



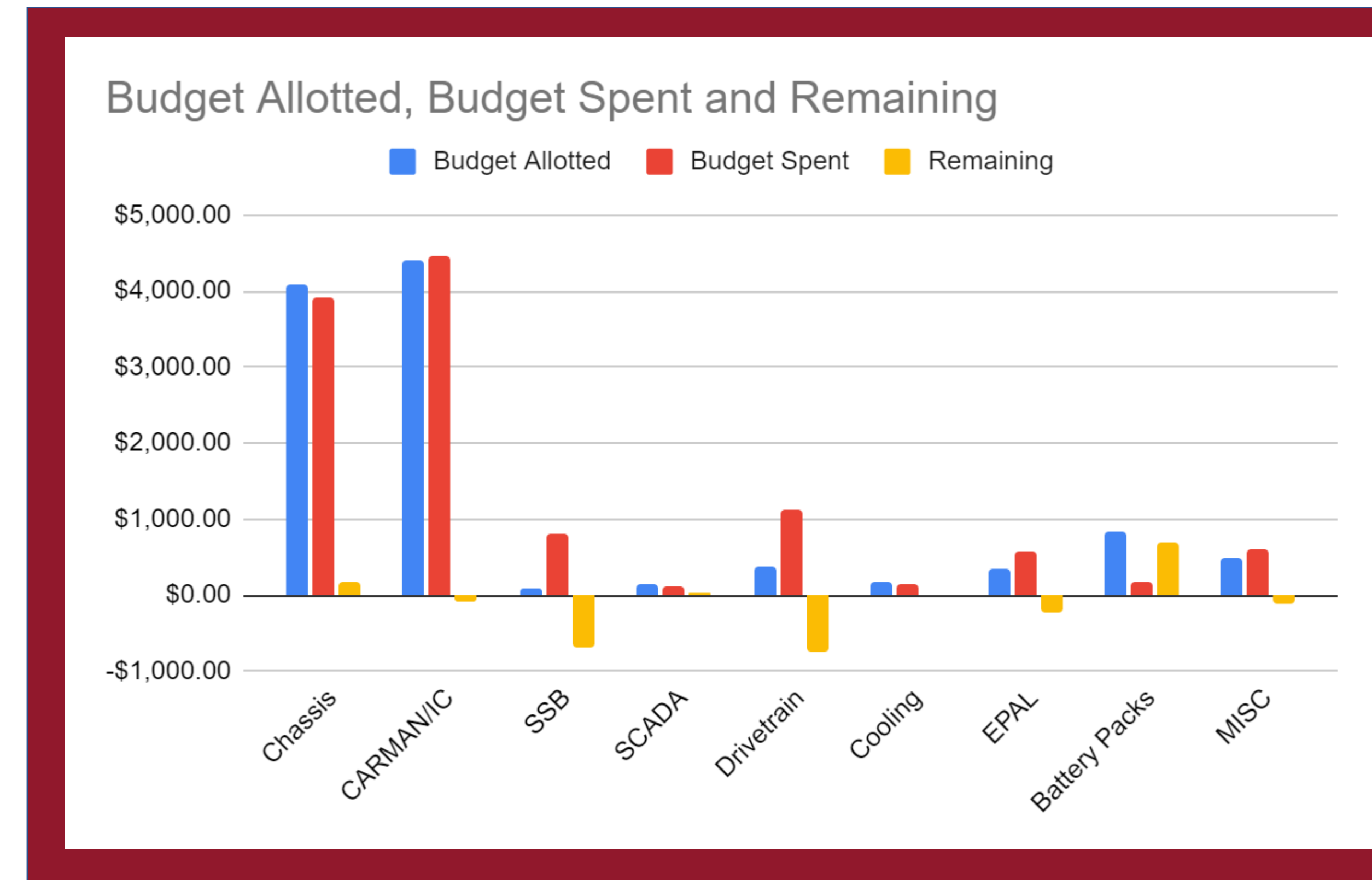
# Lafayette FSAE EV Budget and Purchasing

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## 2020-2021 Budget

	Budget Allotted	Budget Spent	Remaining	Percent to Plan
Chassis	\$4,085.55	\$3,923.15	\$162.40	96.03%
CARMAN/IC	\$4,392.18	\$4,471.80	-\$79.62	101.81%
SSB	\$100.00	\$799.22	-\$699.22	799.22%
SCADA	\$139.90	\$103.80	\$36.10	74.20%
Drivetrain	\$385.18	\$1,133.84	-\$748.66	294.37%
Cooling	\$161.09	\$161.05	\$0.04	99.98%
EPAL	\$350.00	\$589.32	-\$239.32	168.38%
Battery Packs	\$845.55	\$161.43	\$684.12	19.09%
MISC	\$500.00	\$618.56	-\$118.56	123.71%
<b>TOTAL</b>	<b>\$10,959.45</b>	<b>\$12,106.44</b>	<b>-\$1,146.99</b>	<b>110.47%</b>



## 2020-2021 Purchasing

- With a large quantity of purchase orders, especially at peak in February, an effective ordering system was established.
- It has since been refined to allow for more efficient receiving and tracking.

Greatest Purchasing Power—  
CARMAN/INTERCONNECT  
**\$4,471.80**  
27 Total Purchases

Our Original Budget

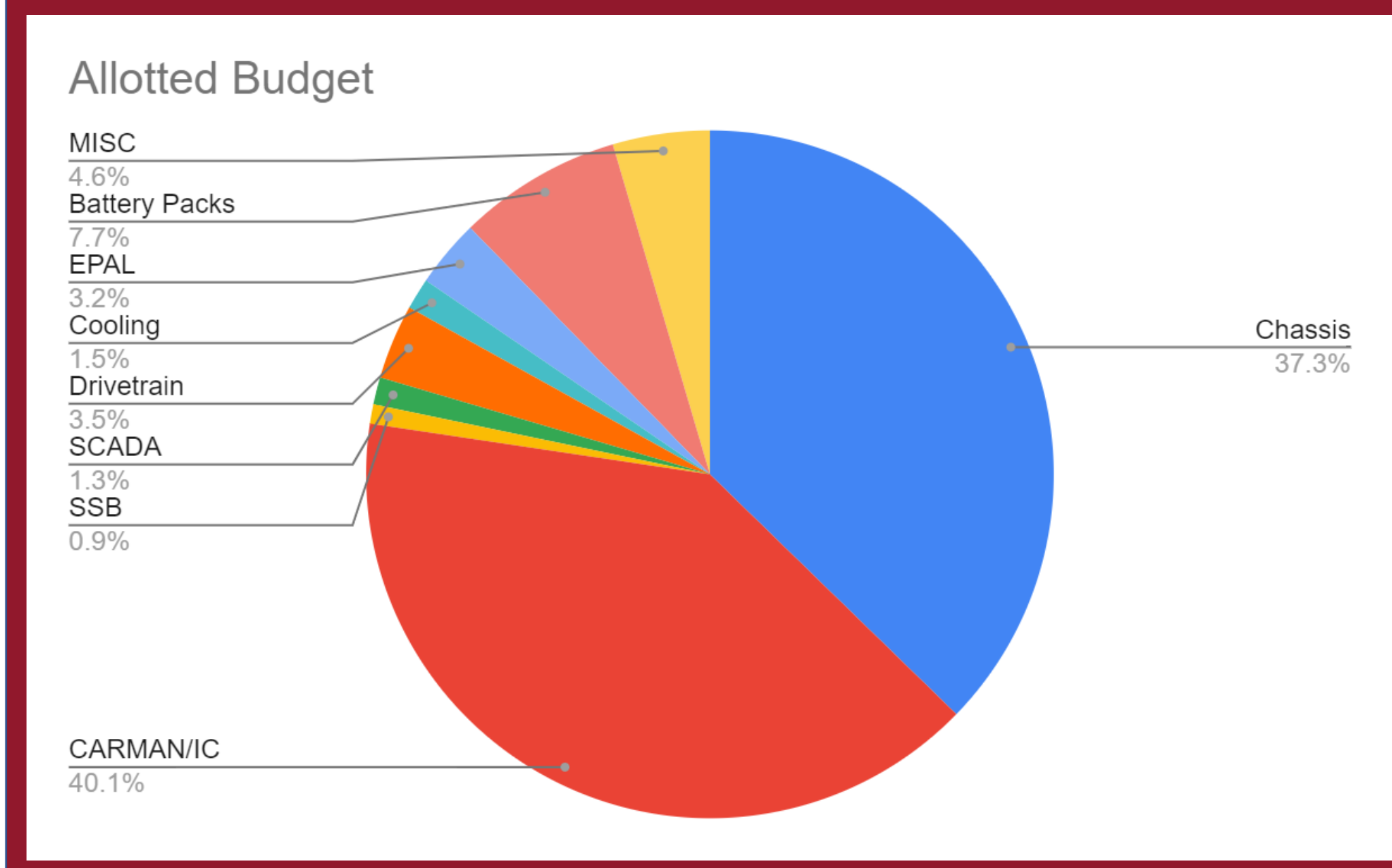
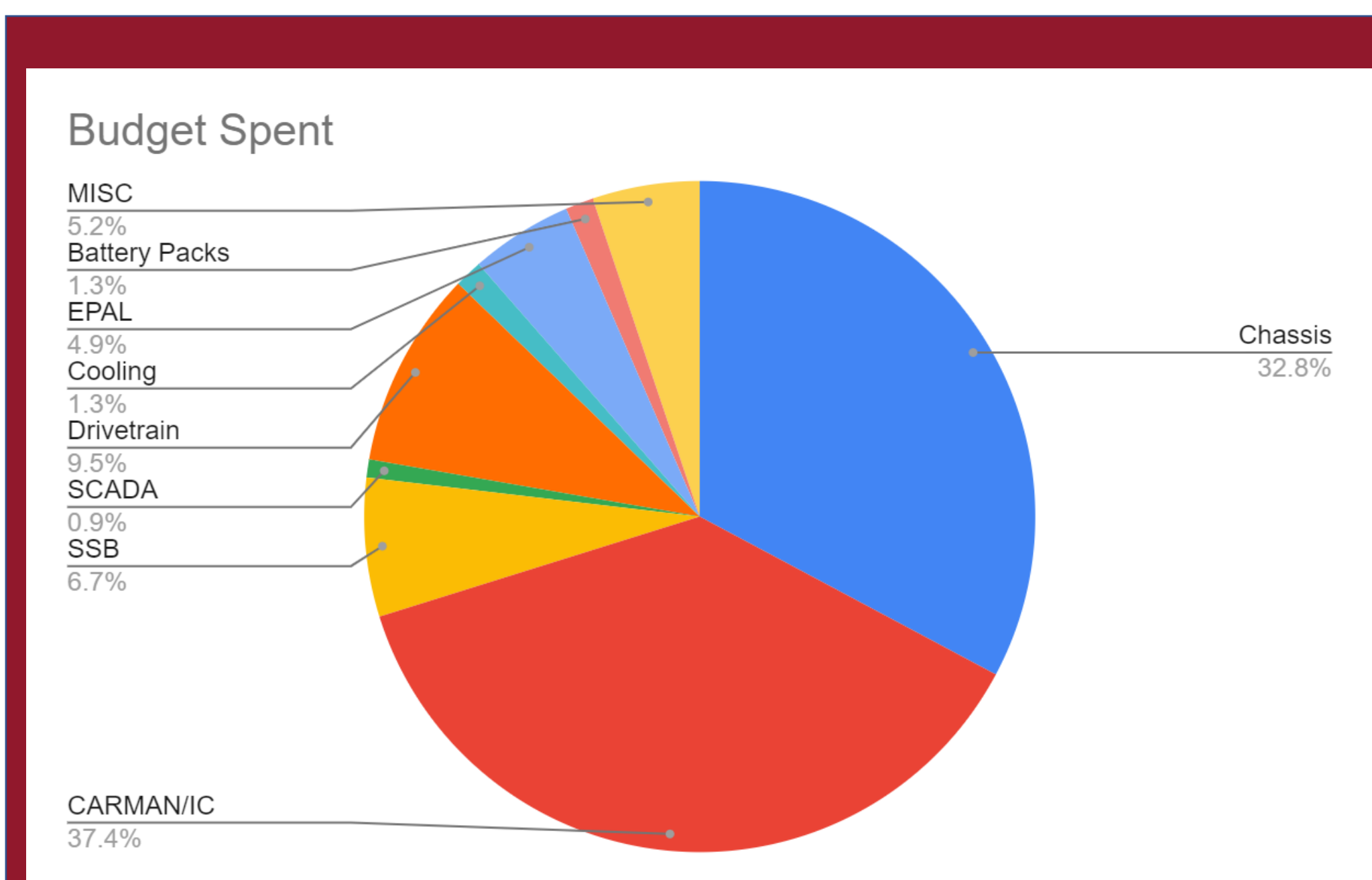
What we spent

- A leaky shock and missing hardware for the steering and suspension systems put the SSB (Steering, Suspension, Brakes) team over budget
- A total redesign was required for the drivetrain team that required significantly more than expected

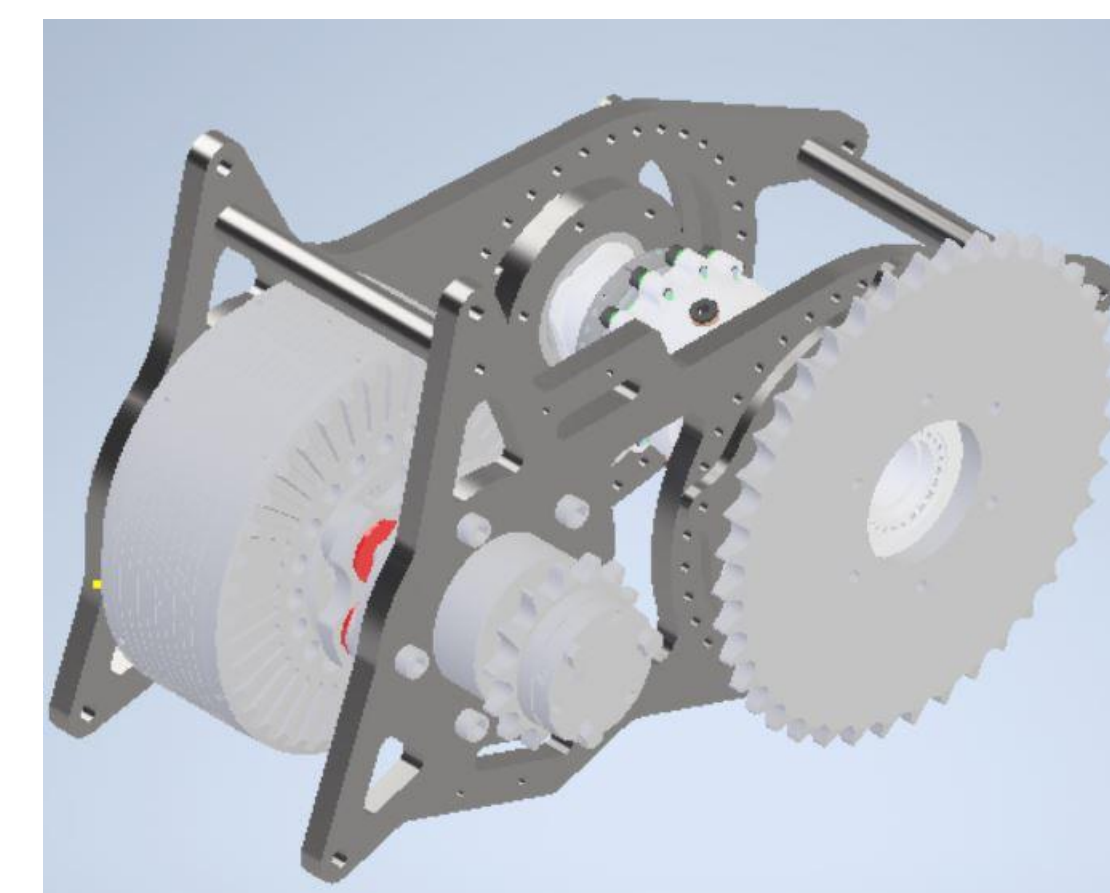
- With our overall spending exceeding our written budget by roughly 10%, we feel confident that our original budget was sound, and that we did not let the budget get away from us too drastically at the end of the project.

Total Spending  
2020-2021  
**\$12,106.44**  
10.47% Over Budget

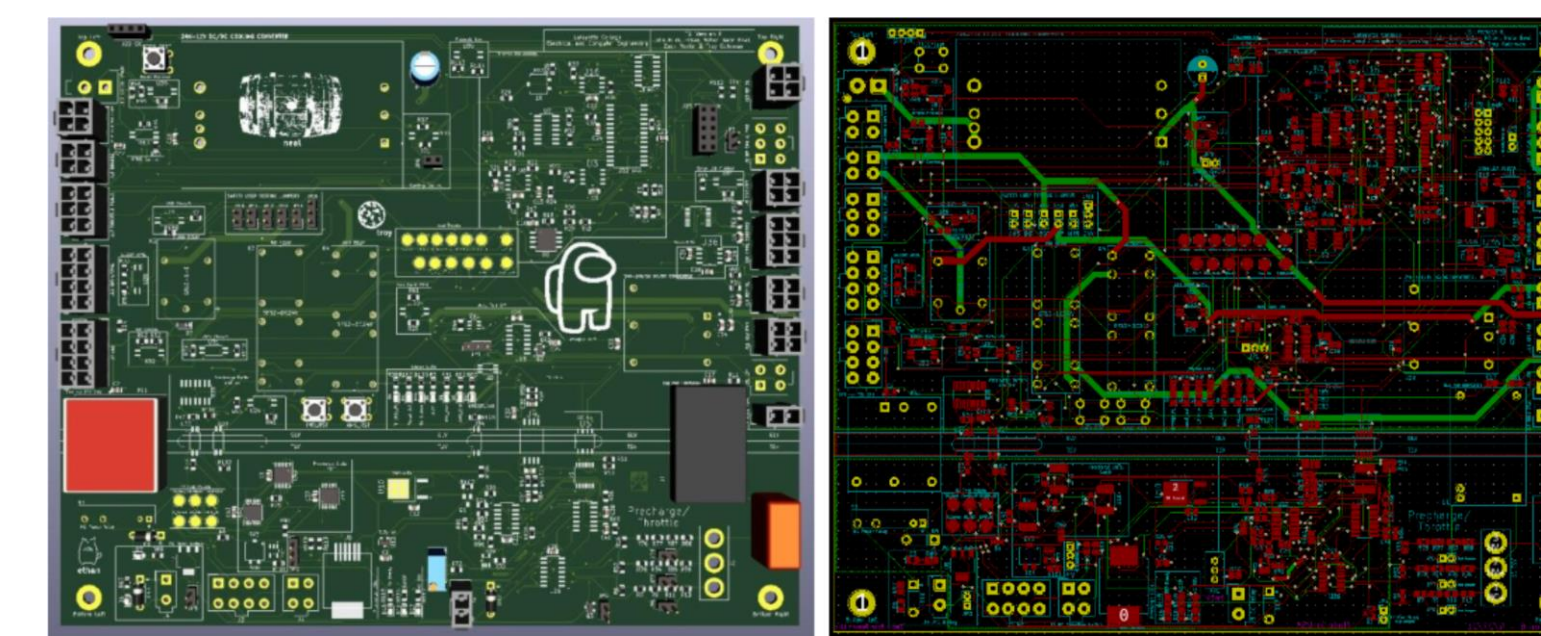
Total Purchase Orders  
**60**



Total Purchase Orders  
Peak Purchasing  
**21**  
2/6/2021 – 2/28/2021 (22 days)



Complete Drivetrain Redesign  
**\$1,133.84**

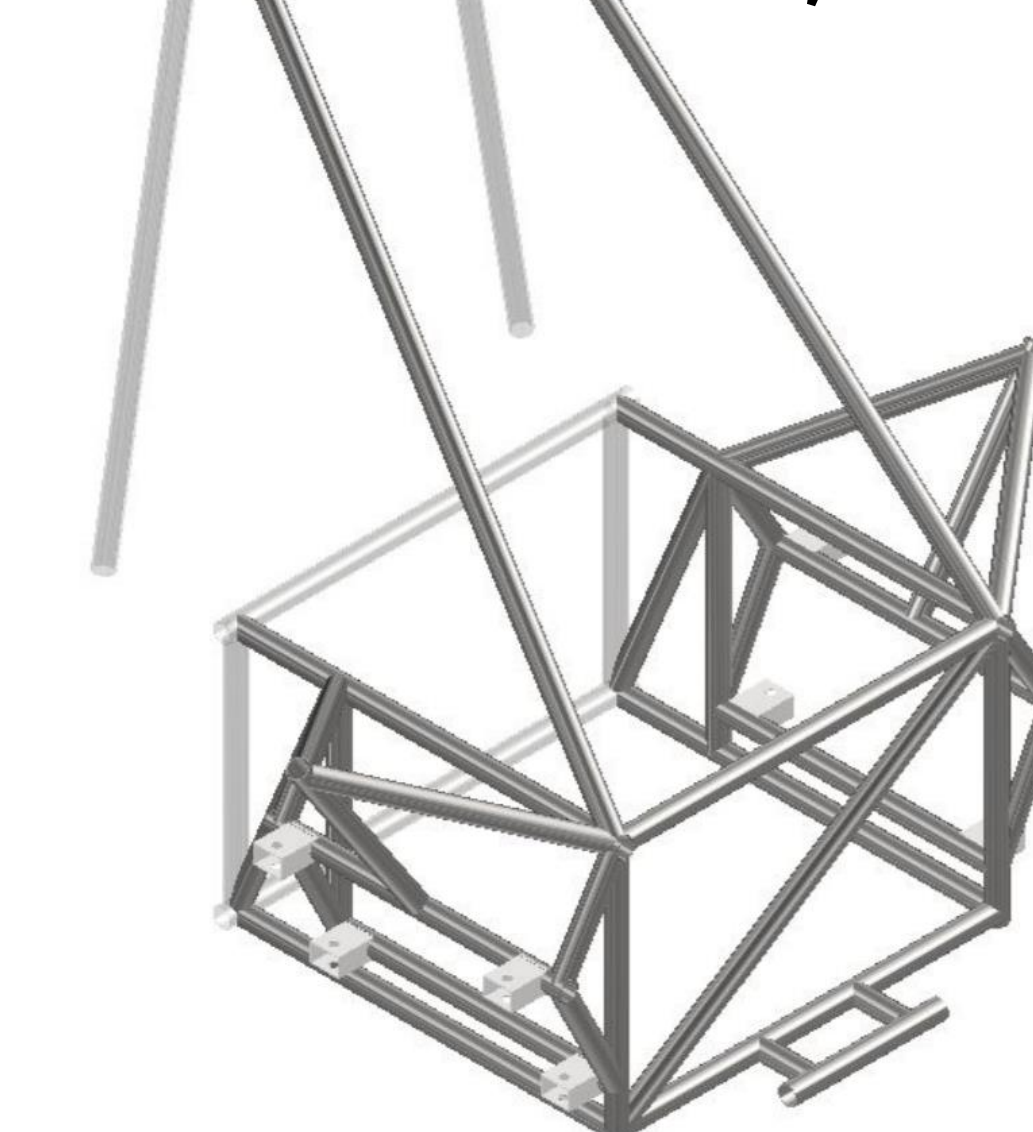


PCBs for Various Systems  
**\$200**

Ohlins Shock Rebuild and Suspension Repair  
**\$600**



Rear Chassis Redesign  
**\$3,790**



## Notable Purchases

Website QR  
Scan this code to view the car on our website!

