

MILESTONES

- Rolling car March 8th - 9 weeks earlier than previous years
- Running car by March 22nd - 8 weeks earlier
- Tech Inspection-ready by March 29th - 12 weeks earlier
- First test day March 4th - 6 weeks earlier
- Competition June 17th in Fontana, CA

SUSPENSION

- 15%-19% greater grip at operating temperatures
- Number of components reduced by 51%
- Increased shared parts between front & rear



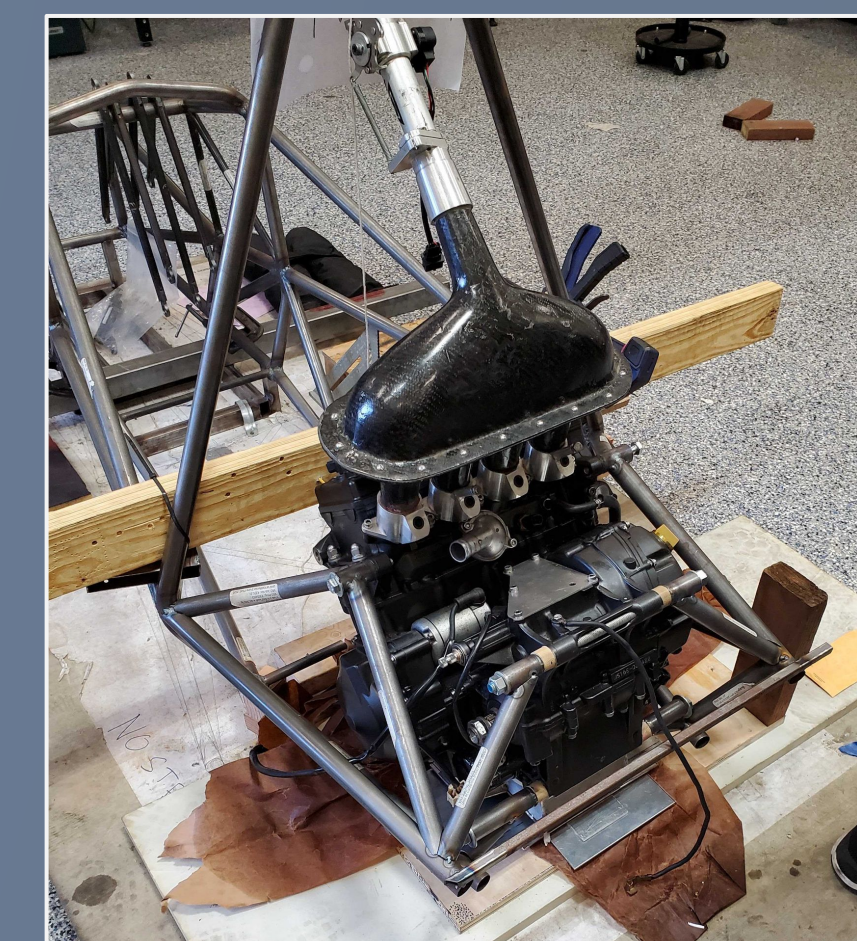
GOALS

- Top 5 Finish at California FSAE-IC 2020
- Finish all attempts in all events
- Pass technical inspection on the first try
- Improve design score and reliability by finishing car early and doing extensive testing

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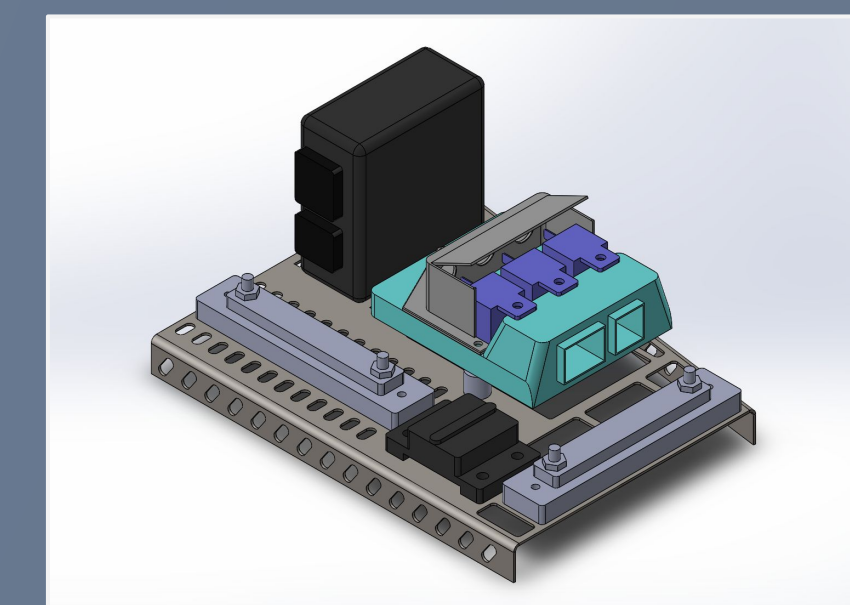
ENGINE DEVELOPMENT

- Completed parts:
 - Engine mounts welded in chassis
 - Custom oil pickup & oil pan manufactured
 - Manufactured exhaust and exhaust manifold



ELECTRONICS

- Modular wiring harness
- Sensors for diagnostics, driver training, research and development



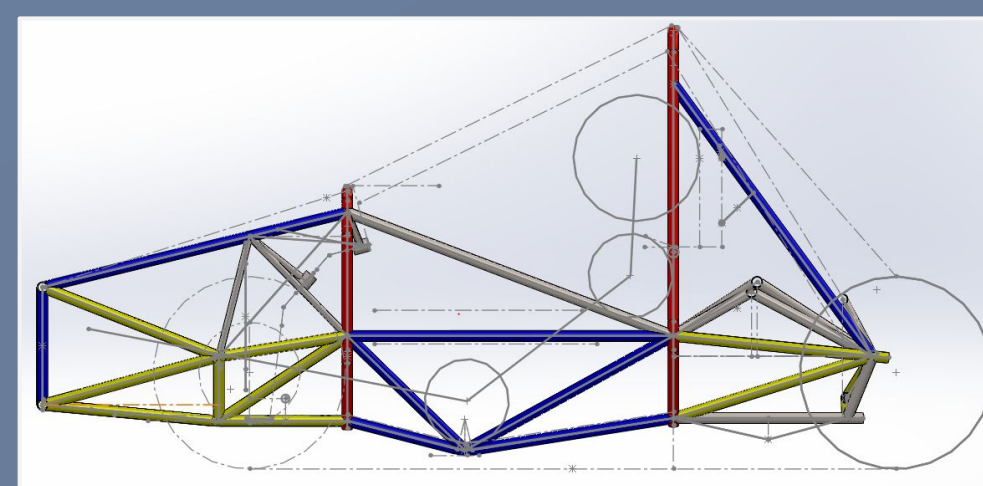
BRAKES

- Reduced pedal force by 10%
- Increased max deceleration to 2.8 G's



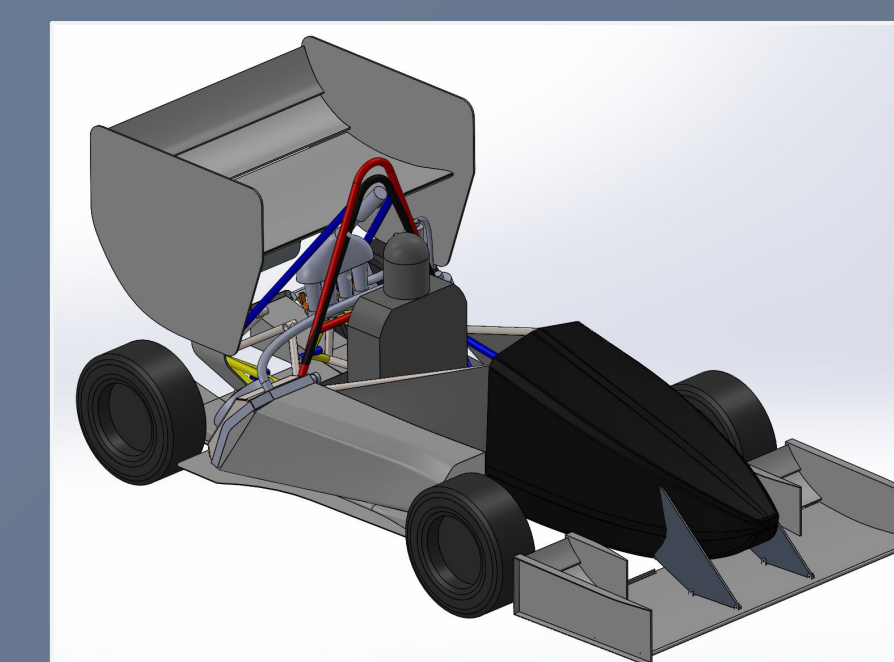
CHASSIS

- More room for driver
- Stiffer damper mounting
- Improved jigging drastically reduced manufacturing errors



AERO

- $C_L/C_D = 2.2$
- Sidepod to improve cooling
- Wing Adjustability



ERGONOMICS

- Adjustable pedal box to accommodate drivers of all sizes
- Reduced free-play in shifter
- Reduced steering effort by 50%