



# Purdue Electric Racing

July 29, 2015

## Post-Competition Report



The 2015 Purdue Electric Racing team thanks you for your generous support!

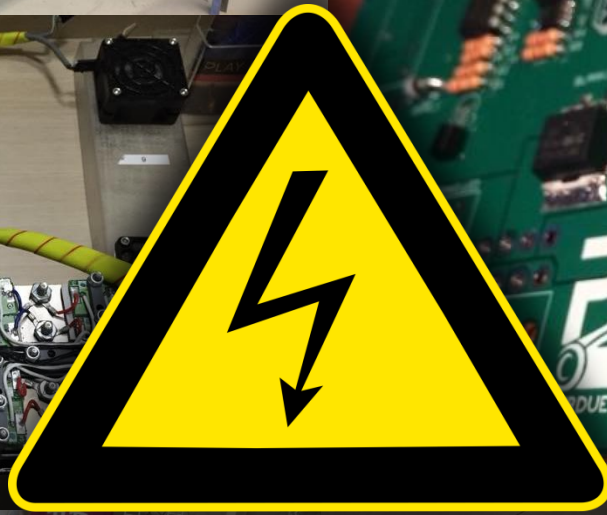




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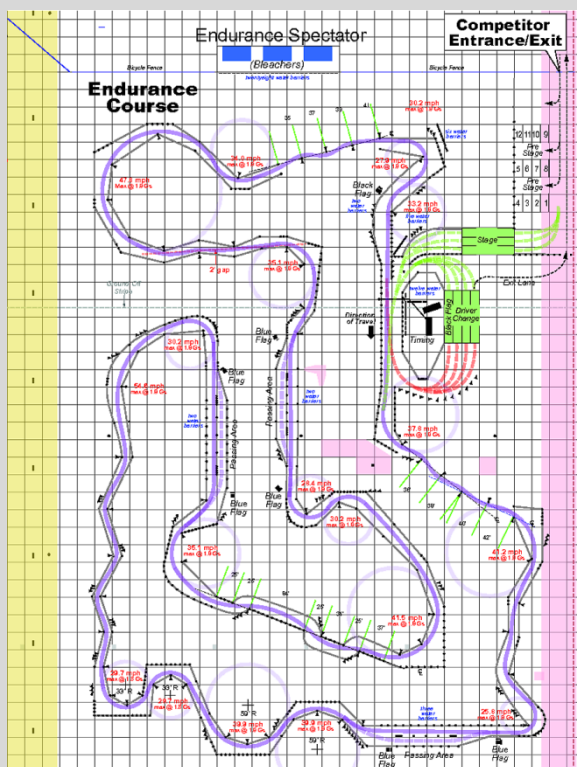
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2015 has been a great year for PER. Last year, we had a rolling chassis. This year, we had a fully functional vehicle that could have run extremely competitively. The team has grown tremendously since the previous year, adding many young students. 2015 was a major learning experience for everyone, from our graduating seniors, to our new freshmen.

Despite the completion of a fantastic season, our car is far from perfect. With your continued support, we are confident our upcoming vehicle will be a groundbreaking winner.



Endurance course for 2015 FSAE Lincoln race

Having encountered numerous roadblocks in design and manufacturing, the team persisted with last minute changes and delivered a fully functional electric racecar. And it's fast.

This year introduced major ground-up design changes to last year's vehicle, including an aero package and a brand new battery pack.

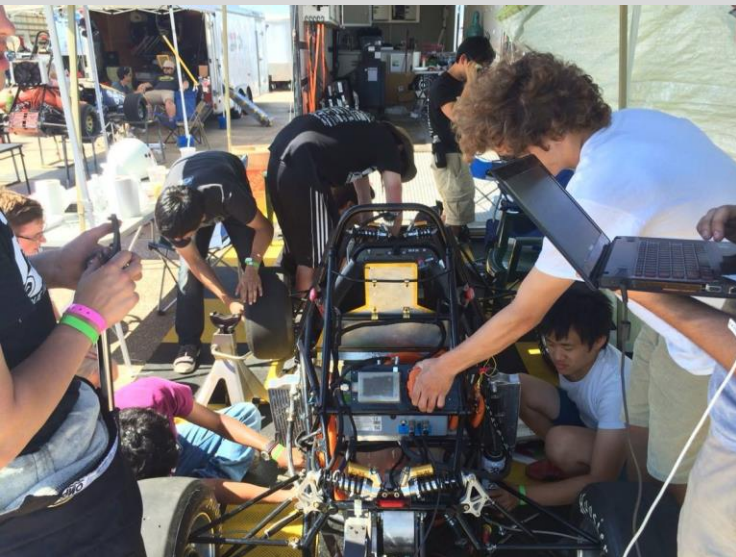
2015 was a huge step forward for Purdue Electric Racing, and the entire team is proud of what we accomplished.



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### Preparation

The team worked tirelessly to get the car, PER15, ready for the Lincoln competition. After being one of only four teams to make it past the electrical and mechanical inspections, it was heartbreaking when we didn't pass the final brake inspection due to a small technical error. However, we are proud of how much further we have come and are in a position to dominate the competition next year.

### Inspection/Tests

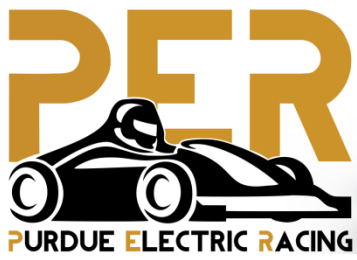
- Only 1 of 4 teams out of 20 to pass electrical technical inspection
- Many compliments from judges on clean designs and professional organization



### Presentations

- Strong performance in design and cost presentations
- Obtained feedback from industry veterans on various presentation aspects.



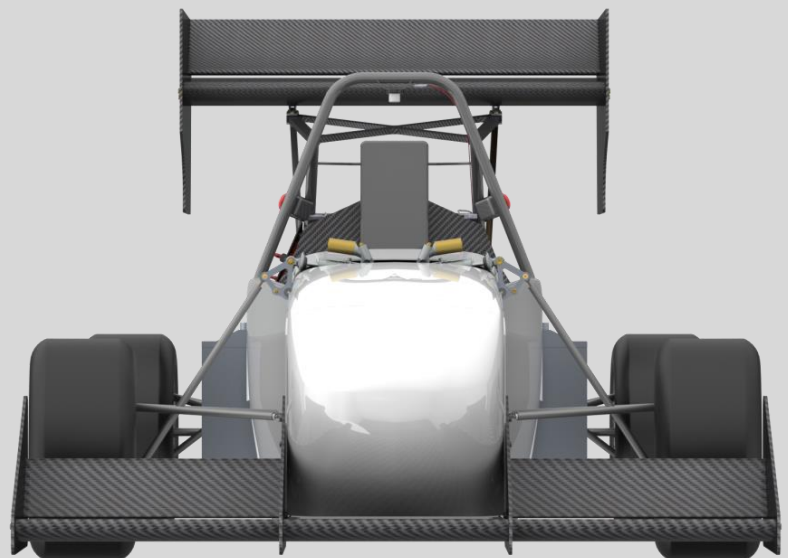


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This was only our team's second year, and we have already established ourselves as one of the top teams competing. The team is looking forward to next year, where our goal is to not only compete in, but win the Endurance race. We have already started planning for the coming year. By using our current car as a starting point and building on that design, we have high expectations for PER16. Our young team has huge potential, and 2016 will prove to be our best year yet!



On behalf of the entire 2015 Purdue Electric Racing team, we would like to extend our gratitude to all of those who made the completion of this year's car and the continuation of our organization possible. We would also like to thank Purdue and our sponsors for their continued support as we push to become the best FSAE Electric team in the country. Our goal at Purdue Electric Racing is to enable the next generation of engineers to develop the key skills they need to be future leaders, and your generous contribution has allowed us to successfully carry on this mission. To everyone involved with our team: thank you for supporting us and we look forward to that continuing into 2016!



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