



2022

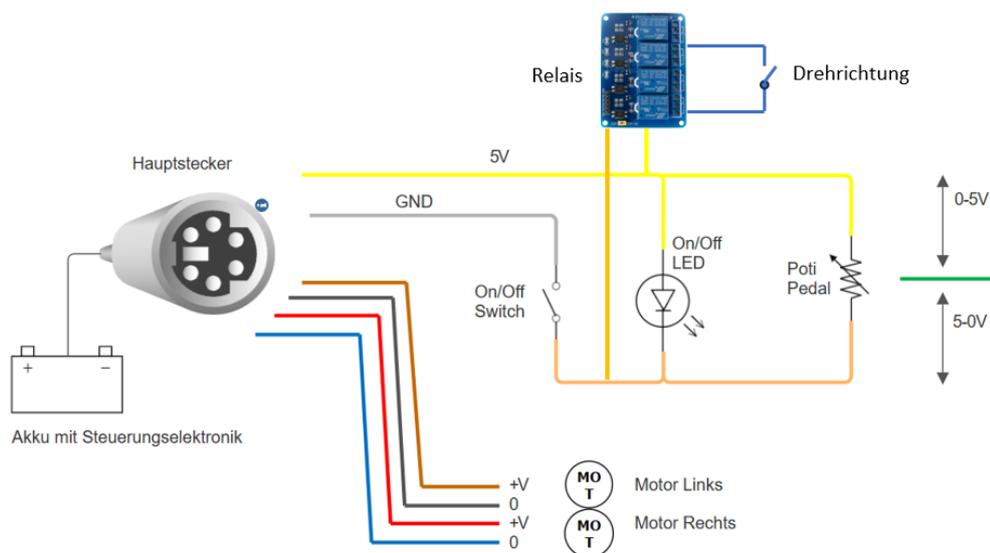
# Marmötli Service Manual

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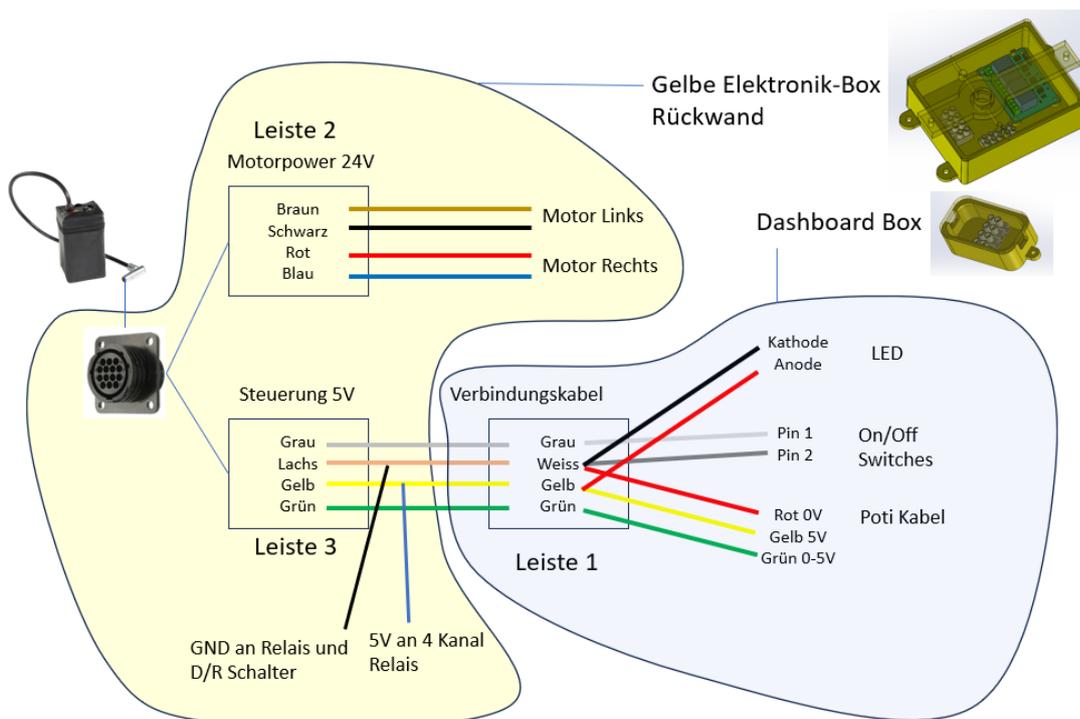
# 1 SERVICE MANUAL

## 1.1 Elektrik und Elektronik

### 1.1.1 Schema

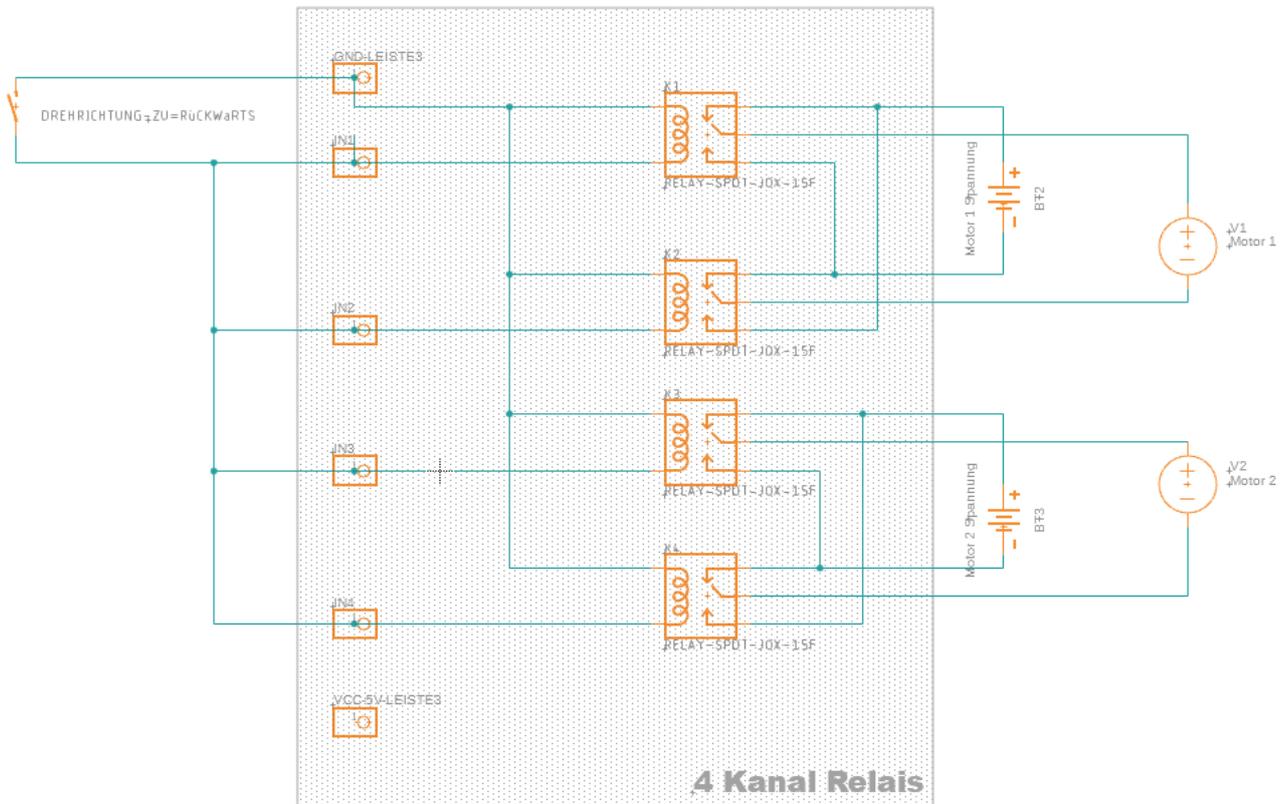


### 1.1.2 Kabelbaum

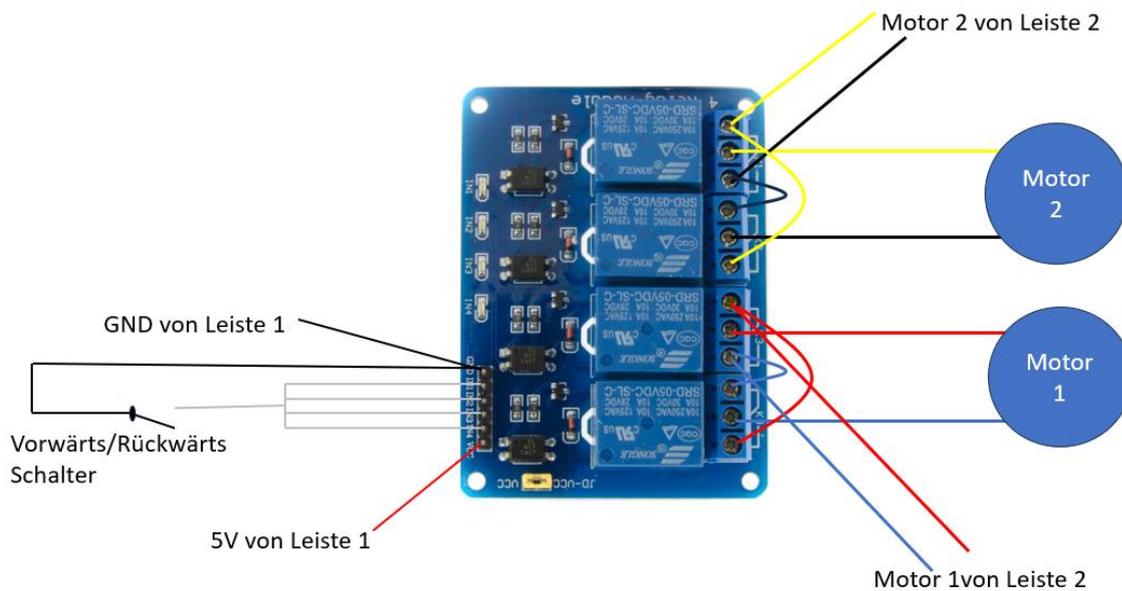


### 1.1.3 DC Motor Umpolung, Vorwärts- Rückwärts

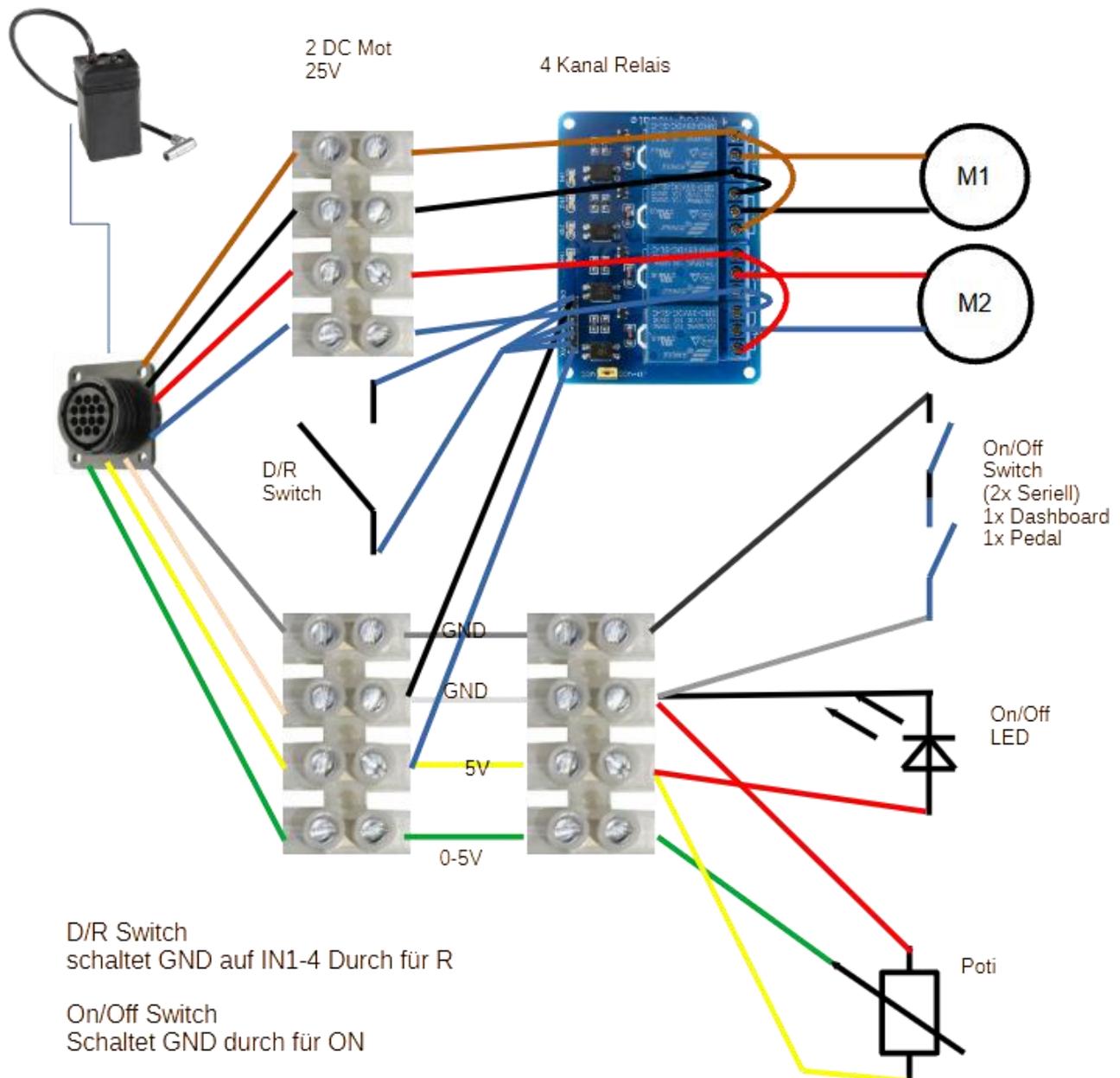
#### Schema



#### Relais Verkabelung



### 1.1.4 Verkabelung Gesamt/Drahtfarben

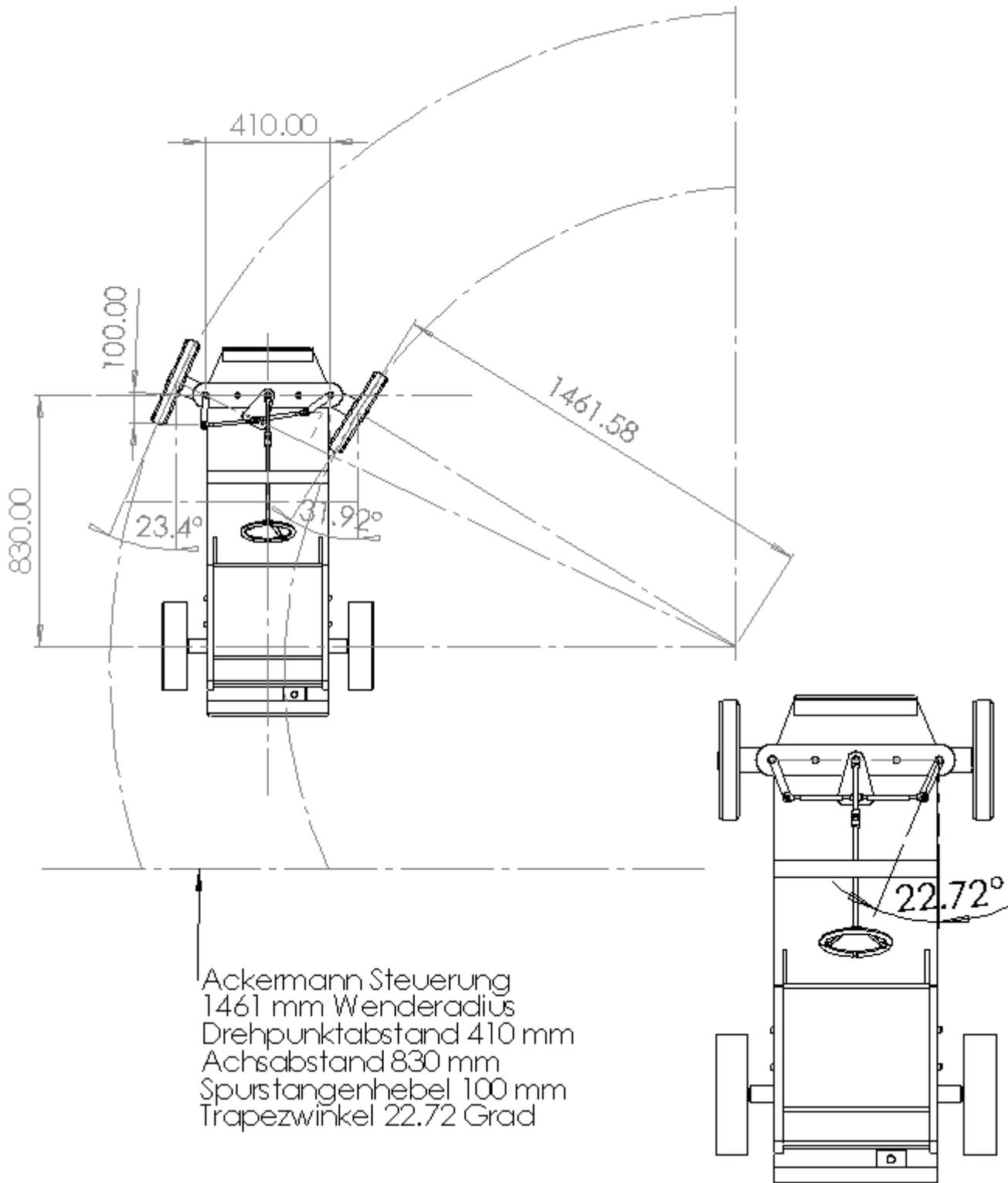


Der On Off Switch ist doppelt in Serie ausgeführt. Erster Switch am Dashboard, zweiter Switch am Pedal (entspricht Notabschaltung bei loslassen)

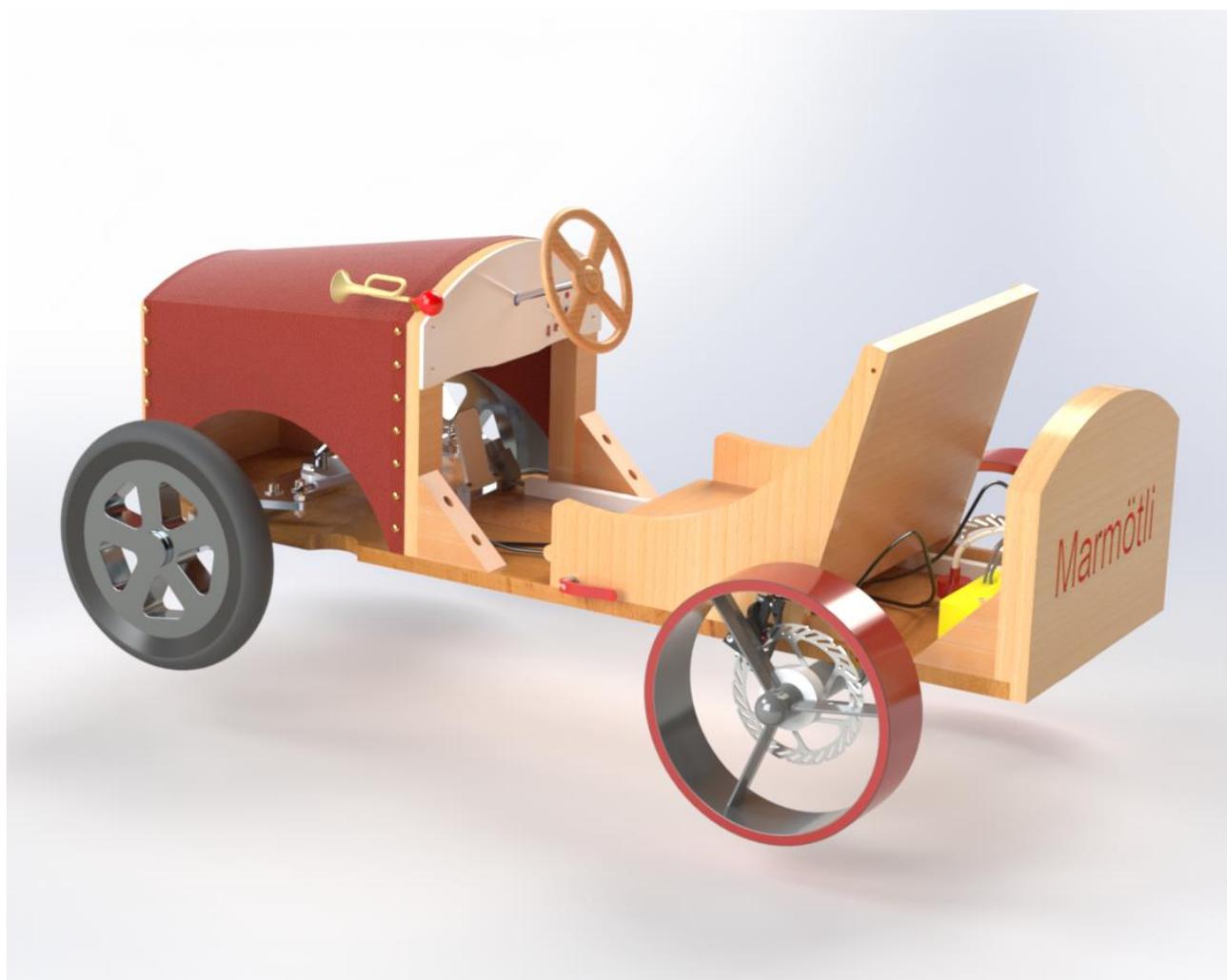
## 2 DESIGN

### 2.1 Lenkgeometrie

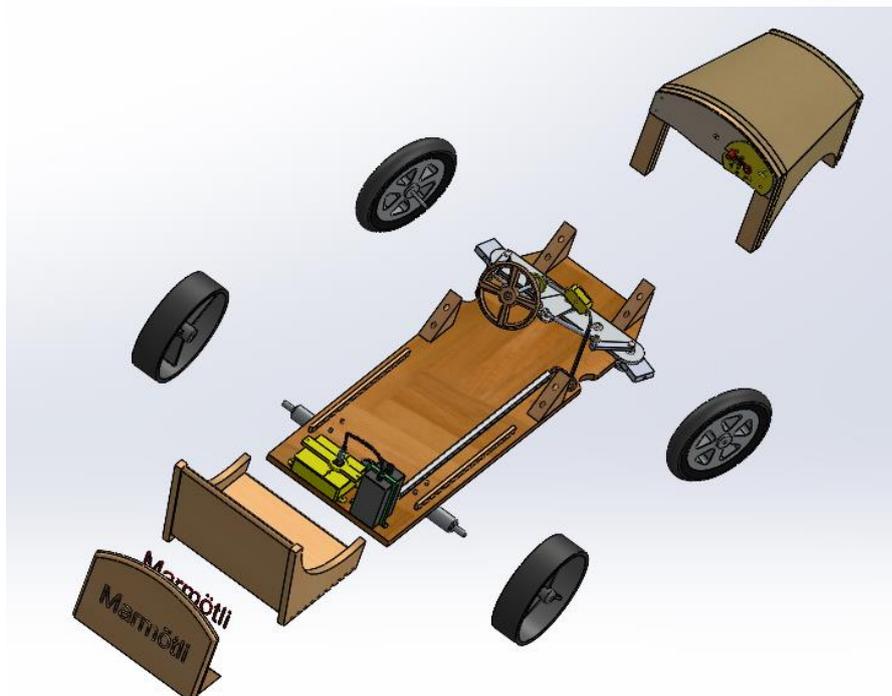
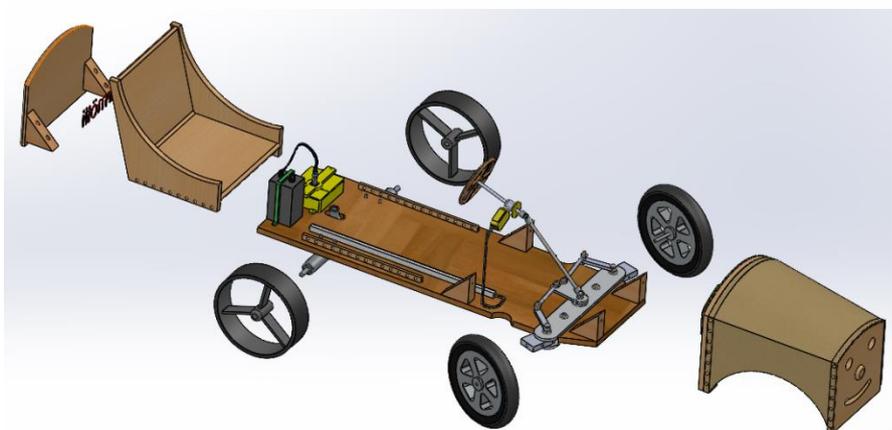
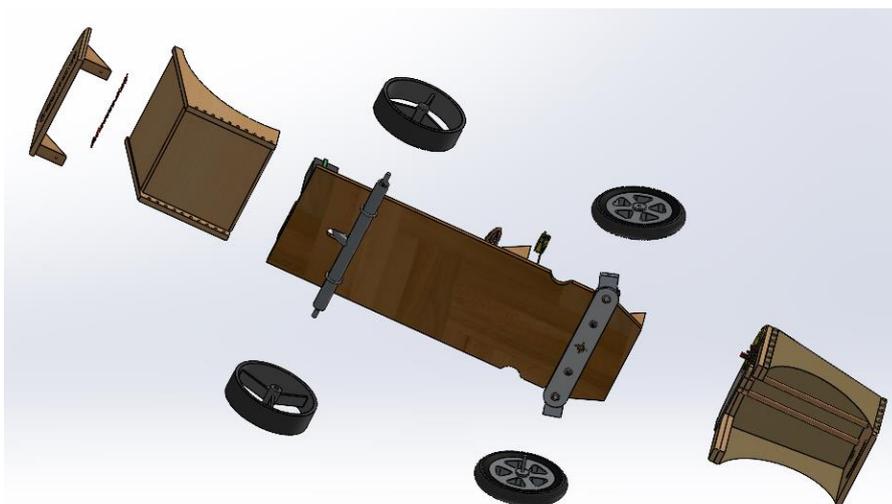
Ackermann Trapezlenkung:



## 2.2 Renderings



## 2.3 Explosionsansichten



## 2.4 Technische Daten

Akku: Li-Ion, 25.2V, 10Ah, 260Wh

Lenkung: Ackermann Trapezlenkung

Gewicht: 25Kg

Vmax: 8 Km/h

Material: Alu, Holz

Radstand: 830mm