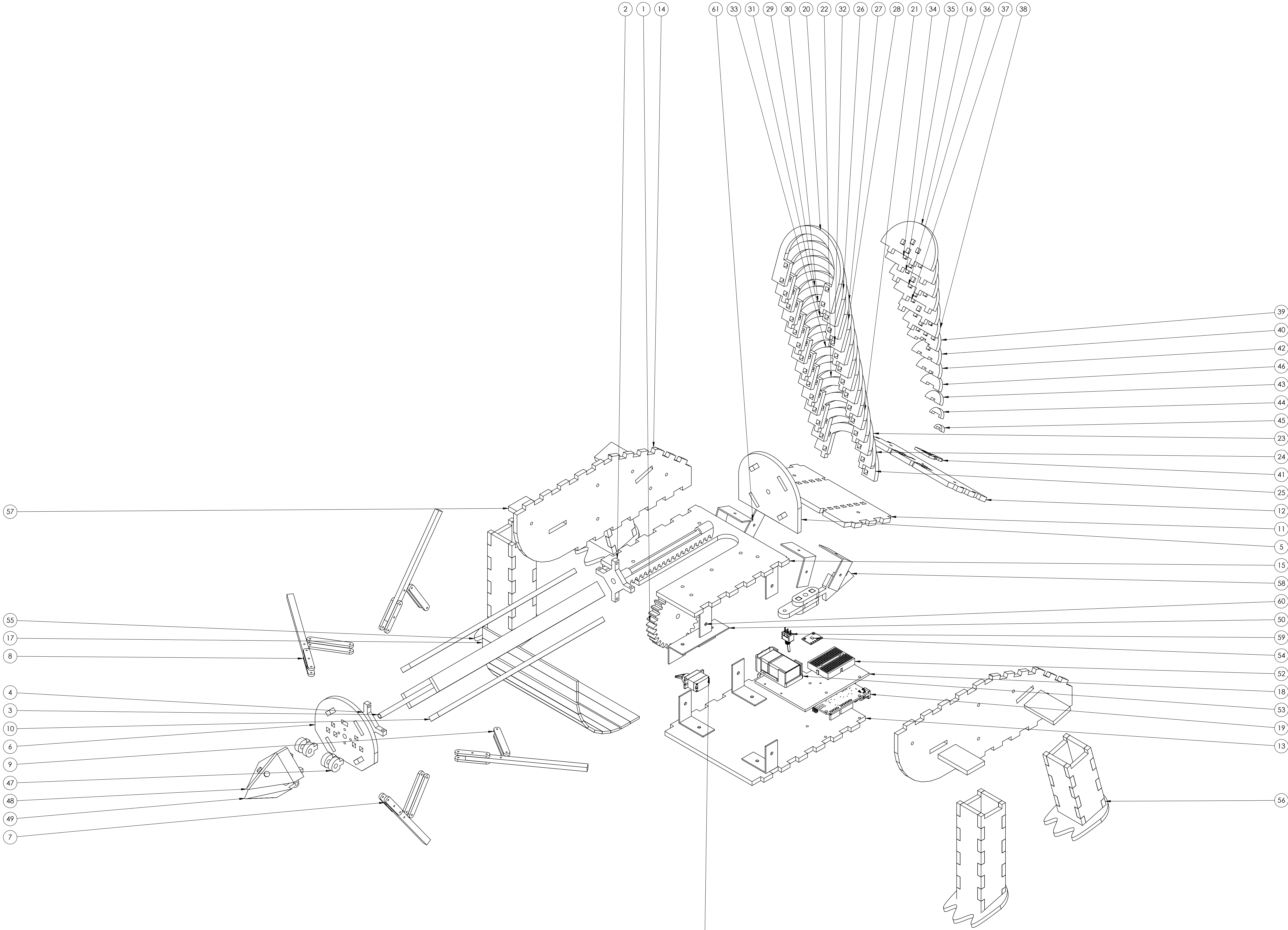


| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|--|-------------|------|
| 1 | Metric - Spur gear 2.5M 32T 20PA 12FW — S32N75H50L6N | | 1 |
| 2 | rackface4 | | 1 |
| 3 | axel | | 1 |
| 4 | axelface2 | | 1 |
| 5 | back_face_place | | 1 |
| 6 | face_place | | 1 |
| 7 | short_spoke_assem | | 1 |
| 8 | spoke | | 3 |
| 9 | linkage | | 8 |
| 10 | rack_case | | 4 |
| 11 | back_housing_1 | | 1 |
| 12 | back_housing_2 | | 1 |
| 13 | bottom_housing | | 1 |
| 14 | slide_housing | | 2 |
| 15 | top_housing | | 1 |
| 16 | tail15 | | 1 |
| 17 | belly_slot | | 11 |
| 18 | arduino_stand | | 1 |
| 19 | arduino1.stp | | 1 |
| 20 | tail1 | | 1 |
| 21 | tail10 | | 1 |
| 22 | tail11 | | 1 |
| 23 | tail12 | | 1 |
| 24 | tail13 | | 1 |
| 25 | tail14 | | 1 |
| 26 | tail2 | | 1 |
| 27 | tail3 | | 1 |
| 28 | tail4 | | 1 |
| 29 | tail5 | | 1 |
| 30 | tail6 | | 1 |
| 31 | tail7 | | 1 |
| 32 | tail8 | | 1 |
| 33 | tail9 | | 1 |
| 34 | tail16 | | 1 |
| 35 | tail17 | | 1 |
| 36 | tail18 | | 1 |
| 37 | tail19 | | 1 |
| 38 | tail20 | | 1 |
| 39 | tail21 | | 1 |
| 40 | tail22 | | 1 |
| 41 | tail_support | | 1 |
| 42 | tail23 | | 1 |
| 43 | tail25 | | 1 |
| 44 | tail26 | | 1 |
| 45 | tail27 | | 1 |
| 46 | tail24 | | 1 |
| 47 | hinge_bracket | | 4 |
| 48 | Top of head | | 1 |
| 49 | bottom of head | | 1 |
| 50 | fastening_servo | | 1 |
| 51 | servo_motor_9g_sg90 | | 1 |
| 52 | BREADBOARD-1.stp | | 1 |
| 53 | Battery_Holder-UM-9V- 1 P with battery.stp | | 1 |
| 54 | Gyroscope sensor | | 1 |
| 55 | long_leg | | 2 |
| 56 | short_leg | | 2 |
| 57 | leg_stand | | 4 |
| 58 | tapered_tail | | 1 |
| 59 | SPDT-Print-Switch.step | | 1 |
| 60 | 25-25 bracket | | 7 |
| 61 | 20-20 bracket | | 4 |



| | | | | | | | | |
|--|------|-----------|--|--|--|--|--|--|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: FRACTIONS DECIMALS ANGLES | | | FINISH DIMENSIONS MATERIAL WEIGHT | | | DRAWER AND BENCH MARK EYES DO NOT SCALE DRAWING REVISION | | |
| DESIGN | NAME | SIGNATURE | DATE | | | TITLE | | |
| CHKD | | | | | | | | |
| APP'D | | | | | | | | |
| ENG | | | | | | | | |
| QA | | | | | | | | |
| | | | | | | DWG NO. | | |
| | | | | | | SCALE: 1:1 | | |
| | | | | | | SHEET 1 OF 1 | | |

exploded_view_bracket A