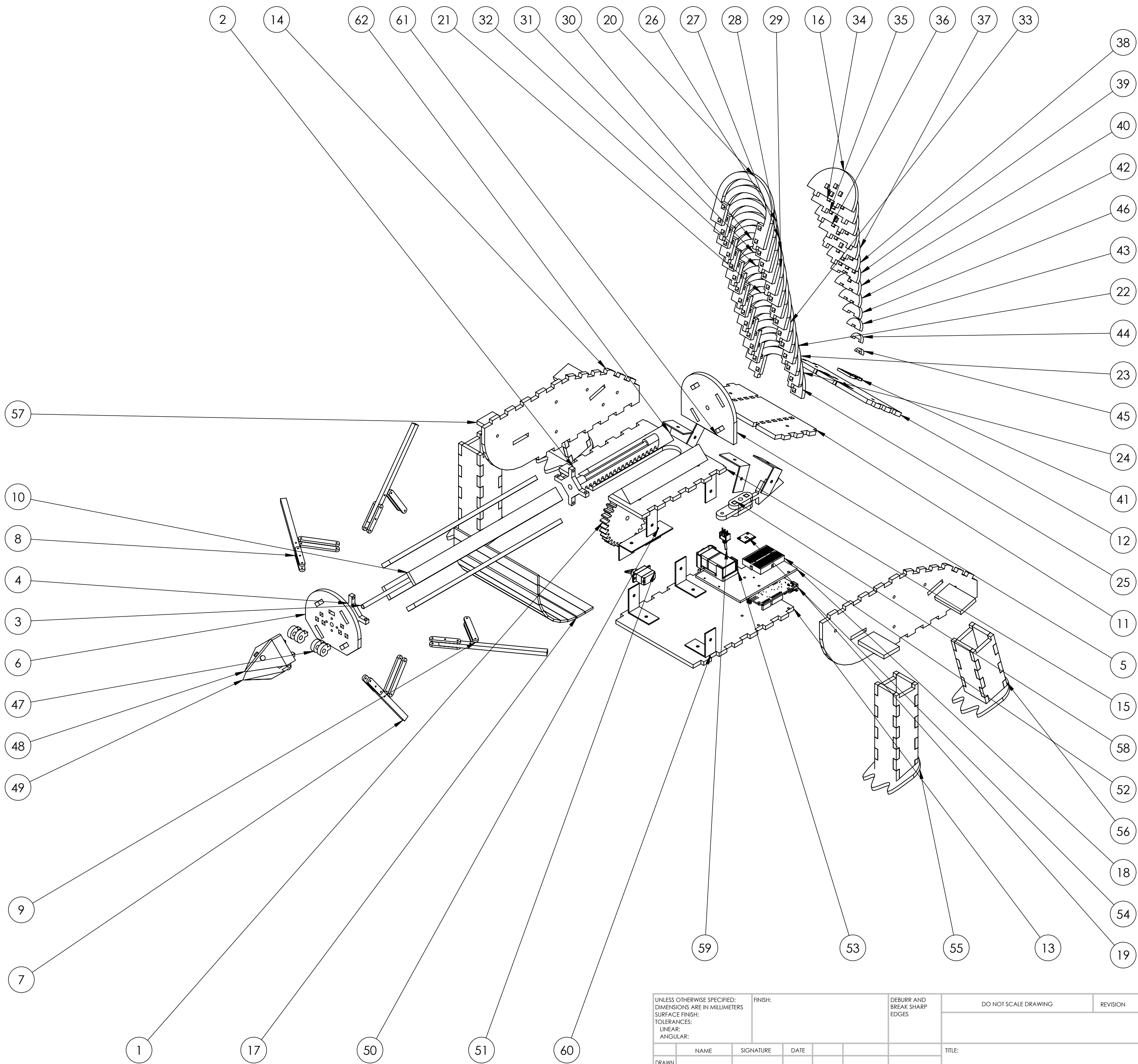


| ITEM NO. | PART NUMBER | QTY. |
|----------|---|------|
| 1 | Metric - Spur gear 2.5M 32T 20PA 12FW ---S32N75H50L6N | 1 |
| 2 | rackface4 | 1 |
| 3 | axel | 1 |
| 4 | axelface2 | 1 |
| 5 | back_face_place | 1 |
| 6 | face_place | 1 |
| 7 | short_spoke_assem | 1 |
| 8 | spoke | 3 |
| 9 | linkage | 8 |
| 10 | rack_case | 4 |
| 11 | back_housing_1 | 1 |
| 12 | back_housing_2 | 1 |
| 13 | bottom_housing | 1 |
| 14 | side_housing | 2 |
| 15 | top_housing | 1 |
| 16 | tail15 | 1 |
| 17 | belly_slaf | 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.STEP | 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 |
| 62 | rack_casing_stand | 2 |



| | | | | | | | | | |
|---|--|---------|--|------------------------------------|--|----------------------|--|--------------|--|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR: | | FINISH: | | DEBURR AND BREAK SHARP EDGES | | DO NOT SCALE DRAWING | | REVISION | |
| DRAWN | | NAME | | SIGNATURE | | DATE | | TITLE: | |
| CHK'D | | | | | | | | | |
| APP'VD | | | | | | | | | |
| MFG | | | | | | | | | |
| Q.A | | | | | | | | | |
| | | | | | | MATERIAL: | | DWG. NO. | |
| | | | | | | WEIGHT: | | SCALE:1:10 | |
| | | | | | | | | SHEET 1 OF 1 | |

exploded_view_c2