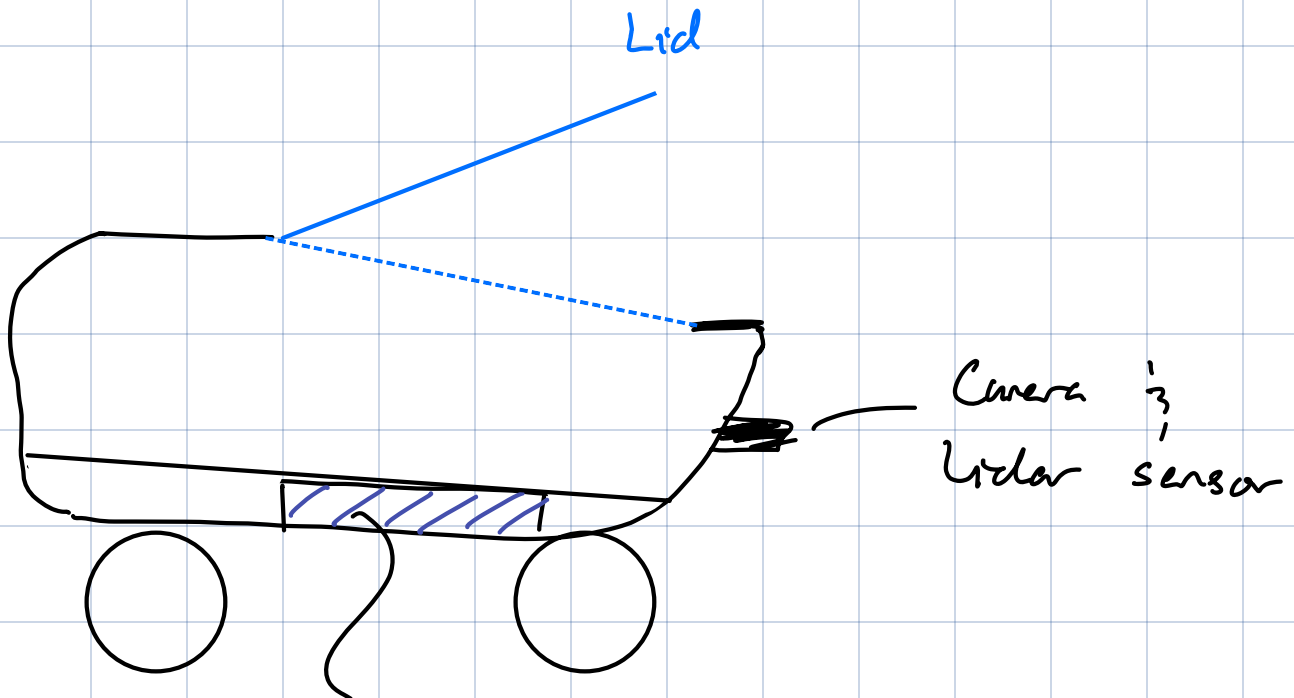
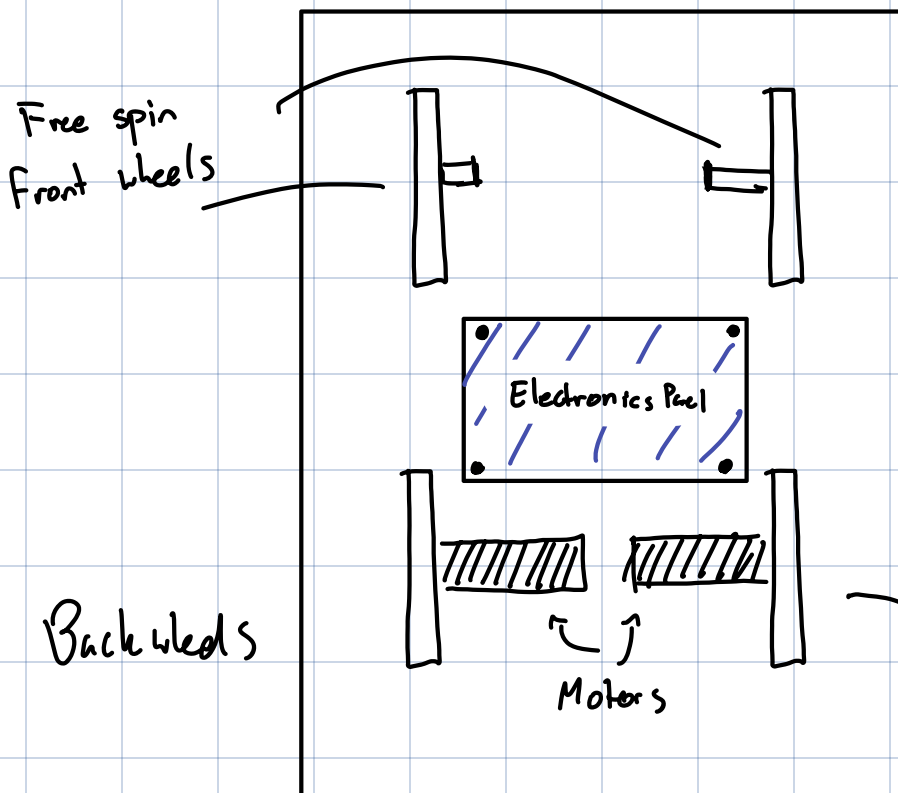


Concept



Electronics



Max Payload ~ 25 kg

Desired speed ~ 2 m/s

Needed ang/vel. ~ 36 rad/s

$$m/s = 55 \text{ mm} \times \omega$$

$$\omega = 54 \text{ rad/s}$$

$$\tau_{\text{desired}} = 10 \text{ N}\cdot\text{m}$$

$$\phi = 110 \text{ mm}$$

\hookrightarrow gearbox (likely) possibly required