DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING THE UNIVERSITY OF TEXAS AT ARLINGTON

FENDER Hardware Schematics

CSE 4317: Senior Design II

Spring 2022



ERBPS

F.E.N.D.E.R

JONAH BUI

BURHANUDDIN CHINWALA

CONNOR DOMINGUEZ

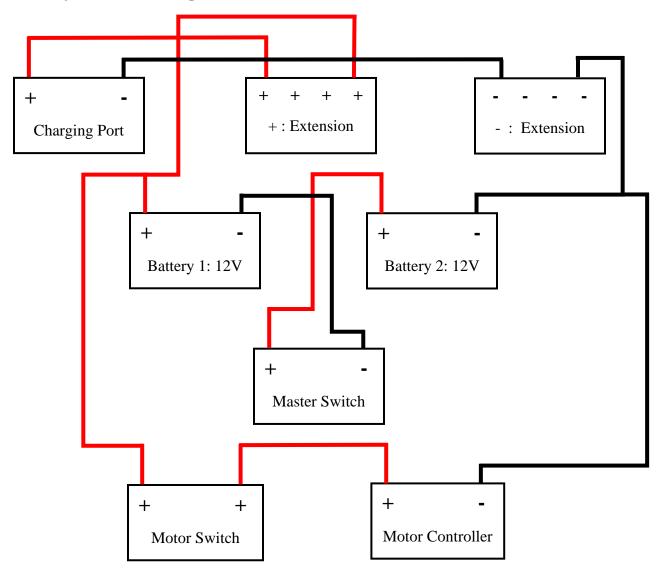
IAN KLOBE

ANH TRAN

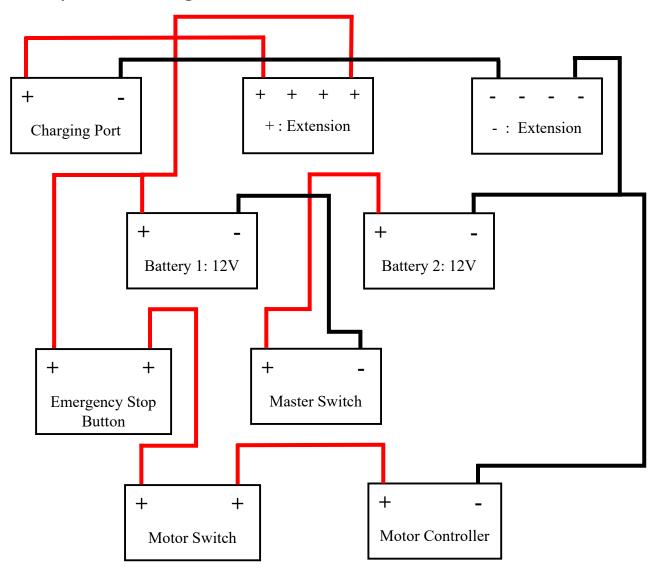
Table of Contents

Battery Electrical Diagram 1.0	Pg 1
Battery Electrical Diagram 2.0	Pg 2
Battery Electrical Diagram 3.0	Pg 3
Sabertooth Electrical Diagram 1.0	Pg 4
Sabertooth Electrical Diagram 2.0	Pg 5
Raspberry Pi 4 Electrical Diagram 1.0	Pg 6

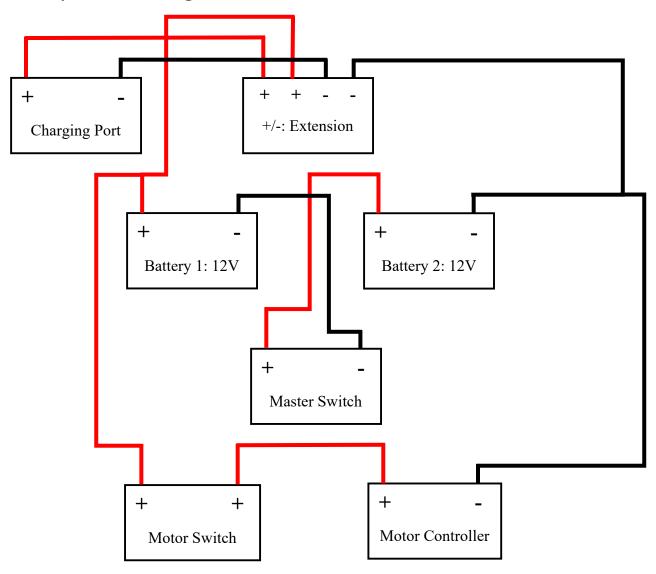
Battery Electrical Diagram:



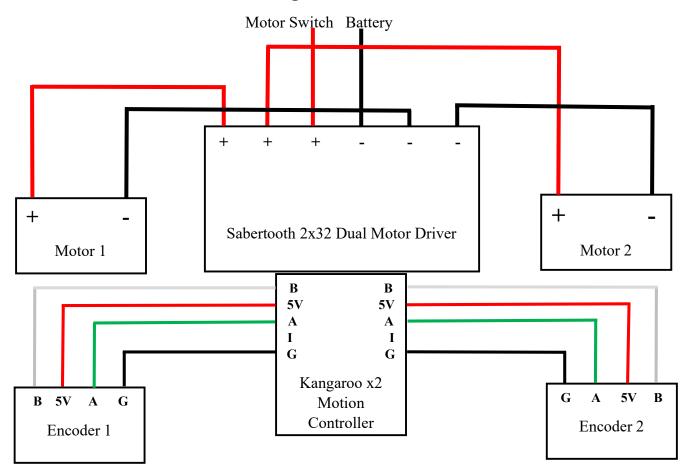
Battery Electrical Diagram:



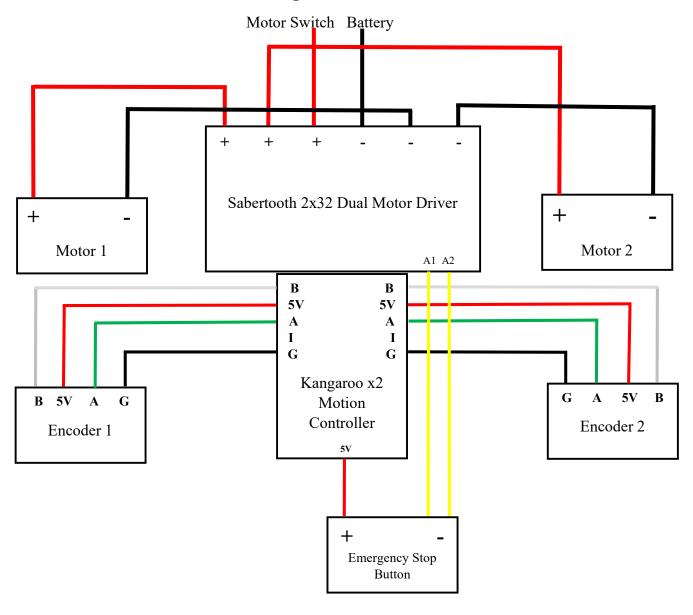
Battery Electrical Diagram:



Motor Controllers Electrical Diagram:



Motor Controllers Electrical Diagram:



FENDER Raspberry Pi 4 Electrical Diagram

