

CyberTipper – Engineering Assembly Manual

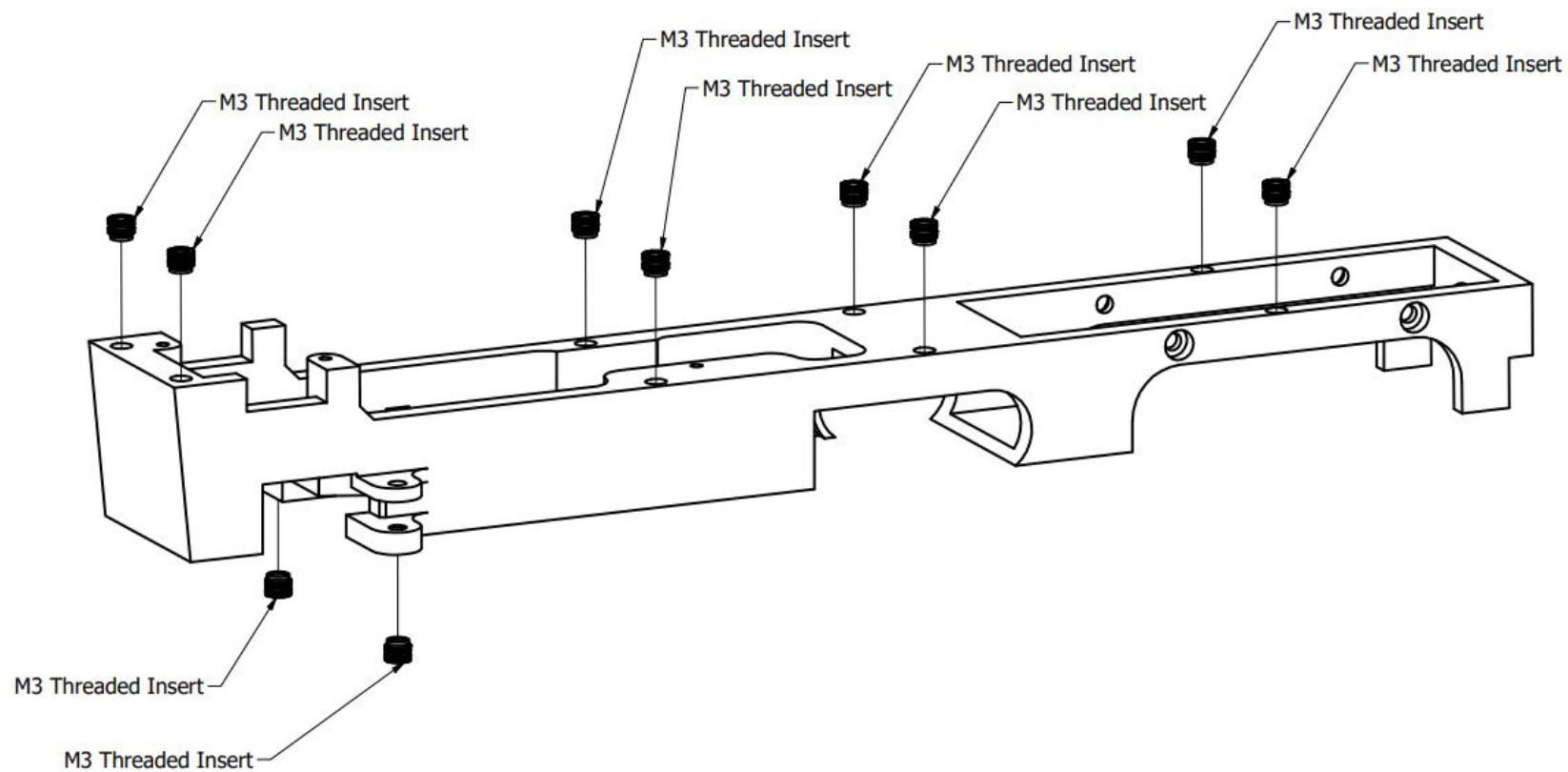


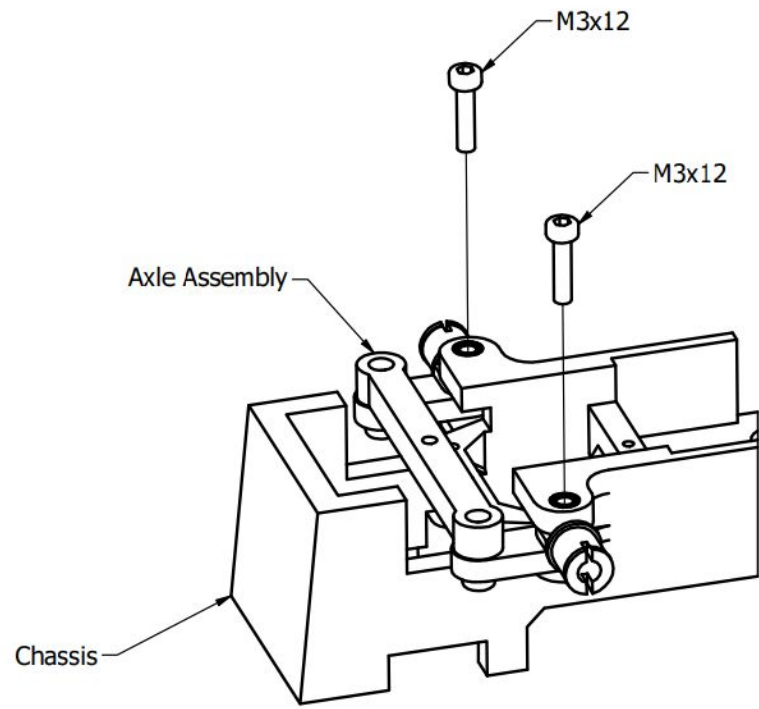
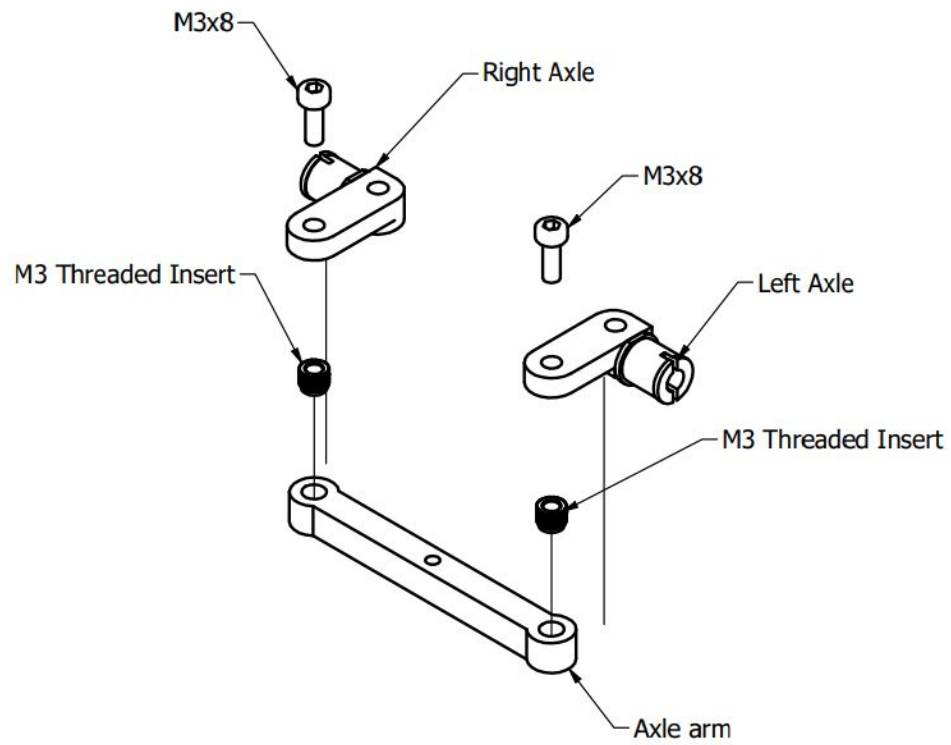
Bill of Materials (non-printed parts)

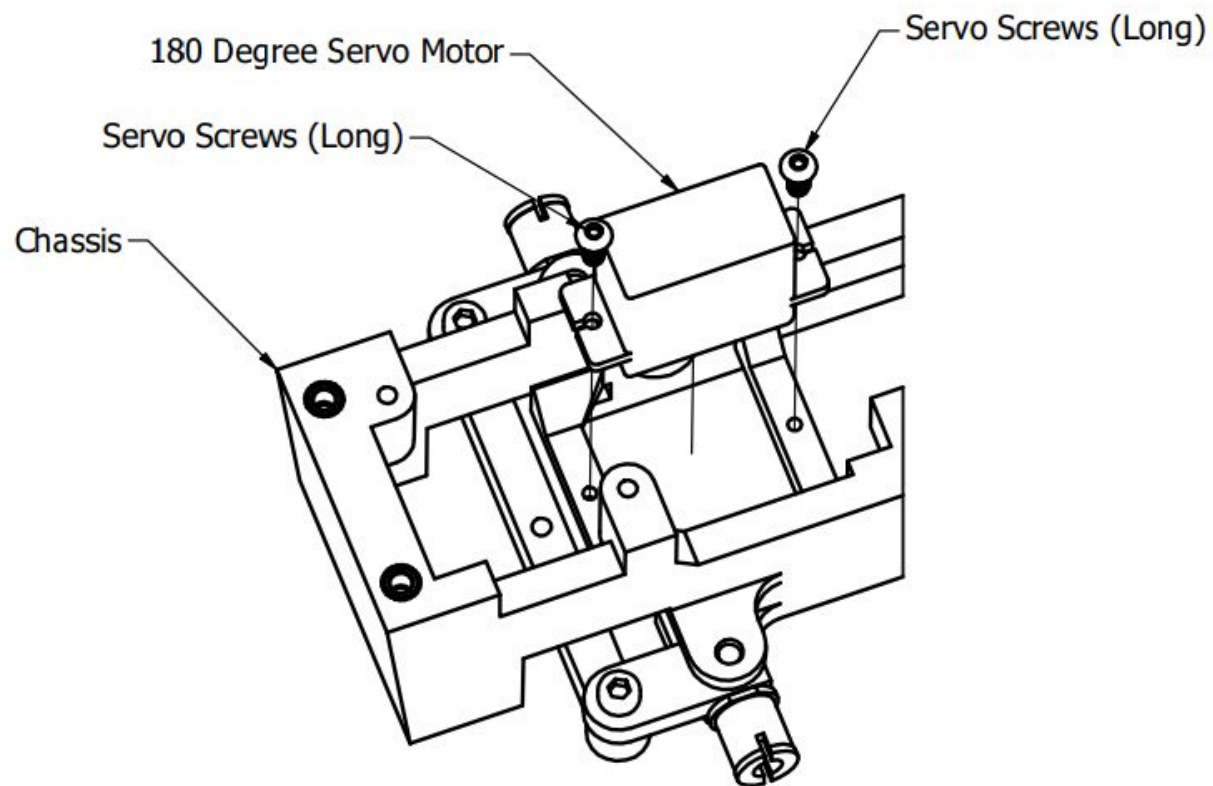
Name	QTY
Remote Control Receiver-XA003-XA004	1
14500 7.4V 800mAh Li-ion Battery-PC003	1
Power Switch Board with 2Pin XH2.54 Connector-XA007	1
9g servo motor with clutch prot	1
N20 Reduction Gear Motor - LA003	1(2*)
N20 M3 Threaded Shaft - LA007	1
100mm Wire with 3Pin SH1.0 Connectors (2PCS) - XC006	1
WS2812 LED Hub with 3Pin SH1.0 Connector (1PCS) - XA006	1

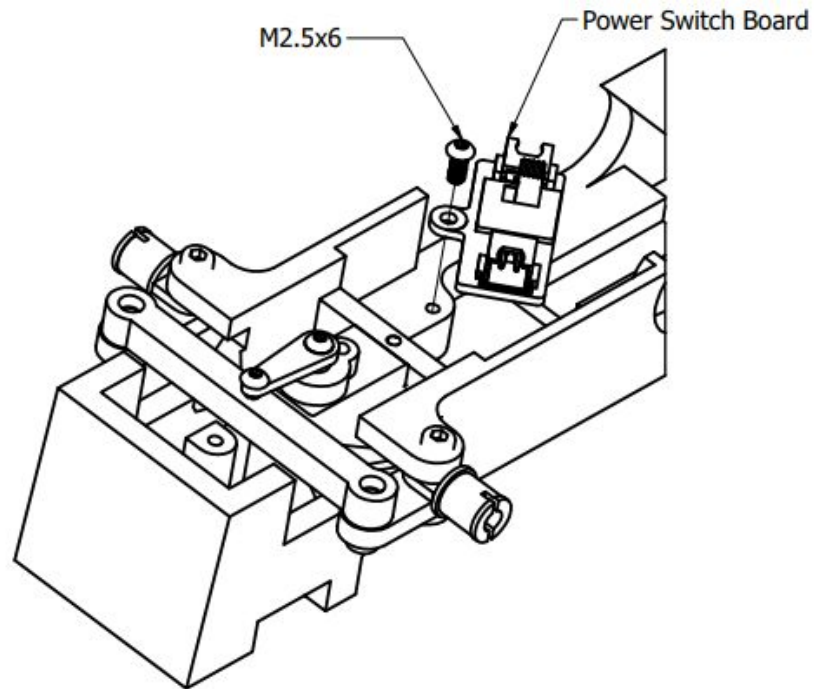
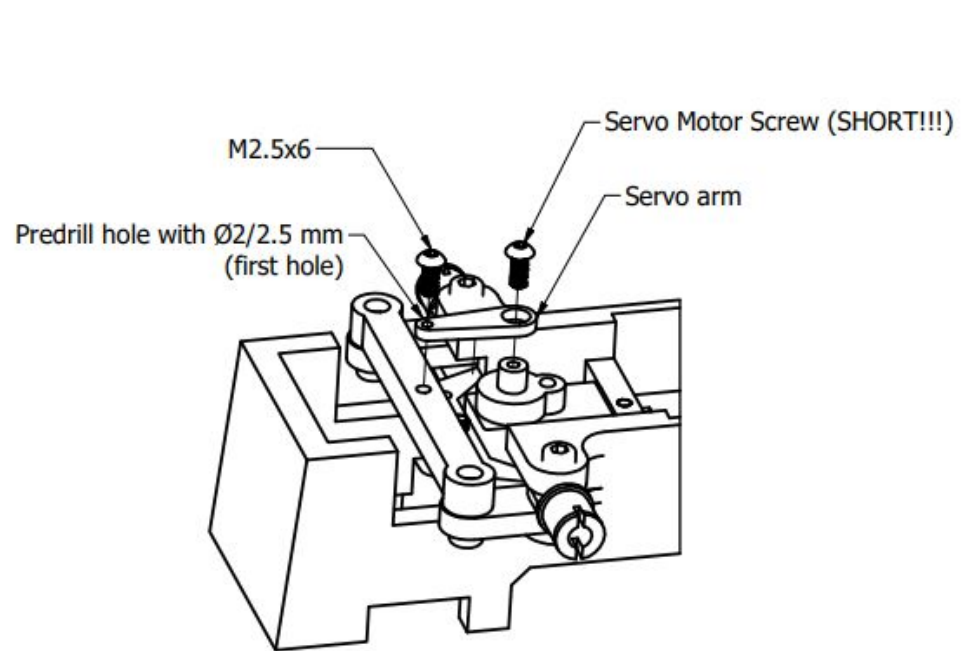
WS2812 RGB LED with IDC0.8 4PIN (2PCS) - KB003	1
M3x5x4 Round Threaded Brass Heat-Insert Nut - AB012	29
M2.5x6 BHCS Machine Screw - AA050	6
M3x8 SHCS Machine Screw - AA037	21
M3x12 SHCS Machine Screw - AA038	3
MR128zz-EA004	4
608-EA028	2
D5x2mm - CA003	4
Wire Pair with SH1.0 (300mm) XC014	1(2*)
SH1.0 to Dual SH1.0 adapter - ZH090	1

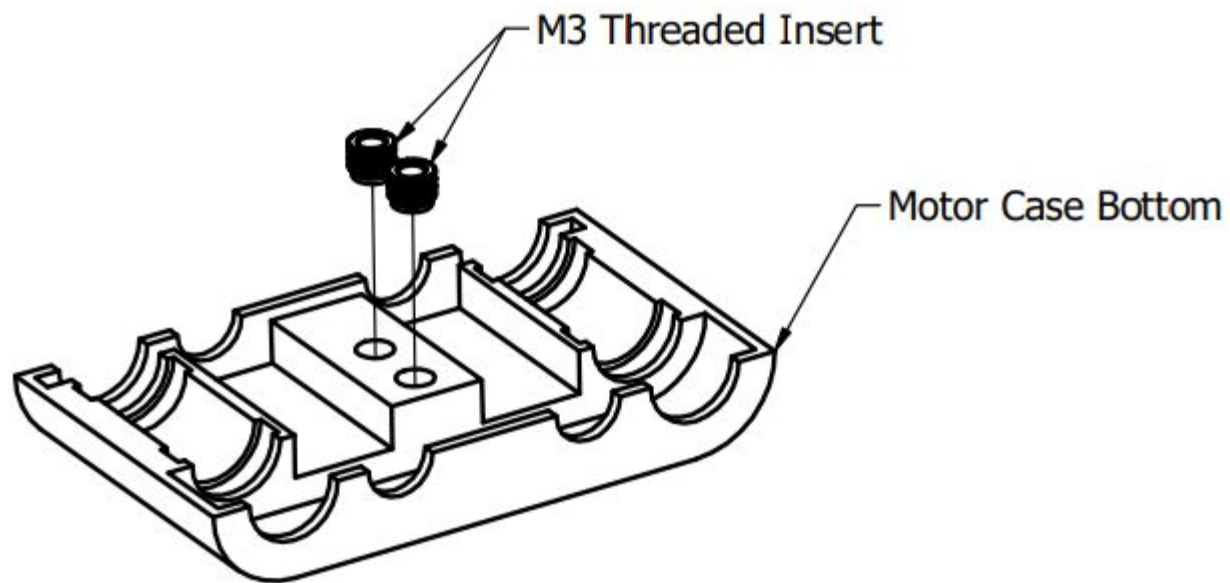
Note: The QTY indicates the amount required for the build. Bambu sells some items in packs.
For example, **QTY 4× M2.5×6 Machine Screws = 1 pack (20 pcs).**



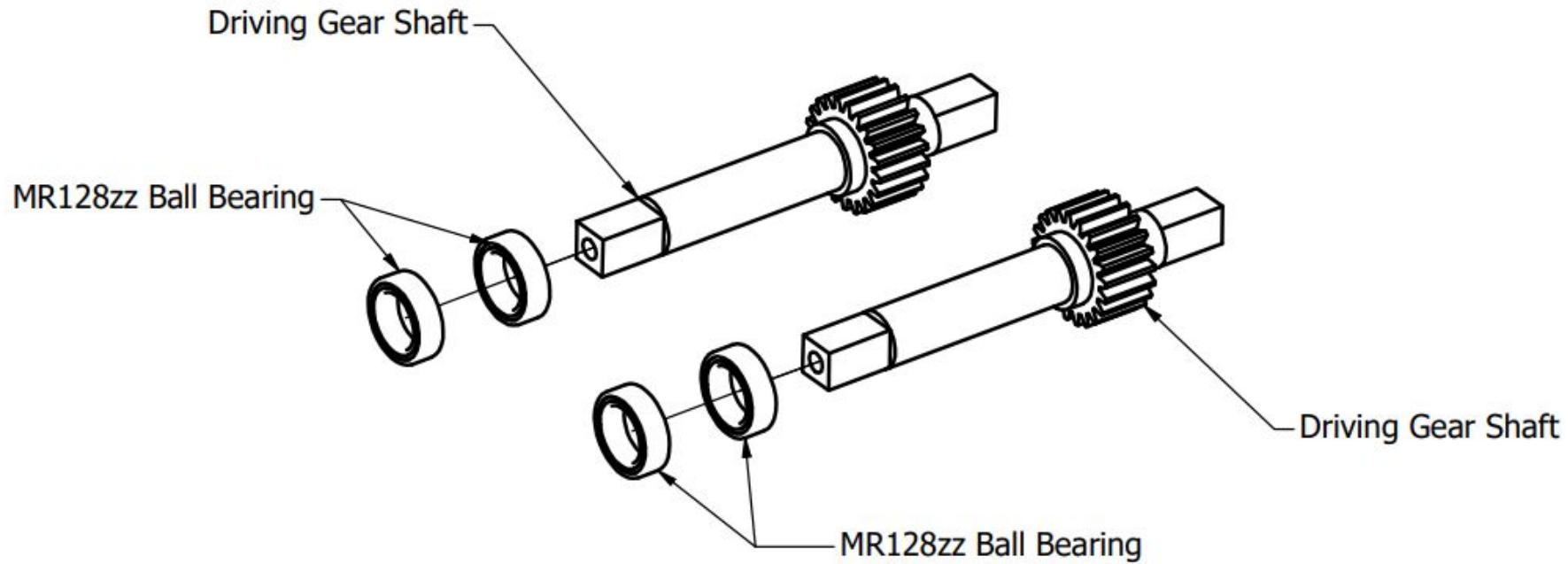




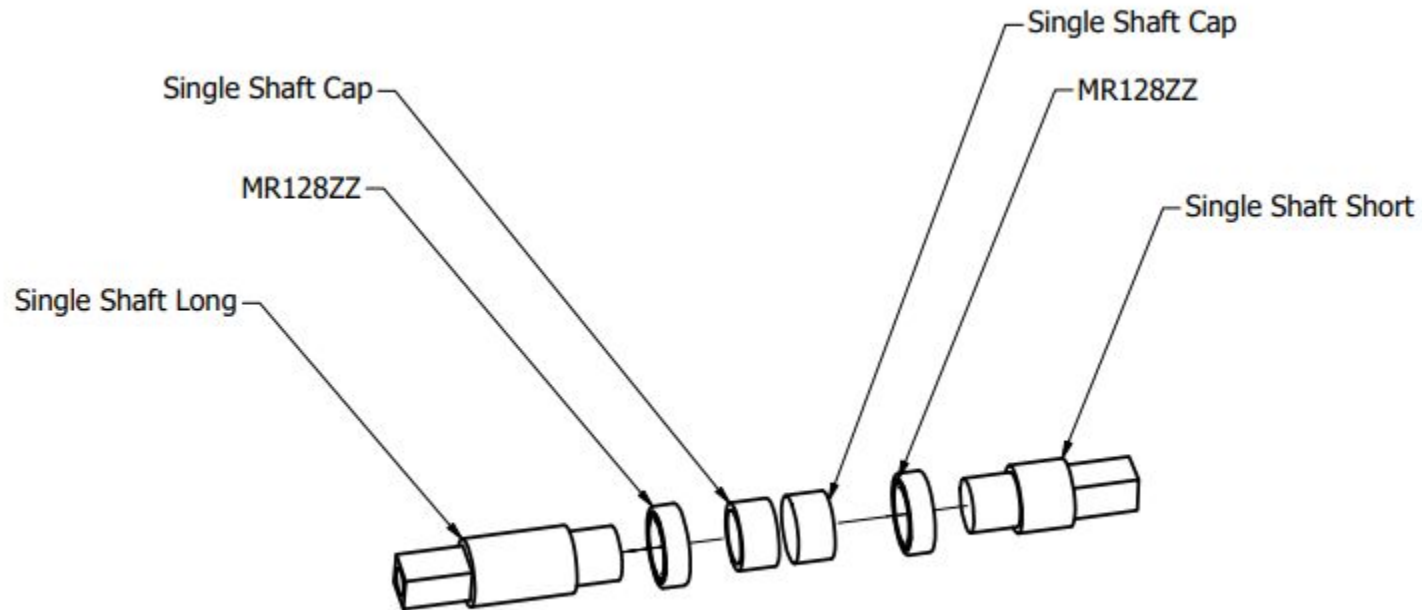


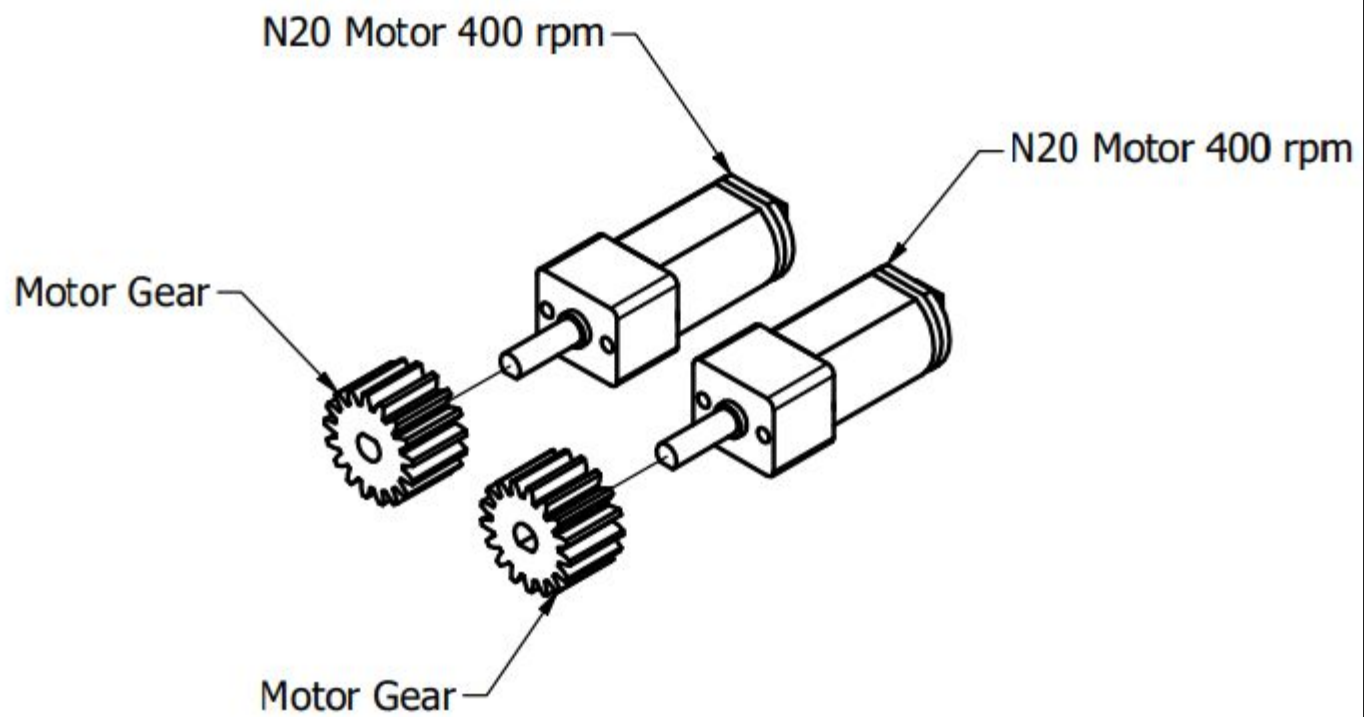


Dual motor setup**

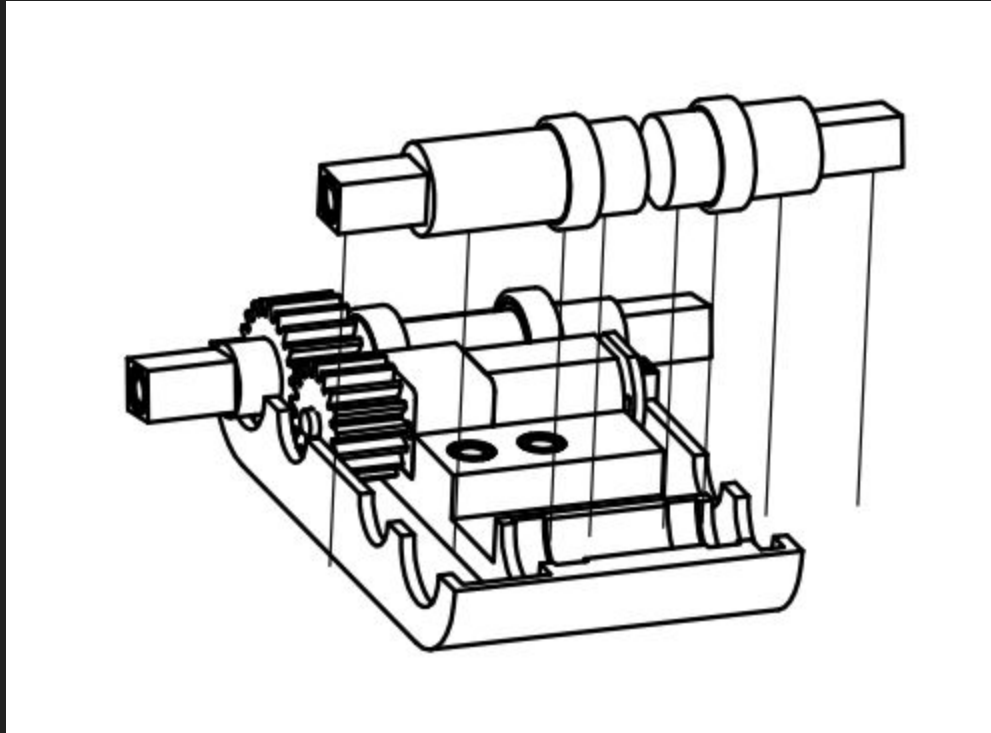


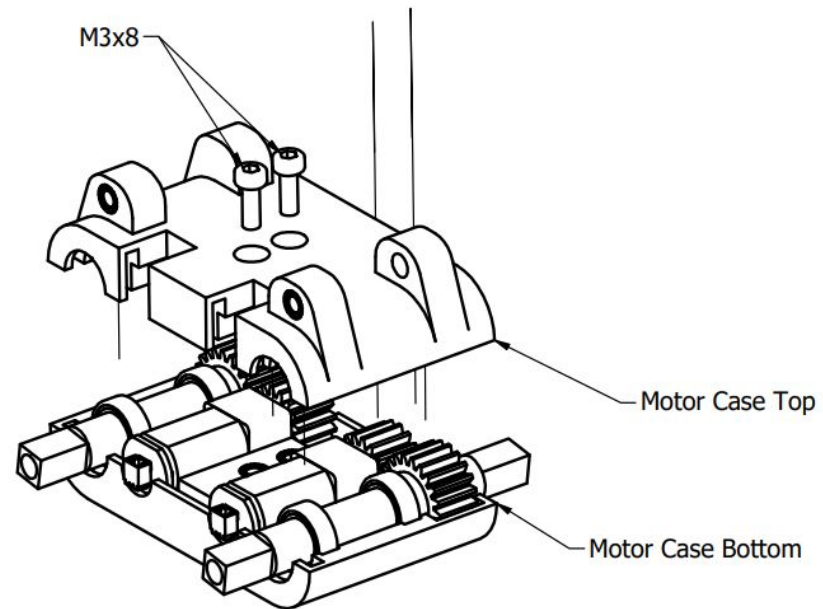
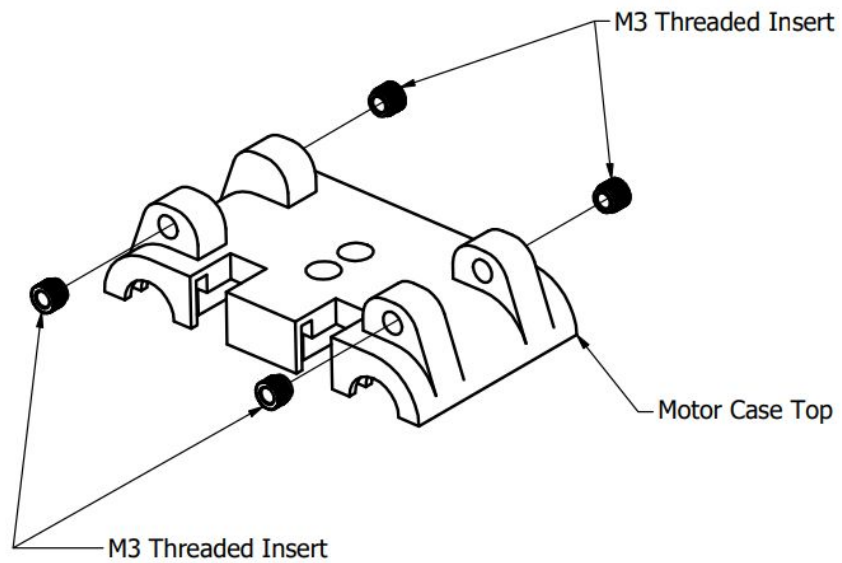
Single motor setup**



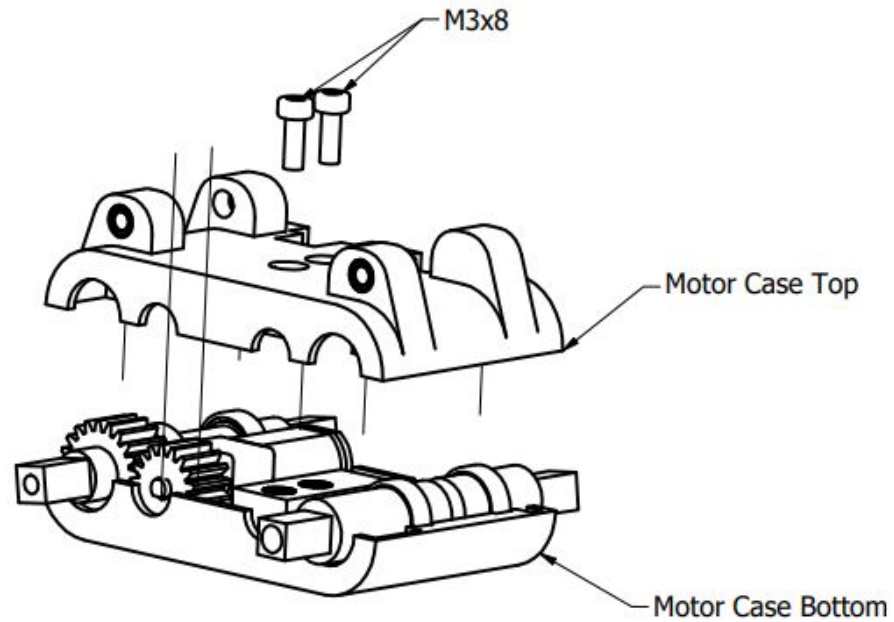


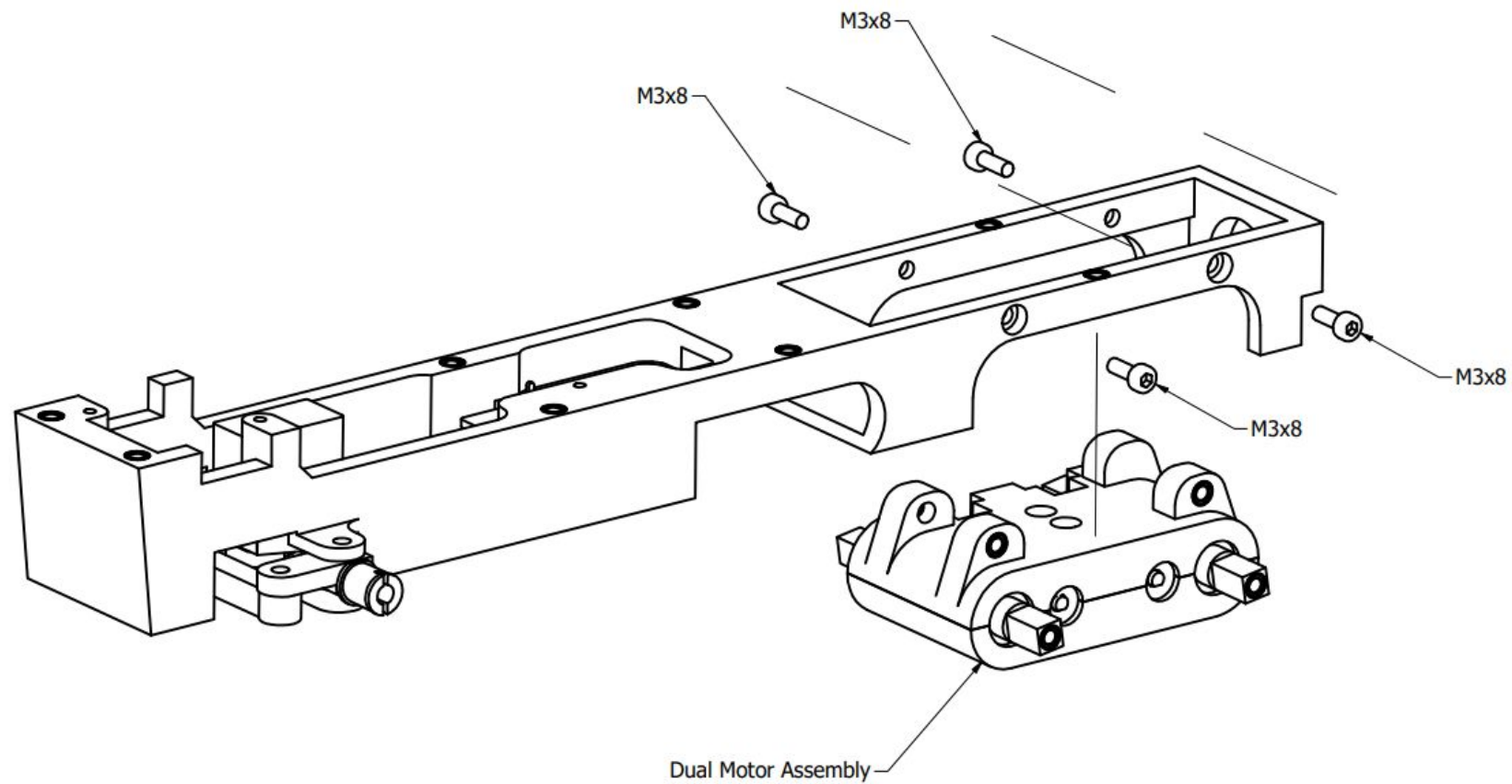
Single motor setup**

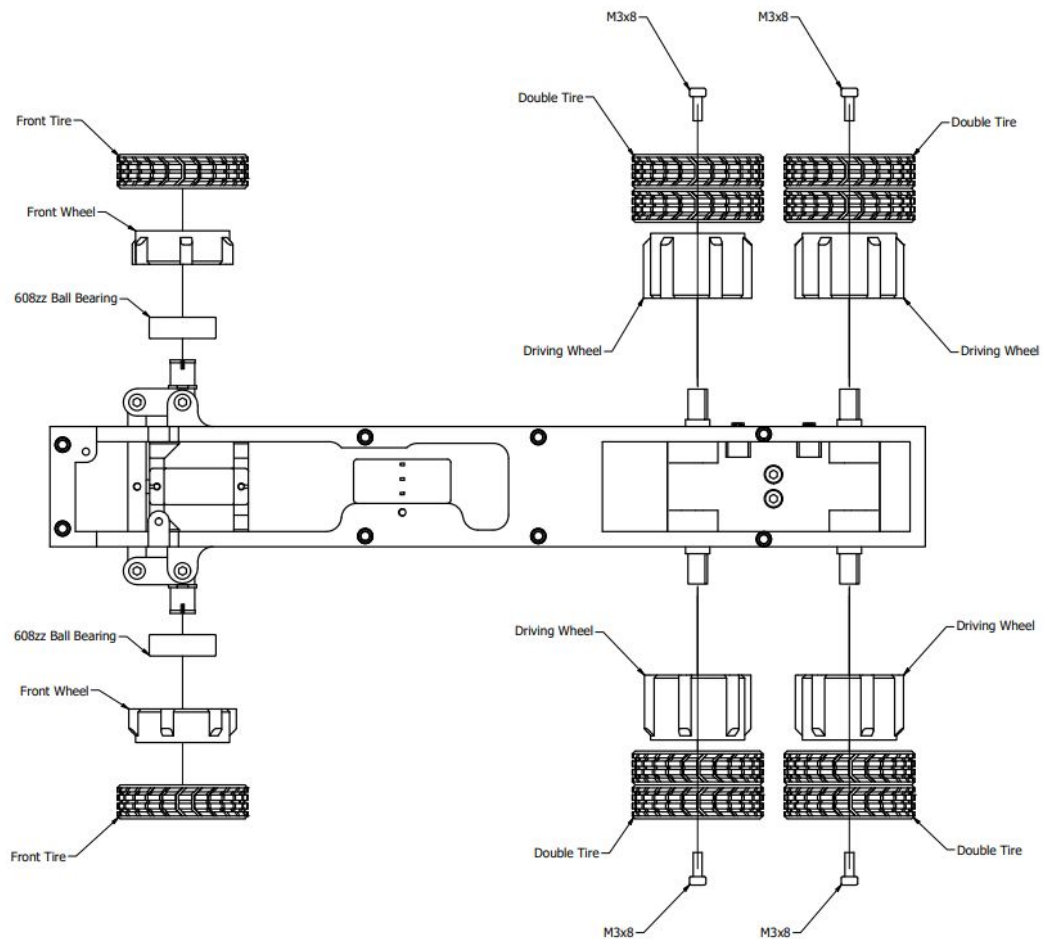


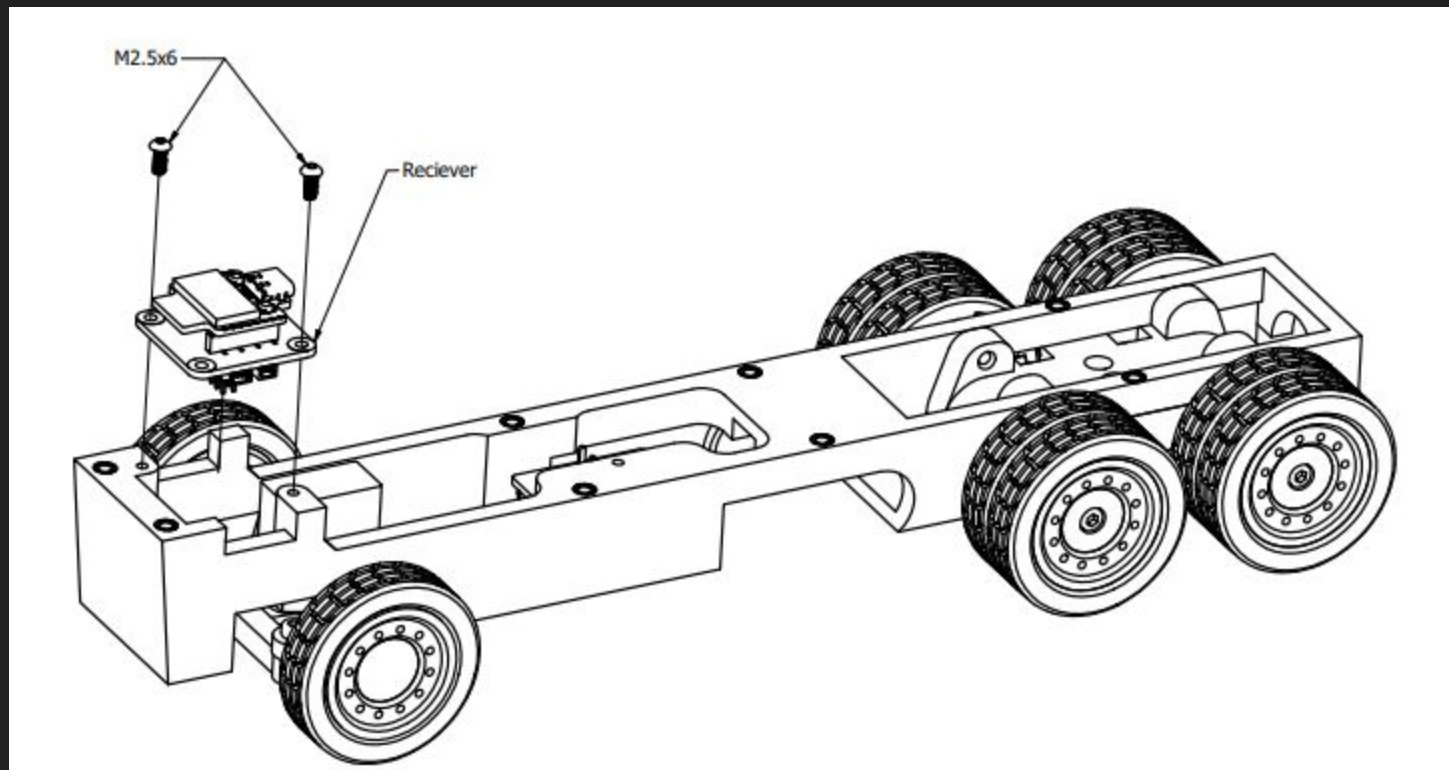


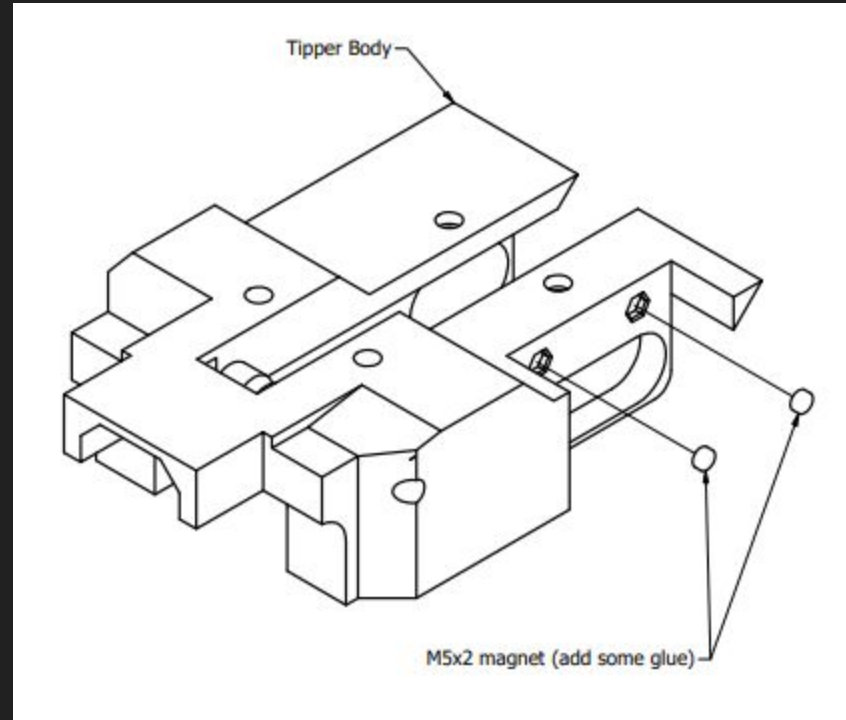
Single motor setup**

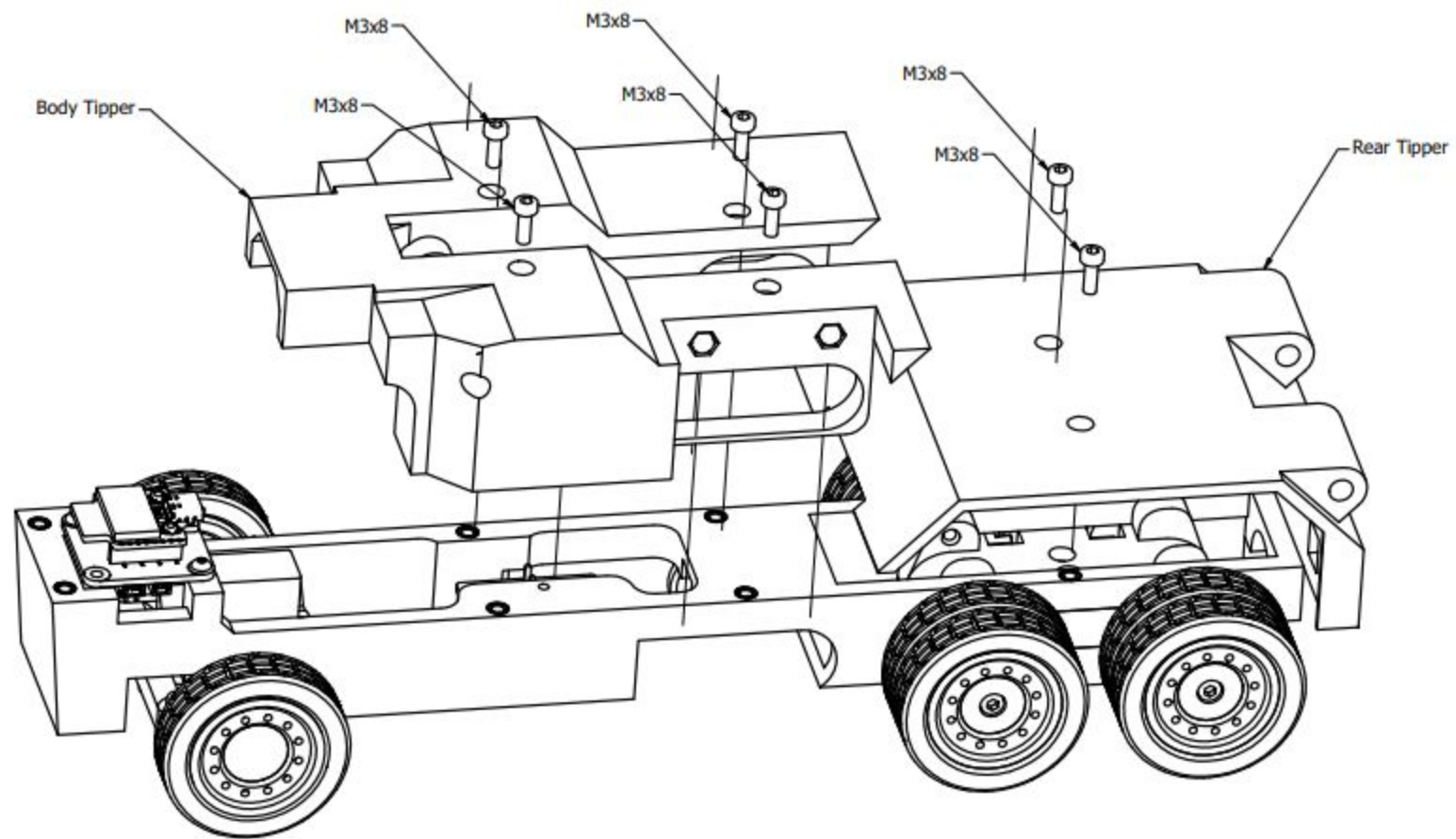




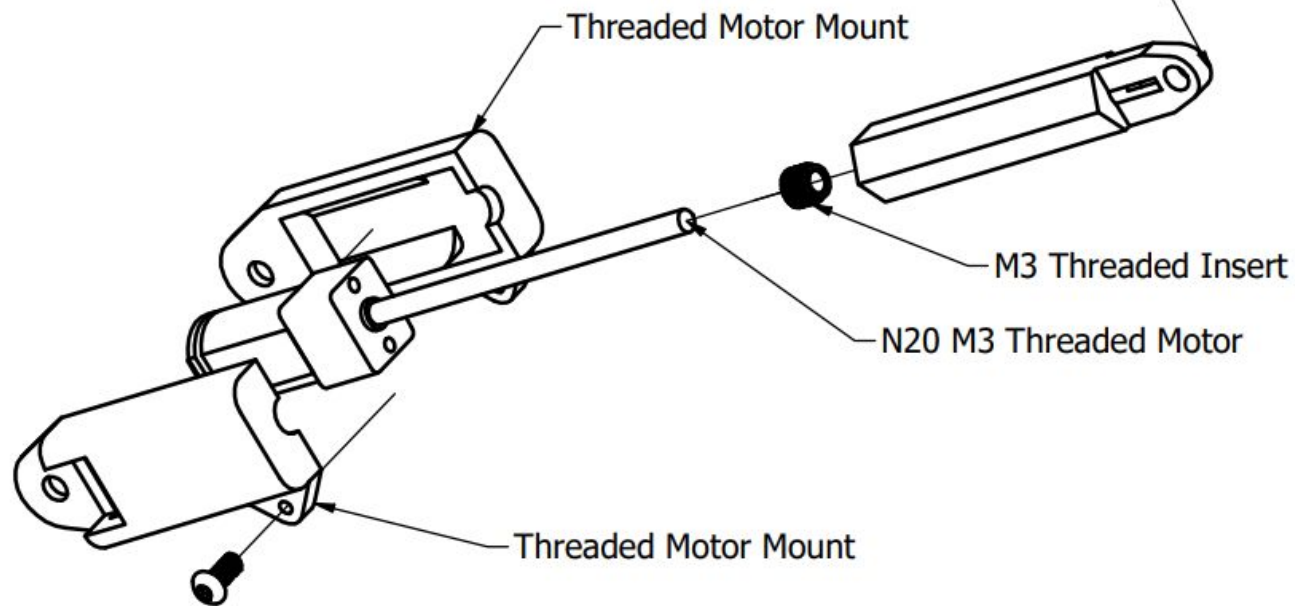


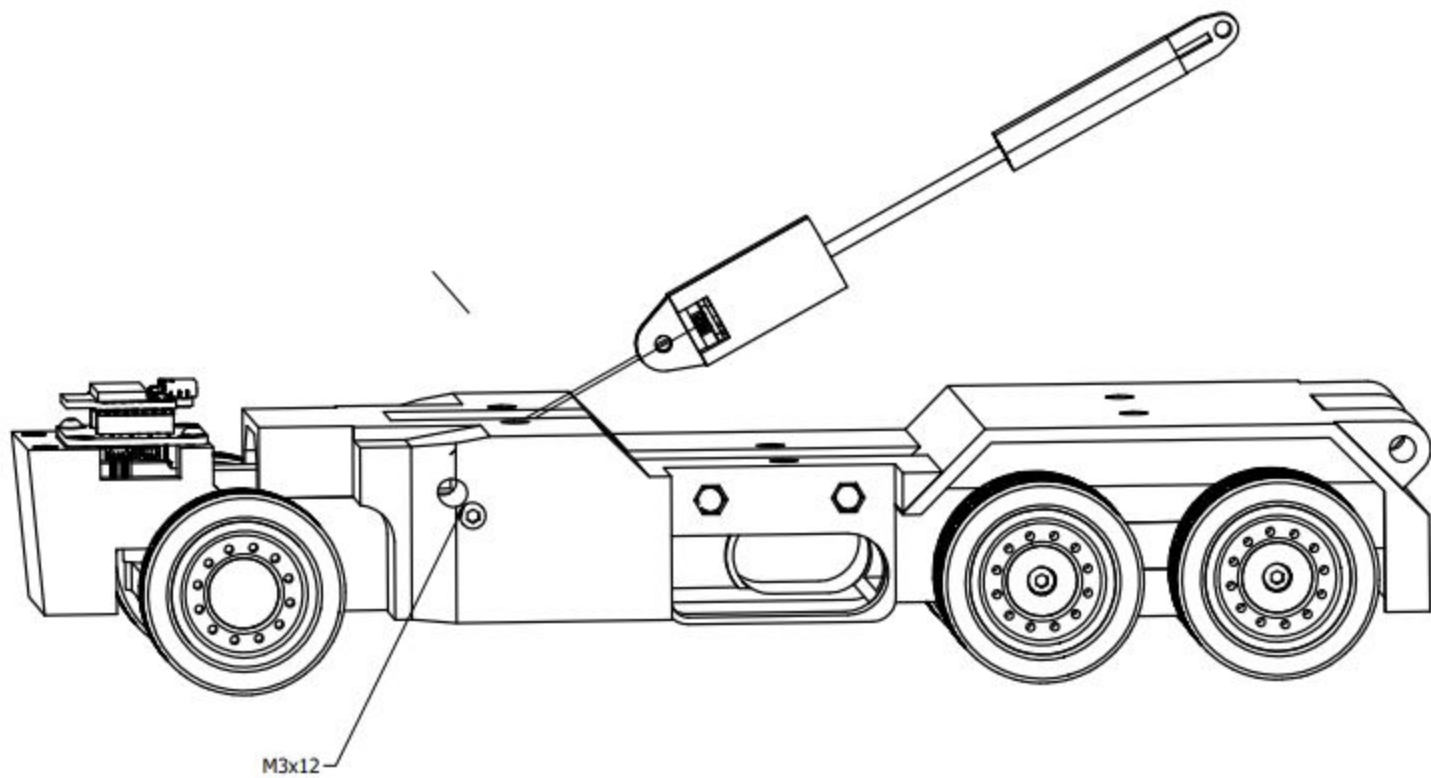


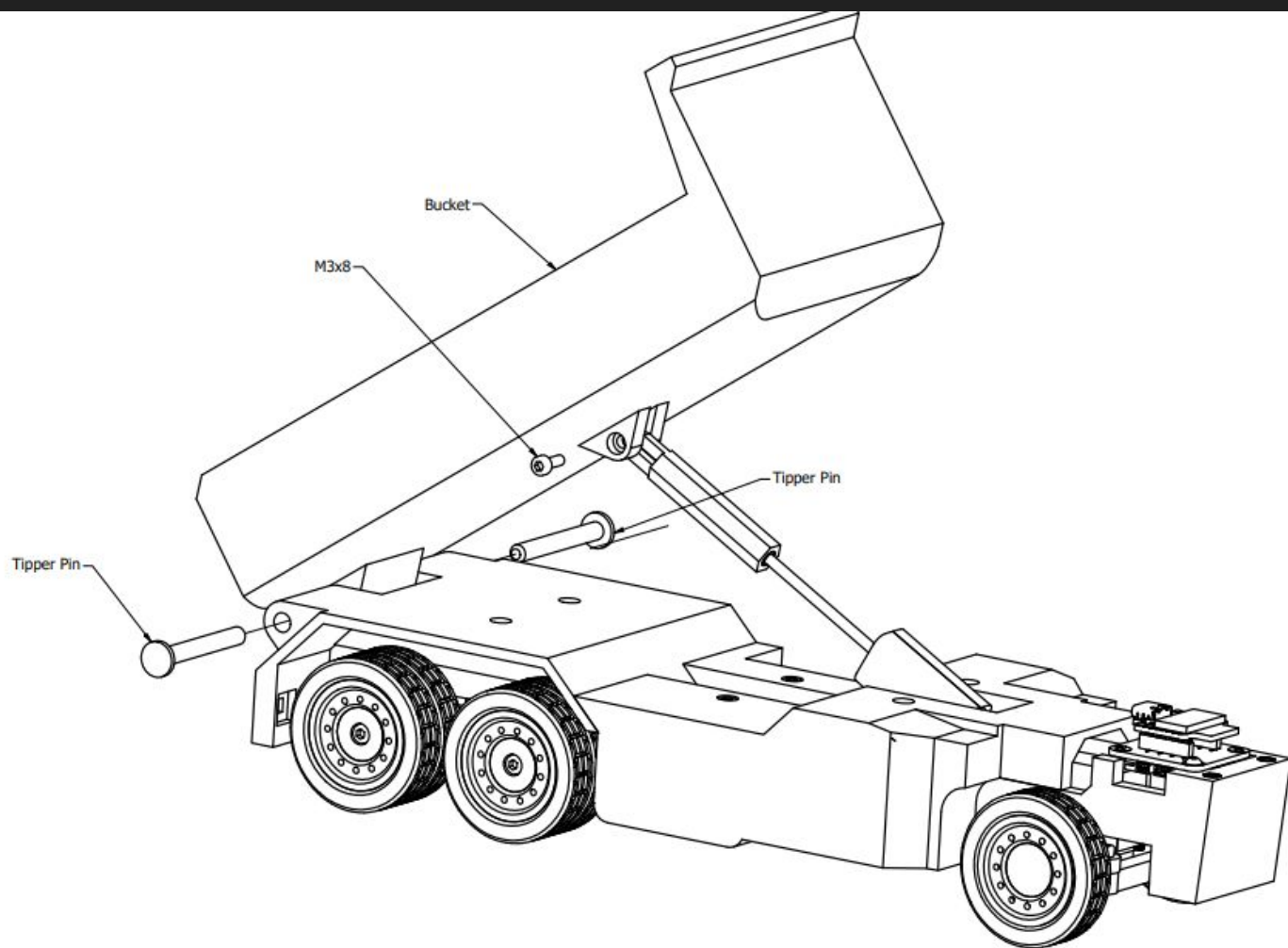




Bucket Threaded Rod Connector
- Rotate the connector onto the motor shaft.







OPTIONAL



Rear Lights

Remote : L Shoulder 3-Po



Tipper Motor

Remote : R Shoulder Stick



Steering(Angular)

Remote : R Stick



Right LED to pos 1
Left LED to pos 2



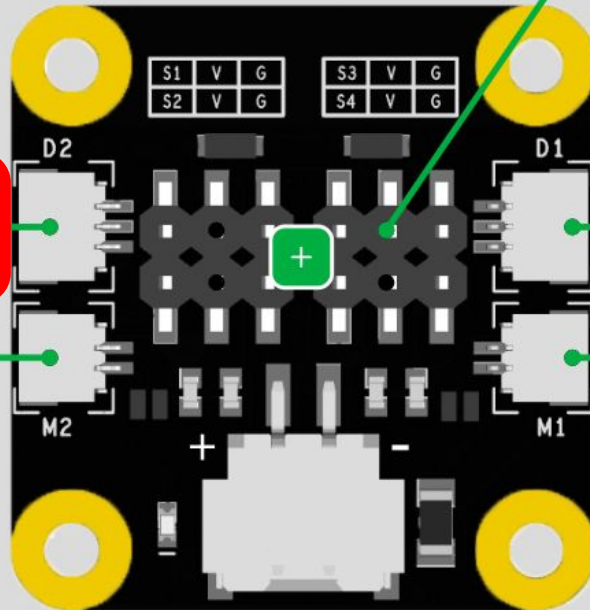
Front Lights

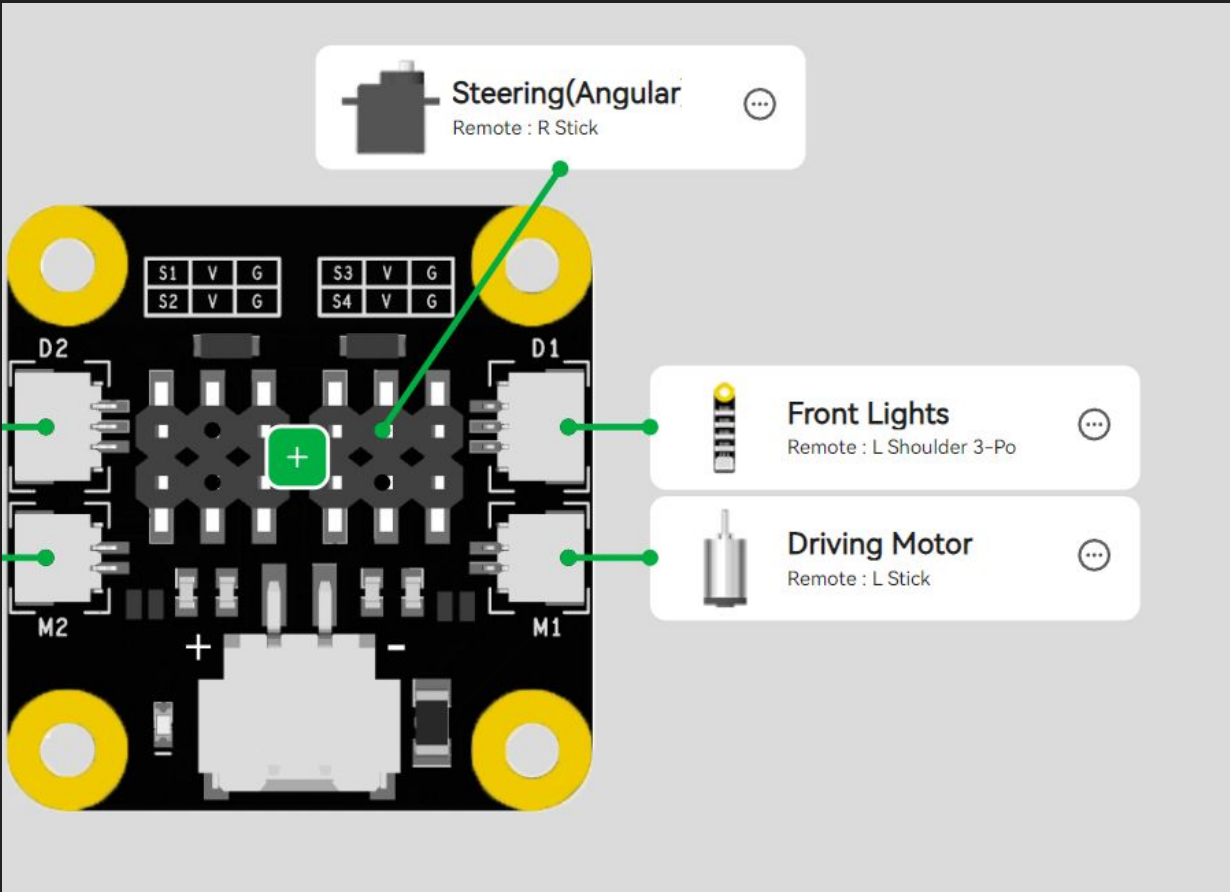
Remote : L Shoulder 3-Po



Driving Motor

Remote : L Stick





To use dual motors,
please connect the
two motors to ->
“SH1.0 to Dual SH1.0
Adapter” -> **M1**

