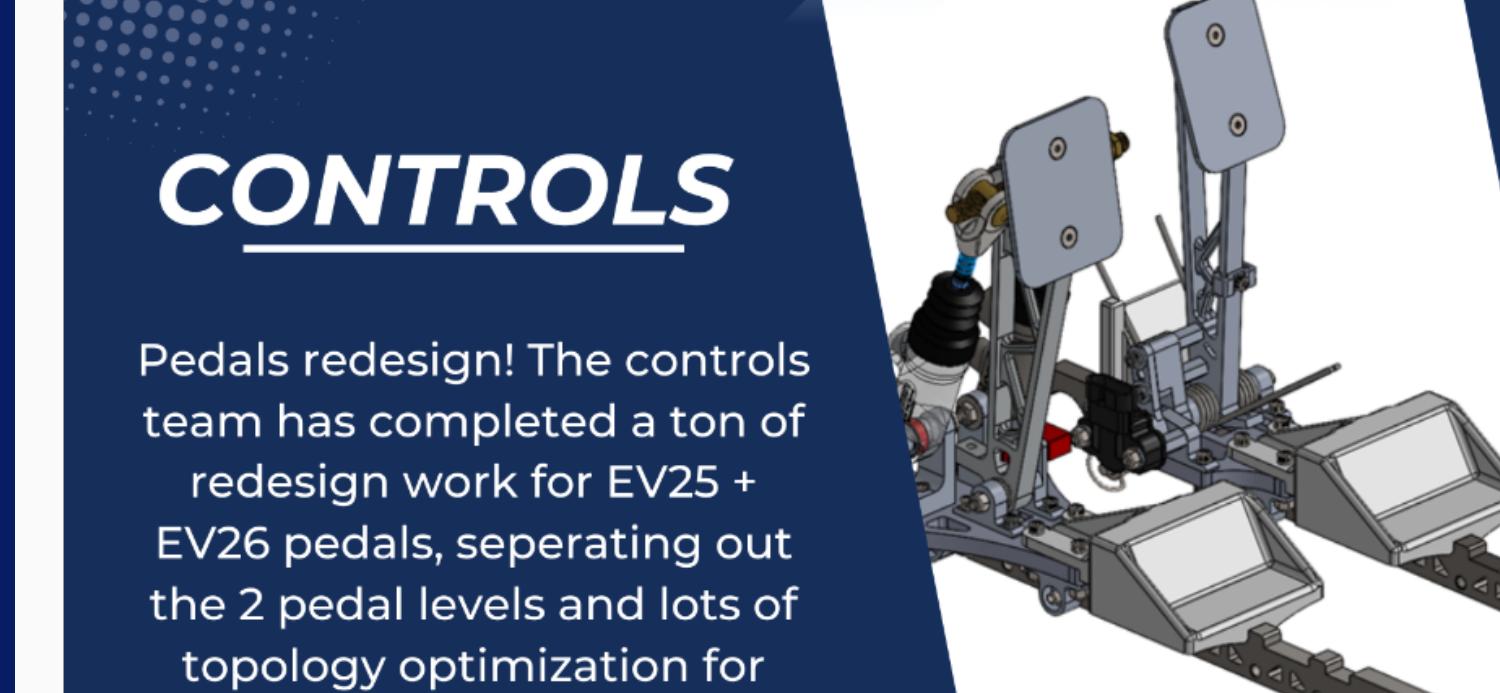


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## COLUMBIA FORMULA RACING NEWSLETTER



### FSAE is looking for Film Makers!!

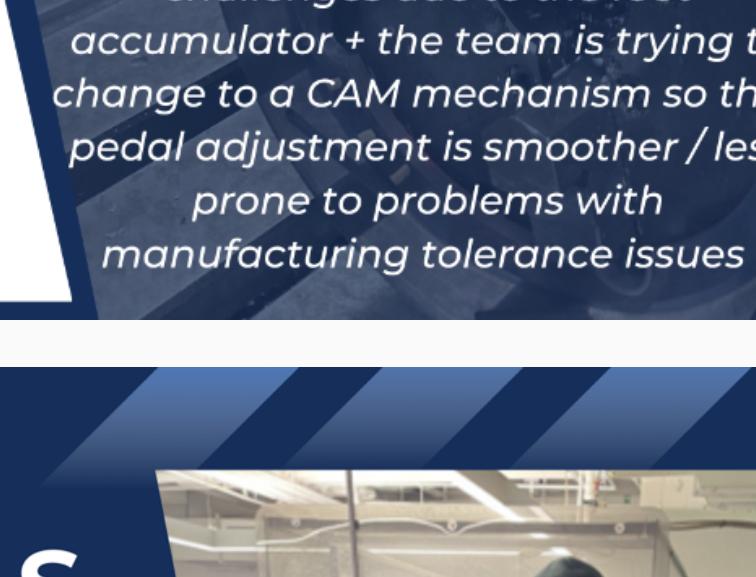
Work with the team for 1.5 months to capture the assembly process of the 2025 electric vehicle. This would require working closely with the team to capture moments of engineering, testing, and manufacturing with around 3-5 hours of work per week.

Please fill out the google form below if you are interested to respond directly to this email!

<https://forms.gle/XRjbYCi9MkN2bjqk9>

## CONTROLS

Pedals redesign! The controls team has completed a ton of redesign work for EV25 + EV26 pedals, separating out the 2 pedal levels and lots of topology optimization for weight savings.



EV26 has some interesting packaging challenges due to the foot accumulator + the team is trying to change to a CAM mechanism so that pedal adjustment is smoother / less prone to problems with manufacturing tolerance issues

## CONTROLS

Brake caliper rebuild day! The team conducted some much needed maintenance on the rear calipers

Huge thank you to everyone who helped out, especially to Arda + Tiller for finishing it up over the weekend!



## CONTROLS

Last semester, the control's team worked on a little project to create a wooden ergo jig! This will be helpful to test out driver positionings in a physical form before finalizing the chassis! The team is hoping to start using it to check things out for EV26 soon :)

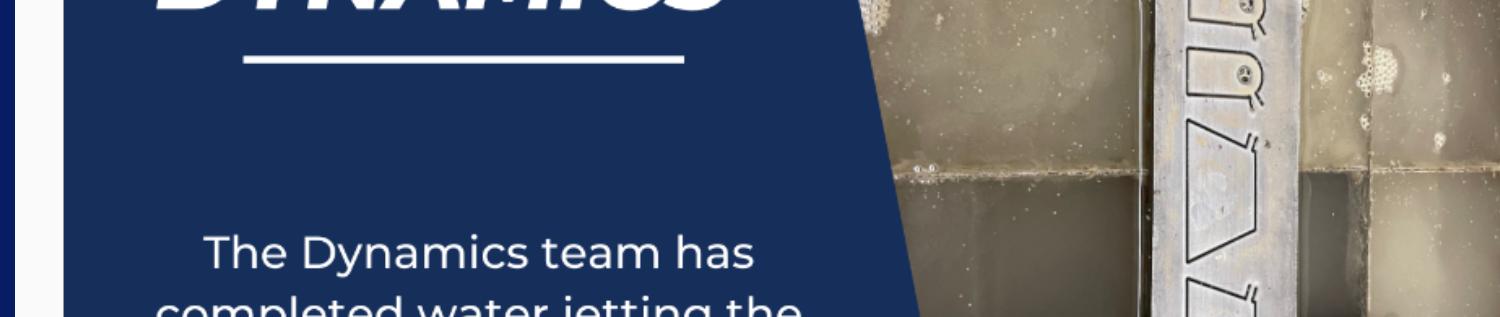


Huge thank you to everyone who worked on this project last semester, shoutout to Angela for leading the project and Nicholas for helping out so much!

## MANUFACTURING

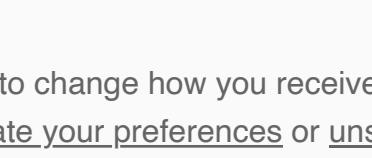
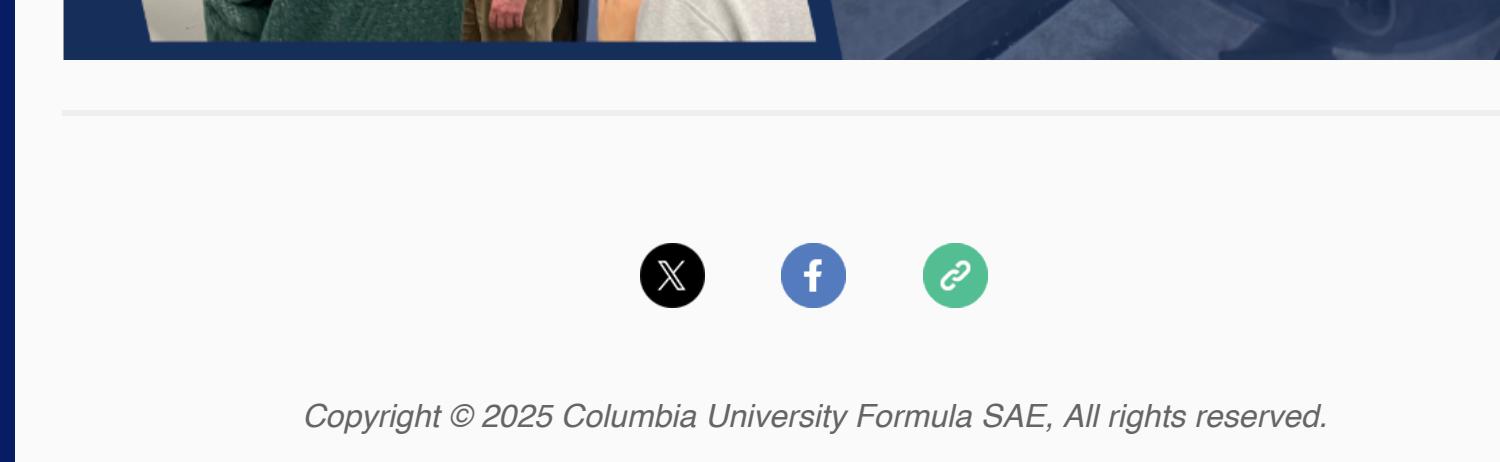
All in-house manufactured powertrain parts are completed!

Pedal rails and suspension A arm / ball joint housings have also been completed!



## DYNAMICS

The Dynamics team has completed water jetting the mounting tabs last Monday!



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